802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3
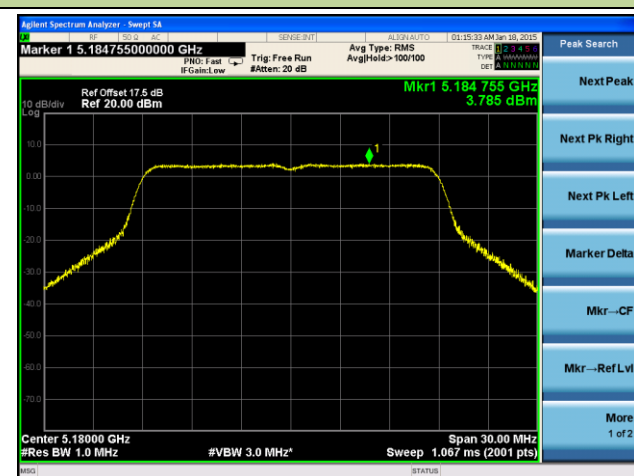
Channel 36 (5180MHz)	Channel 44 (5220MHz)
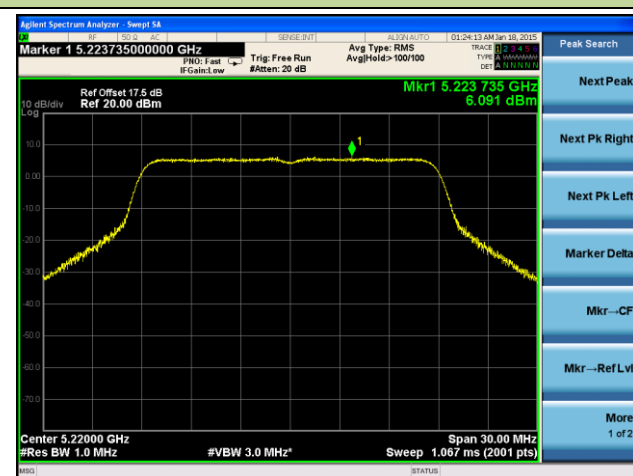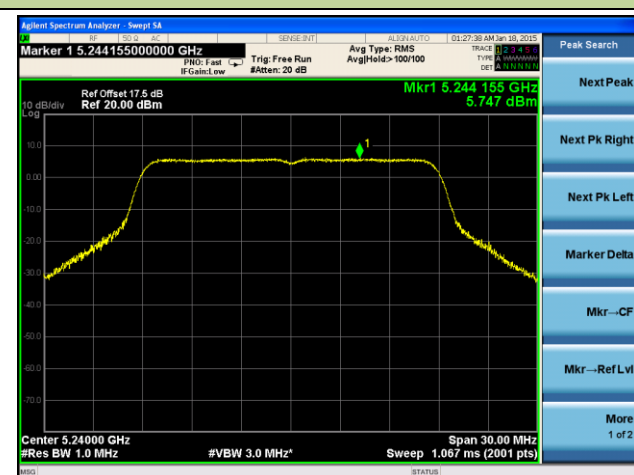
Channel 48 (5240MHz)	Channel 52 (5260MHz)
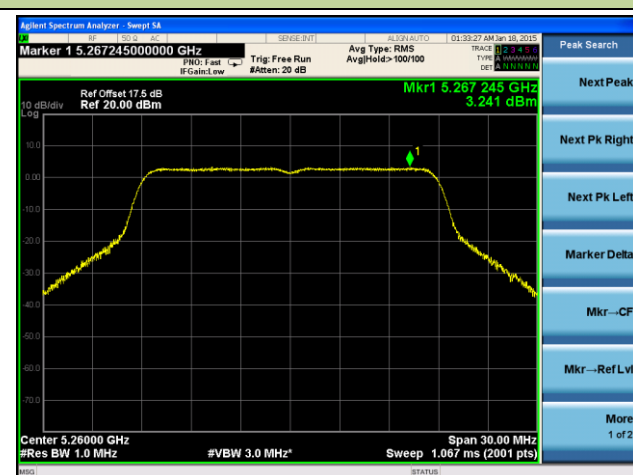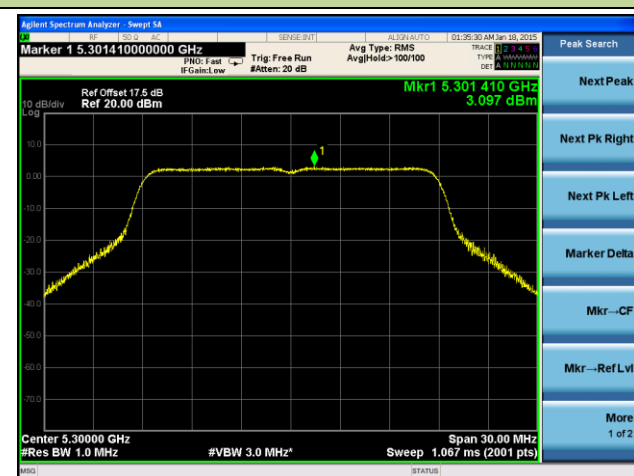
Channel 60 (5300MHz)	Channel 64 (5320MHz)
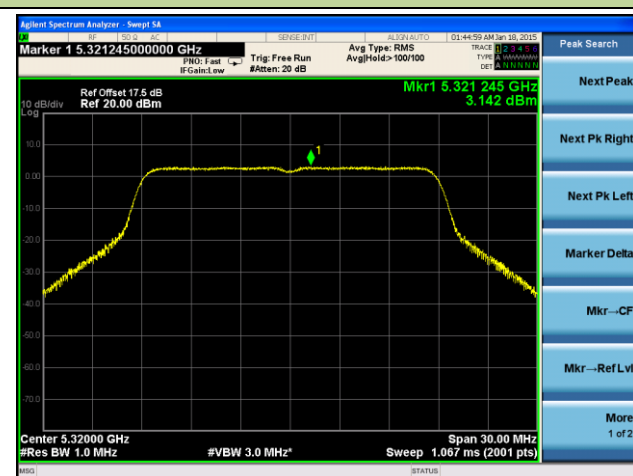
Channel 100 (5500MHz)
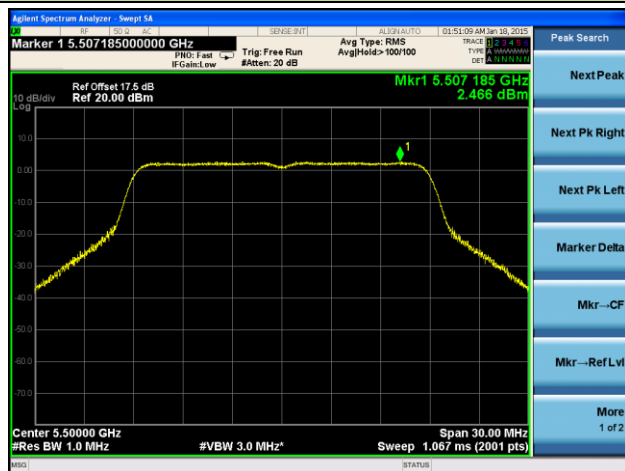
Channel 120 (5600MHz)
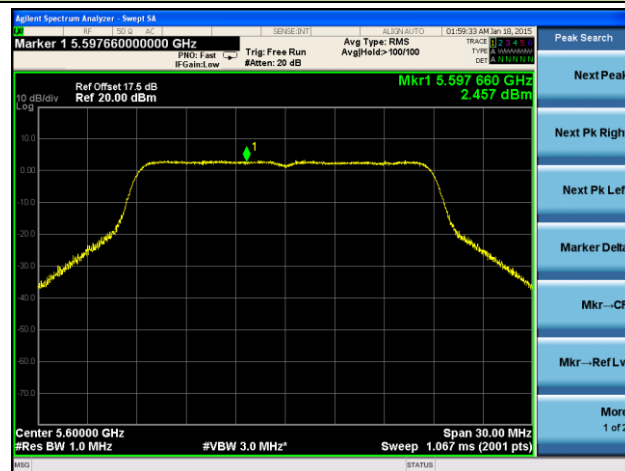
Channel 140 (5700MHz)
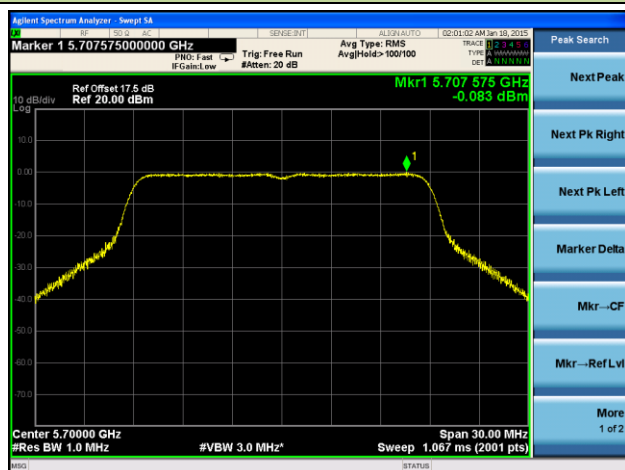
Channel 144 (5720MHz)
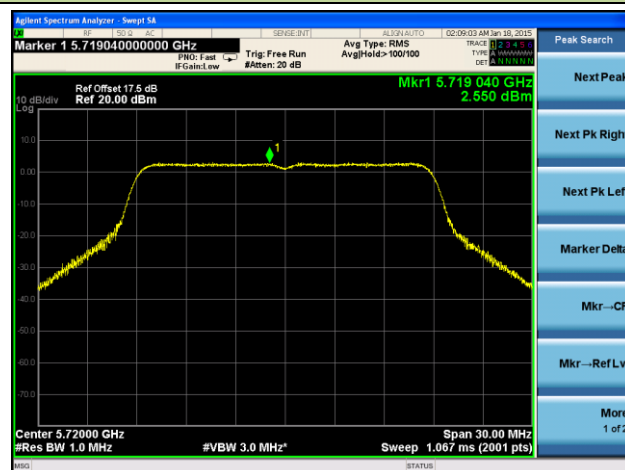
Channel 149 (5745MHz)
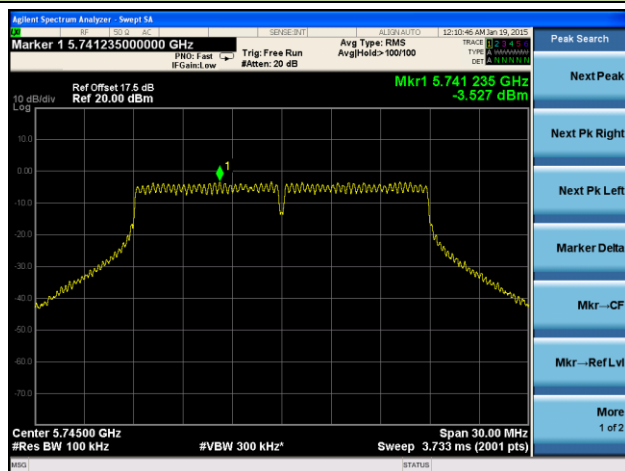
Channel 157 (5785MHz)
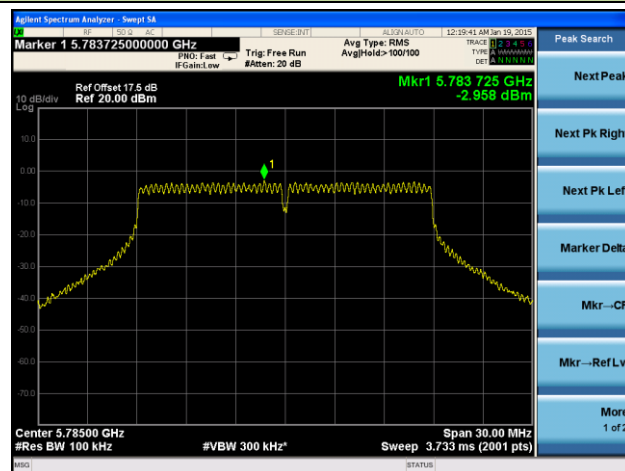
Channel 165 (5825MHz)	
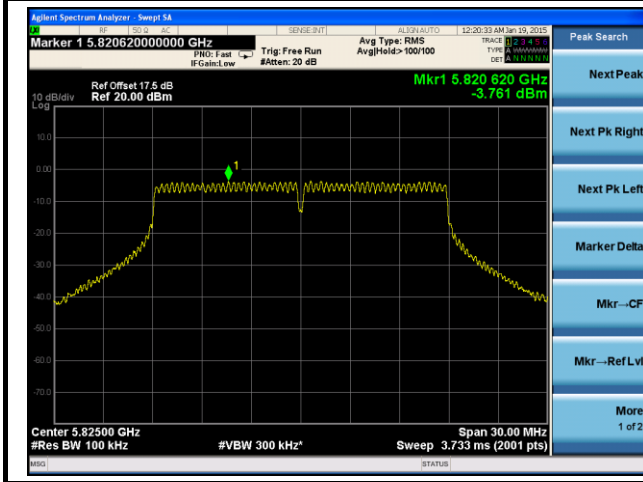
802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3
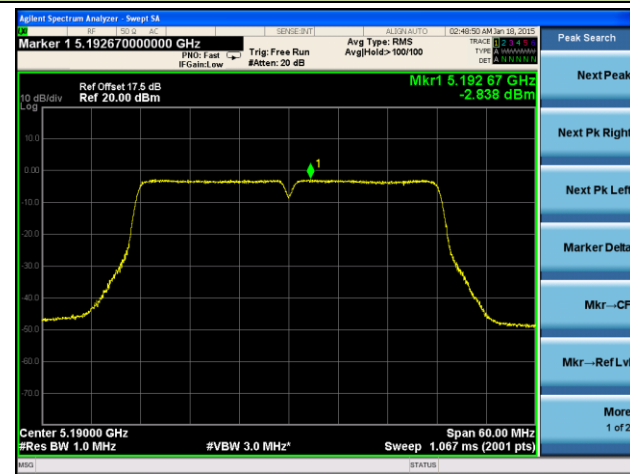
Channel 38 (5190MHz)	Channel 46 (5230MHz)
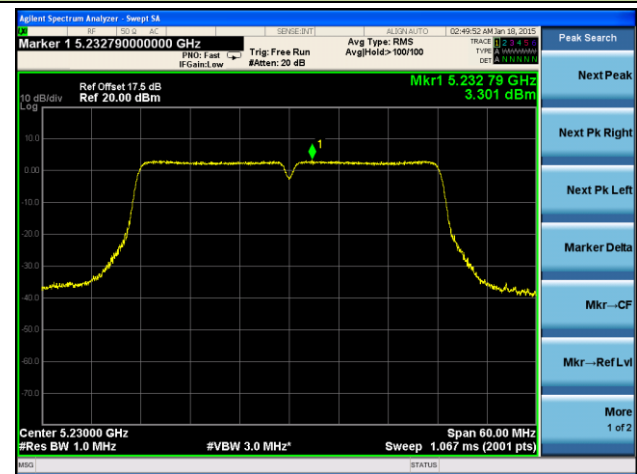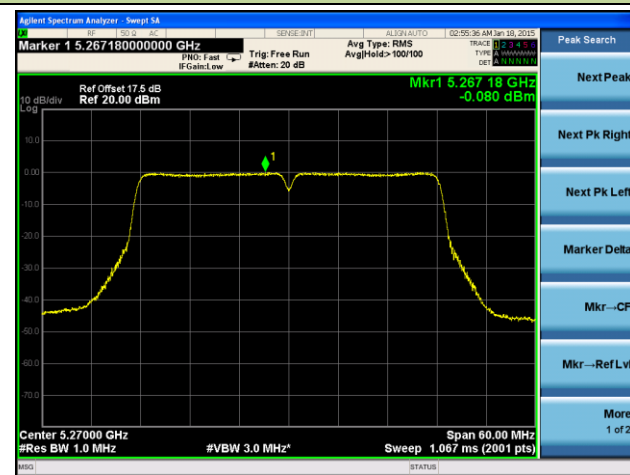
Channel 54 (5270MHz)	Channel 62 (5310MHz)
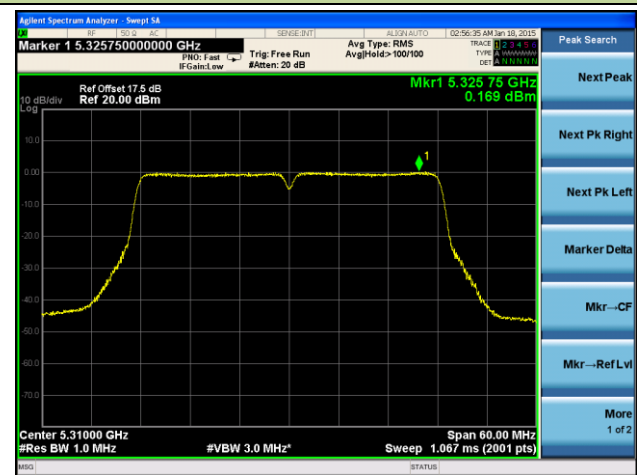
Channel 102 (5510MHz)	Channel 118 (5590MHz)
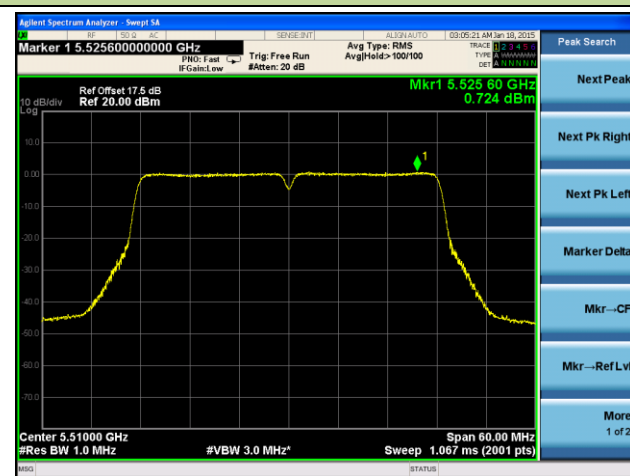
Channel 134 (5670MHz)
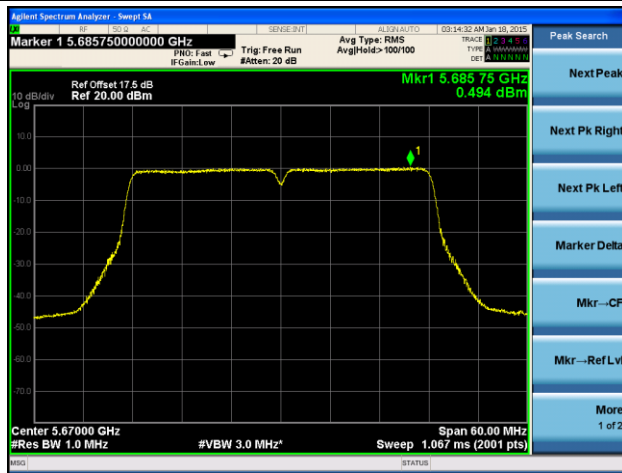
Channel 142 (5710MHz)

Channel 151 (5755MHz)
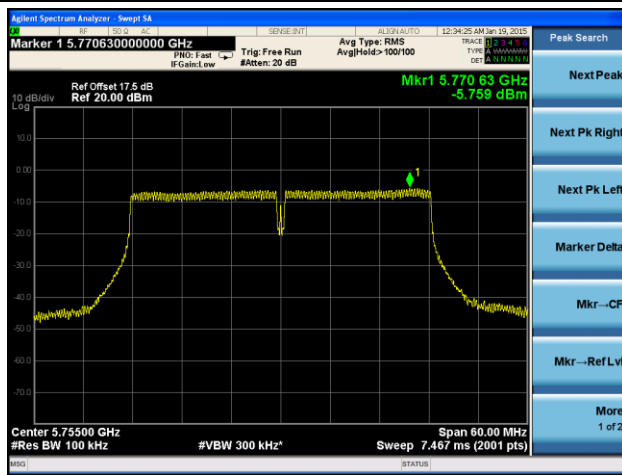
Channel 159 (5795MHz)
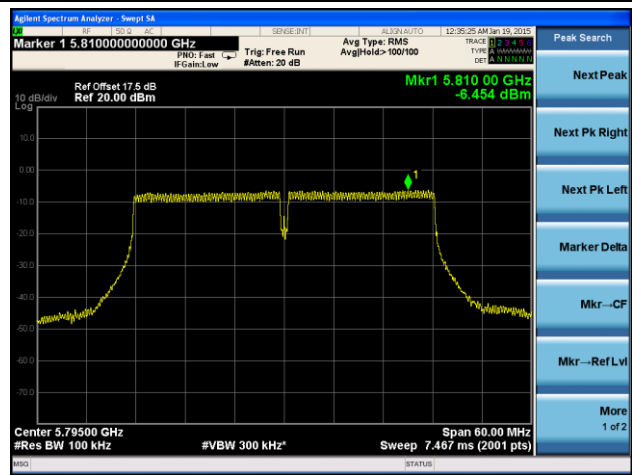
802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

Channel 42 (5210MHz)	Channel 58 (5290MHz)
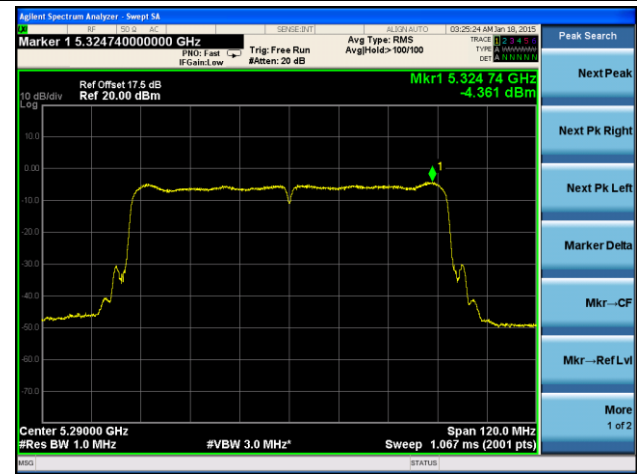
Channel 106 (5530MHz)	Channel 122 (5610MHz)
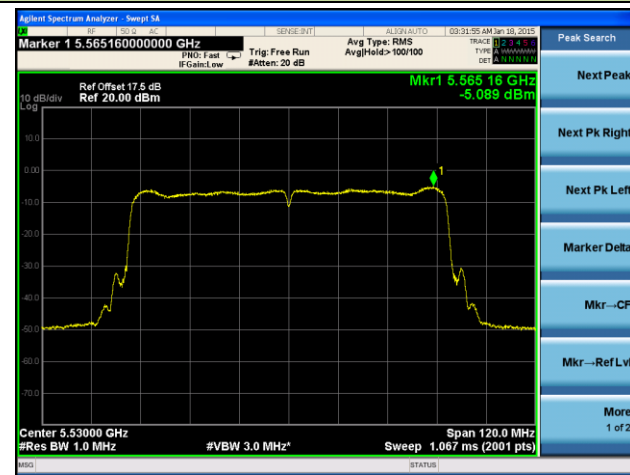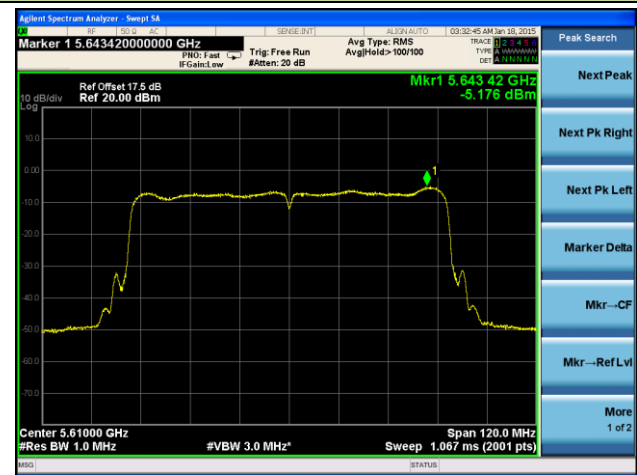
Channel 138 (5690MHz)	Channel 155 (5775MHz)
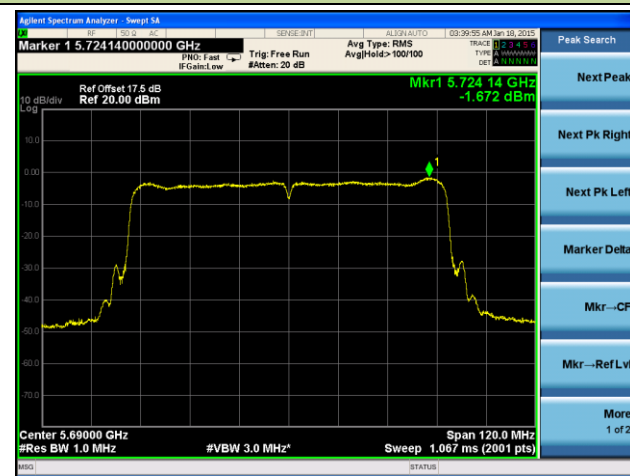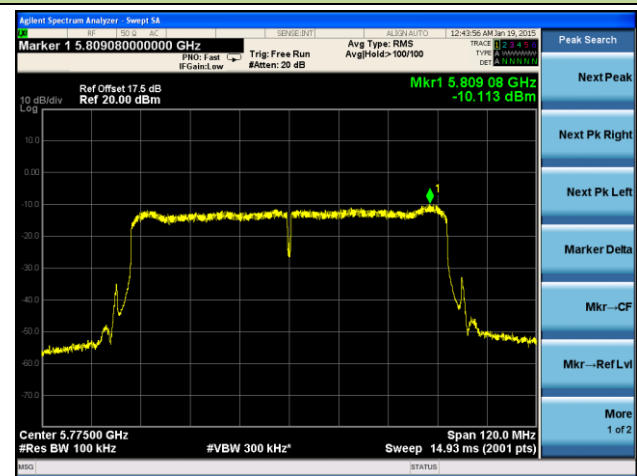
7.7. Frequency Stability Measurement

7.7.1. Test Limit

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

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

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

Frequency Stability Under Voltage Variations:

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

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

7.7.3. Test Setup
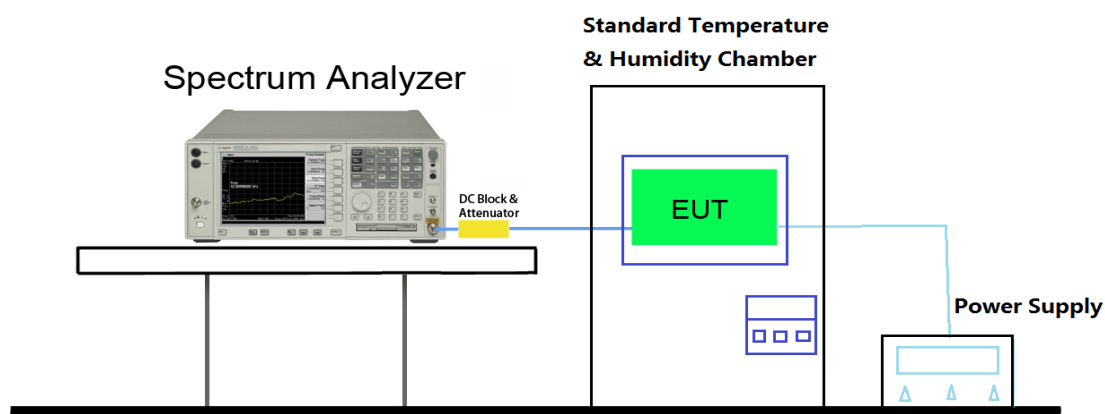
7.7.4. Test Result

Voltage (%)	Power (VAC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100%	120	+ 20 (Ref)	5219993753	-6247	-0.00011967
			5299991338	-8662	-0.00016343
			5599984782	-15218	-0.00027175
			5784987742	-12258	-0.00021189
		- 30	5220019848	19848	0.00038023
			5300013932	13932	0.00026287
			5600017283	17283	0.00030863
			5785019387	19387	0.00033513
		- 20	5220037283	37283	0.00071423
			5300026362	26362	0.00049740
			5600020394	20394	0.00036418
			5784996378	-3622	-0.00006261
		- 10	5219989383	-10617	-0.00020339
			5299988938	-11062	-0.00020872
			5599989477	-10523	-0.00018791
			5785010283	10283	0.00017775
		0	5220010983	10983	0.00021040
			5299989373	-10627	-0.00020051
			5599989373	-10627	-0.00018977
			5785010288	10288	0.00017784
		+ 10	5219989438	-10562	-0.00020234
			5299989438	-10562	-0.00019928
			5599983992	-16008	-0.00028586
			5784989349	-10651	-0.00018411
		+ 20	5219987883	-12117	-0.00023213
			5299990384	-9616	-0.00018143
			5599985039	-14961	-0.00026716
			5784984837	-15163	-0.00026211
		+ 30	5219989549	-10451	-0.00020021
			5299987332	-12668	-0.00023902
			5599989932	-10068	-0.00017979
			5784989832	-10168	-0.00017576
		+ 40	5219989288	-10712	-0.00020521

			5299984943	-15057	-0.00028409
			5599987744	-12256	-0.00021886
			5785003232	3232	0.00005587
		+ 50	5219989332	-10668	-0.00020437
			5299989443	-10557	-0.00019919
			5599989552	-10448	-0.00018657
			5784990383	-9617	-0.00016624
115%	138	+ 20	5219989332	-10668	-0.00020437
			5299990383	-9617	-0.00018145
			5599991383	-8617	-0.00015388
			5784991937	-8063	-0.00013938
85%	102	+ 20	5219992038	-7962	-0.00015253
			5299992918	-7082	-0.00013362
			5599990298	-9702	-0.00017325
			5784991231	-8769	-0.00015158

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

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

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

7.8.2. Test Procedure Used

KDB 789033 D02v01 - Section G

7.8.3. Test Setting

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = 120 kHz

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = power average (RMS)

5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)

6. Sweep time = auto

7. Trace was averaged over at 100 sweeps

7.8.4. Test Setup

9kHz ~ 30MHz Test Setup:
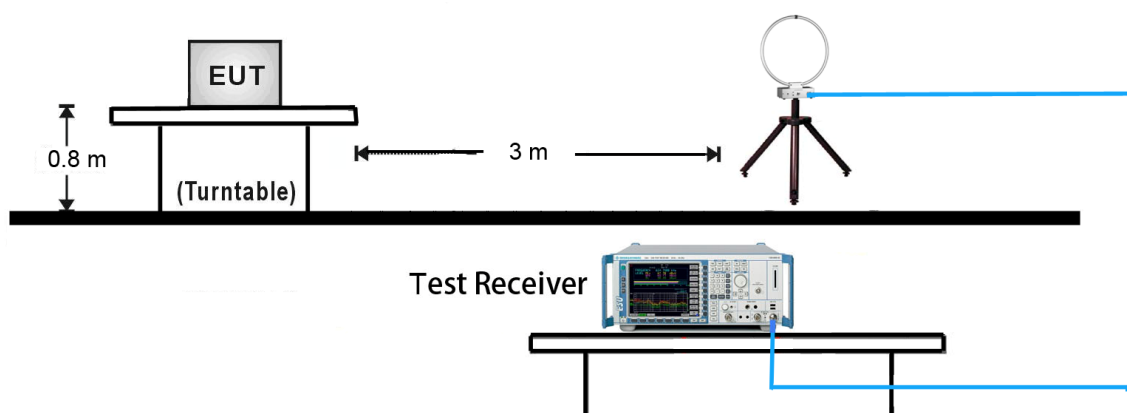
30MHz ~ 1GHz Test Setup:
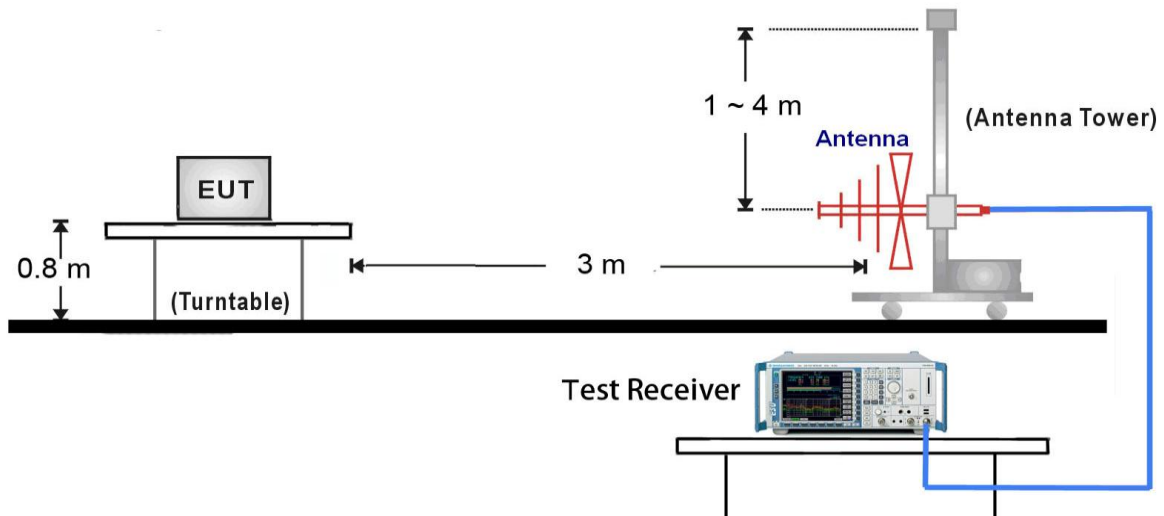
1GHz ~18GHz Test Setup:
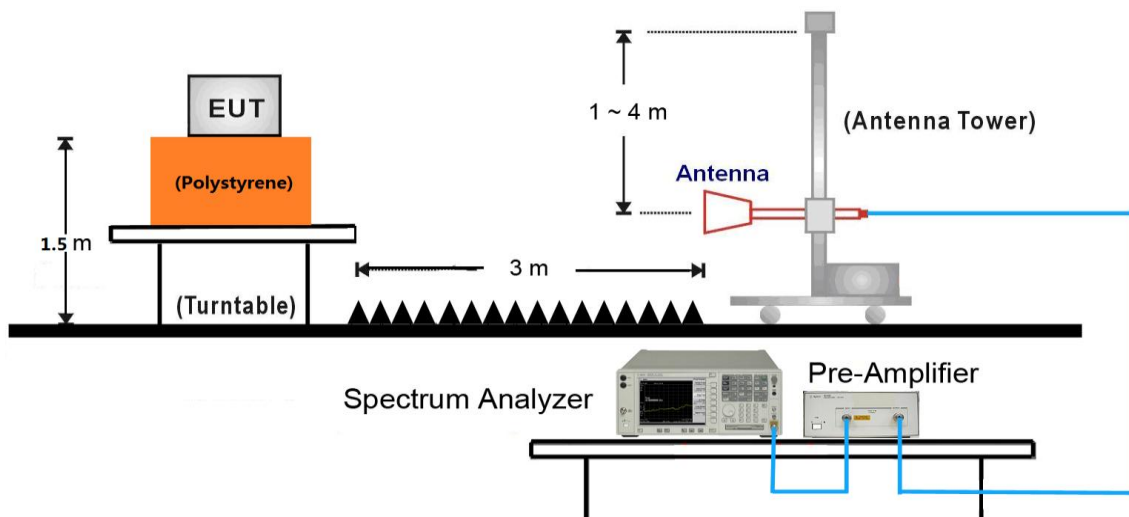
18GHz ~40GHz Test Setup:
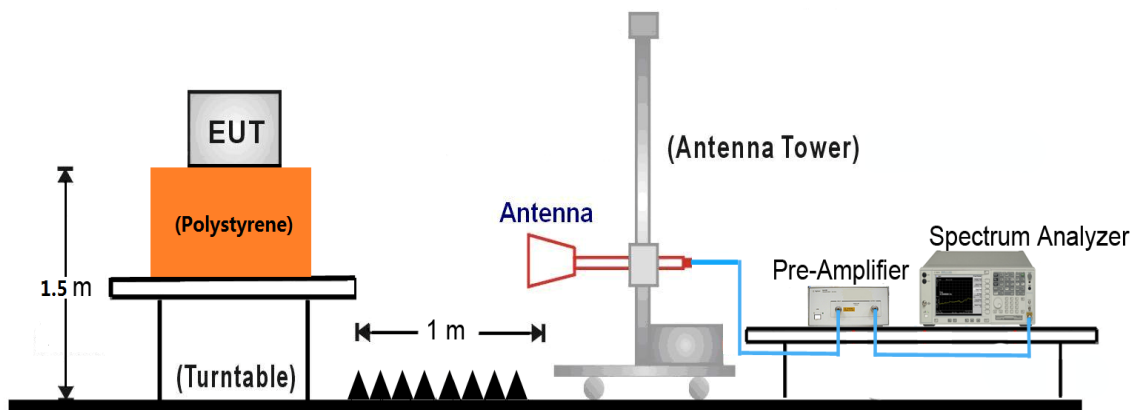
7.8.5. Test Result

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7642.4	36.4	8.0	44.4	74.0	-29.6	Peak	Horizontal
*	10350.0	43.4	12.2	55.6	88.2	-32.6	Peak	Horizontal
	12746.3	36.0	11.7	47.7	74.0	-26.3	Peak	Horizontal
*	14583.1	36.2	15.7	51.9	88.2	-36.3	Peak	Horizontal
	8416.5	36.6	8.1	44.7	74.0	-29.3	Peak	Vertical
*	10358.5	48.1	12.2	60.3	88.2	-27.9	Peak	Vertical
	11253.4	35.5	12.4	47.9	74.0	-26.1	Peak	Vertical
*	13472.6	34.9	13.7	48.6	88.2	-39.6	Peak	Vertical
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions. Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB) Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)								

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	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
	8248.5	36.5	8.1	44.6	74.0	-29.4	Peak	Horizontal
*	10435.0	45.0	12.0	57.0	88.2	-31.2	Peak	Horizontal
	15654.0	43.1	12.0	55.1	74.0	-18.9	Peak	Horizontal
	15658.0	29.0	12.0	41.0	54.0	-13.0	Average	Horizontal
*	16580.5	35.3	13.7	49.0	88.2	-39.2	Peak	Horizontal
	8427.0	37.1	8.2	45.3	74.0	-28.7	Peak	Vertical
*	10443.5	48.6	12.0	60.6	88.2	-27.6	Peak	Vertical
	15662.5	41.3	12.0	53.3	74.0	-20.7	Peak	Vertical
*	16869.5	36.1	15.2	51.3	88.2	-36.9	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	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
	8415.5	36.3	8.1	44.4	74.0	-29.6	Peak	Horizontal
*	10477.5	44.4	12.2	56.6	88.2	-31.6	Peak	Horizontal
	15713.5	41.5	11.8	53.3	74.0	-20.7	Peak	Horizontal
*	16842.5	35.9	15.0	50.9	88.2	-37.3	Peak	Horizontal
	8426.9	36.7	8.2	44.9	74.0	-29.1	Peak	Vertical
*	10477.5	47.9	12.2	60.1	88.2	-28.1	Peak	Vertical
	15722.0	41.0	11.8	52.8	74.0	-21.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8457.0	36.2	8.2	44.4	74.0	-29.6	Peak	Horizontal
*	10511.5	41.2	12.4	53.6	88.2	-34.6	Peak	Horizontal
	11426.4	35.3	12.6	47.9	74.0	-26.1	Peak	Horizontal
*	13421.0	35.4	13.6	49.0	88.2	-39.2	Peak	Horizontal
	8451.6	36.8	8.2	45.0	74.0	-29.0	Peak	Vertical
*	10520.0	45.4	12.4	57.8	88.2	-30.4	Peak	Vertical
	11534.9	35.2	12.7	47.9	74.0	-26.1	Peak	Vertical
*	12746.9	34.9	11.7	46.6	88.2	-41.6	Peak	Vertical

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

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

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

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	60	Test Engineer:	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
	7305.4	36.4	8.0	44.4	74.0	-29.6	Peak	Horizontal
*	7953.6	36.6	8.6	45.2	88.2	-43.0	Peak	Horizontal
	10596.5	42.8	12.4	55.2	74.0	-18.8	Average	Horizontal
	10597.5	31.3	12.4	43.7	54.0	-10.3	Peak	Horizontal
*	12746.5	35.5	11.7	47.2	88.2	-41.0	Peak	Horizontal
	7342.6	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
*	8626.7	35.8	8.8	44.6	88.2	-43.6	Peak	Vertical
	10600.1	34.0	12.4	46.4	54.0	-7.6	Average	Vertical
	10605.0	45.9	12.4	58.3	74.0	-15.7	Vertical	Vertical
*	12746.6	35.5	11.7	47.2	88.2	-41.0	Peak	Vertical

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

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

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

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	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
	7653.3	36.3	8.0	44.3	74.0	-29.7	Peak	Horizontal
*	8626.4	36.0	8.8	44.8	88.2	-43.4	Peak	Horizontal
	10638.2	30.6	12.3	42.9	54.0	-11.1	Average	Horizontal
	10639.0	43.3	12.3	55.6	74.0	-18.4	Peak	Horizontal
*	12746.3	34.7	11.7	46.4	88.2	-41.8	Peak	Horizontal
	7642.4	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
*	8645.4	36.0	8.8	44.8	88.2	-43.4	Peak	Vertical
	10639.0	44.7	12.3	57.0	74.0	-17.0	Peak	Vertical
	10641.7	32.3	12.3	44.6	54.0	-9.4	Average	Vertical
*	12745.4	34.6	11.7	46.3	88.2	-41.9	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	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
	7642.4	36.4	8.0	44.4	74.0	-29.6	Peak	Horizontal
*	8645.4	35.9	8.8	44.7	88.2	-43.5	Peak	Horizontal
	10996.0	41.0	13.0	54.0	74.0	-20.0	Peak	Horizontal
	10997.2	29.4	13.0	42.4	54.0	-11.6	Average	Horizontal
*	12745.0	35.3	11.7	47.0	88.2	-41.2	Peak	Horizontal
	7348.2	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
*	8641.7	35.7	8.8	44.5	88.2	-43.7	Peak	Vertical
	10996.0	39.3	13.0	52.3	74.0	-21.7	Peak	Vertical
*	12715.3	34.9	11.7	46.6	88.2	-41.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7648.6	35.6	8.0	43.6	74.0	-30.4	Peak	Horizontal
*	8642.6	35.4	8.8	44.2	88.2	-44.0	Peak	Horizontal
	11200.0	41.2	12.5	53.7	74.0	-20.3	Peak	Horizontal
*	12746.4	35.6	11.7	47.3	88.2	-40.9	Peak	Horizontal
	7325.1	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
*	8741.7	36.1	9.0	45.1	88.2	-43.1	Peak	Vertical
	11200.0	37.3	12.5	49.8	74.0	-24.2	Peak	Vertical
*	12762.2	35.0	11.7	46.7	88.2	-41.5	Peak	Vertical

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

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

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

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	140	Test Engineer:	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
	7295.5	35.7	8.0	43.7	74.0	-30.3	Peak	Horizontal
*	8645.2	35.1	8.8	43.9	88.2	-44.3	Peak	Horizontal
	11400.0	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
*	12753.2	34.6	11.7	46.3	88.2	-41.9	Peak	Horizontal
	7316.8	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
*	8647.5	36.1	8.8	44.9	88.2	-43.3	Peak	Vertical
	11400.0	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical
*	12842.1	34.9	11.9	46.8	88.2	-41.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8424.7	36.4	8.1	44.5	74.0	-29.5	Peak	Horizontal
*	8661.1	35.7	8.8	44.5	88.2	-43.7	Peak	Horizontal
	11500.5	41.0	12.8	53.8	74.0	-20.2	Peak	Horizontal
*	17252.2	42.5	15.9	58.4	88.2	-29.8	Peak	Horizontal
	7303.8	36.2	8.0	44.2	74.0	-29.8	Peak	Vertical
*	8662.2	35.7	8.8	44.5	88.2	-43.7	Peak	Vertical
	11500.5	39.5	12.8	52.3	74.0	-21.7	Peak	Vertical
*	12765.7	34.9	11.7	46.6	88.2	-41.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7352.7	35.5	8.0	43.5	74.0	-30.5	Peak	Horizontal
*	8626.3	34.6	8.8	43.4	88.2	-44.8	Peak	Horizontal
	11574.0	41.3	12.6	53.9	74.0	-20.1	Peak	Horizontal
*	17354.0	39.8	16.9	56.7	88.2	-31.5	Peak	Horizontal
	7354.9	35.6	8.0	43.6	74.0	-30.4	Peak	Vertical
*	8749.9	35.6	9.0	44.6	88.2	-43.6	Peak	Vertical
	11565.5	38.2	12.7	50.9	74.0	-23.1	Peak	Vertical
*	17354.0	40.2	16.9	57.1	88.2	-31.1	Peak	Vertical

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

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

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

Test Mode:	802.11a	Test Site:	AC1
Test Channel:	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
	7423.8	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	8653.9	35.9	8.8	44.7	88.2	-43.5	Peak	Horizontal
	11662.2	41.0	12.3	53.3	74.0	-20.7	Peak	Horizontal
*	17490.5	42.0	17.2	59.2	88.2	-29.0	Peak	Horizontal
	7302.1	36.8	8.0	44.8	74.0	-29.2	Peak	Vertical
*	8658.2	35.8	8.8	44.6	88.2	-43.6	Peak	Vertical
	11662.2	40.2	12.3	52.5	74.0	-21.5	Peak	Vertical
*	17490.5	42.9	17.2	60.1	88.2	-28.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7359.9	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
*	10358.5	42.2	12.2	54.4	88.2	-33.8	Peak	Horizontal
	11526.5	35.1	12.7	47.8	74.0	-26.2	Peak	Horizontal
*	13746.2	34.7	14.2	48.9	88.2	-39.3	Peak	Horizontal
	8359.7	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
*	10358.5	45.7	12.2	57.9	88.2	-30.3	Peak	Vertical
	11463.9	35.0	12.7	47.7	74.0	-26.3	Peak	Vertical
*	13497.7	34.7	13.7	48.4	88.2	-39.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7351.5	34.9	8.0	42.9	74.0	-31.1	Peak	Horizontal
*	10435.0	44.8	12.0	56.8	88.2	-31.4	Peak	Horizontal
	15659.7	26.1	12.0	38.1	54.0	-15.9	Average	Horizontal
	15662.5	43.3	12.0	55.3	74.0	-18.7	Peak	Horizontal
*	16810.0	36.6	14.9	51.5	88.2	-36.7	Peak	Horizontal
	8349.5	36.5	8.0	44.5	74.0	-29.5	Peak	Vertical
*	10443.5	47.8	12.0	59.8	88.2	-28.4	Peak	Vertical
	15654.0	39.9	12.0	51.9	74.0	-22.1	Peak	Vertical
*	16648.5	35.7	14.1	49.8	88.2	-38.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	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
	8346.5	36.8	8.0	44.8	74.0	-29.2	Peak	Horizontal
*	10477.5	43.7	12.2	55.9	88.2	-32.3	Peak	Horizontal
	15722.0	41.3	11.8	53.1	74.0	-20.9	Peak	Horizontal
*	16825.5	35.6	15.0	50.6	88.2	-37.6	Peak	Horizontal
	8658.9	35.5	8.8	44.3	74.0	-29.7	Peak	Vertical
*	10477.5	45.8	12.2	58.0	88.2	-30.2	Peak	Vertical
	15720.6	25.6	11.8	37.4	54.0	-16.6	Average	Vertical
	15722.0	42.3	11.8	54.1	74.0	-19.9	Peak	Vertical
*	16853.5	35.5	15.1	50.6	88.2	-37.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	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
	8359.9	36.2	8.0	44.2	74.0	-29.8	Peak	Horizontal
*	10520.0	44.4	12.4	56.8	88.2	-31.4	Peak	Horizontal
	11523.5	34.1	12.7	46.8	74.0	-27.2	Peak	Horizontal
*	13454.0	34.4	13.7	48.1	88.2	-40.1	Peak	Horizontal
	8248.8	35.7	8.1	43.8	74.0	-30.2	Peak	Vertical
*	10520.0	43.7	12.4	56.1	88.2	-32.1	Peak	Vertical
	11488.0	34.7	12.8	47.5	74.0	-26.5	Peak	Vertical
*	12794.4	34.6	11.7	46.3	88.2	-41.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	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
	7359.7	35.6	8.0	43.6	74.0	-30.4	Peak	Horizontal
*	8649.3	36.1	8.8	44.9	88.2	-43.3	Peak	Horizontal
	10596.5	42.9	12.4	55.3	74.0	-18.7	Peak	Horizontal
	10597.3	29.7	12.4	42.1	54.0	-11.9	Average	Horizontal
*	12763.4	35.0	11.7	46.7	88.2	-41.5	Peak	Horizontal
	7352.4	35.6	8.0	43.6	74.0	-30.4	Peak	Vertical
*	10596.5	44.0	12.4	56.4	88.2	-31.8	Peak	Vertical
	11483.3	35.3	12.7	48.0	74.0	-26.0	Peak	Vertical
*	13503.5	35.7	13.7	49.4	88.2	-38.8	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	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
	7295.4	36.0	8.0	44.0	74.0	-30.0	Peak	Horizontal
*	8653.5	35.0	8.8	43.8	88.2	-44.4	Peak	Horizontal
	10638.1	29.4	12.3	41.7	54.0	-12.3	Average	Horizontal
	10639.0	44.1	12.3	56.4	74.0	-17.6	Peak	Horizontal
*	12748.3	35.2	11.7	46.9	88.2	-41.3	Peak	Horizontal
	7358.5	35.5	8.0	43.5	74.0	-30.5	Peak	Vertical
*	8649.7	35.1	8.8	43.9	88.2	-44.3	Peak	Vertical
	10639.0	44.3	12.3	56.6	74.0	-17.4	Peak	Vertical
	10640.1	32.2	12.3	44.5	54.0	-9.5	Average	Vertical
*	12748.1	35.1	11.7	46.8	88.2	-41.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	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
	7326.5	35.8	8.0	43.8	74.0	-30.2	Peak	Horizontal
*	8654.0	35.6	8.8	44.4	88.2	-43.8	Peak	Horizontal
	10996.0	40.2	13.0	53.2	74.0	-20.8	Peak	Horizontal
*	12746.2	34.6	11.7	46.3	88.2	-41.9	Peak	Horizontal
	7356.3	35.5	8.0	43.5	74.0	-30.5	Peak	Vertical
*	8642.3	35.1	8.8	43.9	88.2	-44.3	Peak	Vertical
	10996.0	39.0	13.0	52.0	74.0	-22.0	Peak	Vertical
*	12746.3	34.0	11.7	45.7	88.2	-42.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	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
	7326.1	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
*	8649.3	35.7	8.8	44.5	88.2	-43.7	Peak	Horizontal
	11200.0	38.8	12.5	51.3	74.0	-22.7	Peak	Horizontal
*	12746.3	34.5	11.7	46.2	88.2	-42.0	Peak	Horizontal
	7326.3	35.9	8.0	43.9	74.0	-30.1	Peak	Vertical
*	8659.7	35.6	8.8	44.4	88.2	-43.8	Peak	Vertical
	11200.0	38.6	12.5	51.1	74.0	-22.9	Peak	Vertical
*	12746.3	35.0	11.7	46.7	88.2	-41.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	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
	7304.5	35.6	8.0	43.6	74.0	-30.4	Peak	Horizontal
*	8625.7	36.1	8.8	44.9	88.2	-43.3	Peak	Horizontal
	11395.5	36.8	12.6	49.4	74.0	-24.6	Peak	Horizontal
*	12748.3	34.8	11.7	46.5	88.2	-41.7	Peak	Horizontal
	7354.0	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	8629.7	35.0	8.8	43.8	88.2	-44.4	Peak	Vertical
	11400.0	35.1	12.6	47.7	74.0	-26.3	Peak	Vertical
*	12740.3	34.7	11.7	46.4	88.2	-41.8	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	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
	7363.9	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	8628.6	35.7	8.8	44.5	88.2	-43.7	Peak	Horizontal
	11499.8	29.4	12.8	42.2	54.0	-11.8	Average	Horizontal
	11500.5	44.2	12.8	57.0	74.0	-17.0	Peak	Horizontal
*	17243.7	41.8	16.0	57.8	88.2	-30.4	Peak	Horizontal
	7312.7	35.9	8.0	43.9	74.0	-30.1	Peak	Vertical
*	8757.2	36.0	9.0	45.0	88.2	-43.2	Peak	Vertical
	11500.5	38.2	12.8	51.0	74.0	-23.0	Peak	Vertical
*	17252.2	39.0	15.9	54.9	88.2	-33.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	157	Test Engineer:	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
	7305.0	35.5	8.0	43.5	74.0	-30.5	Peak	Horizontal
*	8659.4	34.9	8.8	43.7	88.2	-44.5	Peak	Horizontal
	11565.5	42.6	12.7	55.3	74.0	-18.7	Peak	Horizontal
	11567.0	29.4	12.7	42.1	54.0	-11.9	Average	Horizontal
*	17354.0	42.1	16.9	59.0	88.2	-29.2	Peak	Horizontal
	7298.1	36.4	8.0	44.4	74.0	-29.6	Peak	Vertical
*	8713.1	35.5	9.0	44.5	88.2	-43.7	Peak	Vertical
	11565.5	39.1	12.7	51.8	74.0	-22.2	Peak	Vertical
*	17362.5	39.6	16.9	56.5	88.2	-17.47	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7293.6	36.6	8.0	44.6	74.0	-29.4	Peak	Horizontal
*	8714.9	35.9	9.0	44.9	88.2	-43.3	Peak	Horizontal
	11662.2	41.8	12.3	54.1	74.0	-19.9	Peak	Horizontal
*	17482.0	41.1	17.2	58.3	88.2	-29.9	Peak	Horizontal
	7349.5	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
*	8715.0	35.8	9.0	44.8	88.2	-43.4	Peak	Vertical
	11662.2	39.7	12.3	52.0	74.0	-22.0	Peak	Vertical
*	17490.5	41.4	17.2	58.6	88.2	-29.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7416.6	36.2	8.0	44.2	74.0	-29.8	Peak	Horizontal
*	8724.8	35.3	9.0	44.3	88.2	-43.9	Peak	Horizontal
	11426.1	34.6	12.6	47.2	74.0	-26.8	Peak	Horizontal
*	14539.6	35.6	15.7	51.3	88.2	-36.9	Peak	Horizontal
	8263.5	35.8	8.1	43.9	74.0	-30.1	Peak	Vertical
*	10380.0	34.2	12.3	46.5	88.2	-41.7	Peak	Vertical
	11463.8	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
*	12749.4	35.0	11.7	46.7	88.2	-41.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	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
	8425.9	35.4	8.2	43.6	74.0	-30.4	Peak	Horizontal
*	10452.0	42.4	12.0	54.4	88.2	-33.8	Peak	Horizontal
	15688.0	39.7	11.9	51.6	74.0	-22.4	Peak	Horizontal
*	16853.2	35.4	15.1	50.5	88.2	-37.7	Peak	Horizontal
	8352.7	36.2	8.0	44.2	74.0	-29.8	Peak	Vertical
*	10460.5	44.2	12.1	56.3	88.2	-31.9	Peak	Vertical
	11493.8	34.8	12.8	47.6	74.0	-26.4	Peak	Vertical
*	13452.1	34.7	13.7	48.4	88.2	-39.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	54	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8327.5	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	10537.0	39.7	12.5	52.2	88.2	-36.0	Peak	Horizontal
	11482.6	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
*	12710.5	34.6	11.7	46.3	88.2	-41.9	Peak	Horizontal
	7359.3	36.8	8.0	44.8	74.0	-29.2	Peak	Vertical
*	10537.0	41.6	12.5	54.1	88.2	-34.1	Peak	Vertical
	11482.1	36.0	12.7	48.7	74.0	-25.3	Peak	Vertical
*	13482.6	35.1	13.7	48.8	88.2	-39.4	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	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
	7359.3	36.3	8.0	44.3	74.0	-29.7	Peak	Horizontal
*	8653.5	34.8	8.8	43.6	88.2	-44.6	Peak	Horizontal
	10613.5	40.3	12.4	52.7	74.0	-21.3	Peak	Horizontal
*	12762.8	34.9	11.7	46.6	88.2	-41.6	Peak	Horizontal
	8348.6	35.8	8.0	43.8	74.0	-30.2	Peak	Vertical
*	9253.7	34.5	10.2	44.7	88.2	-43.5	Peak	Vertical
	10622.0	39.9	12.4	52.3	74.0	-21.7	Peak	Vertical
*	12742.5	34.9	11.7	46.6	88.2	-41.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	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
	7359.2	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
*	8649.8	35.0	8.8	43.8	88.2	-44.4	Peak	Horizontal
	11004.5	37.7	13.0	50.7	74.0	-23.3	Peak	Horizontal
*	12746.3	35.8	11.7	47.5	88.2	-40.7	Peak	Horizontal
	7352.5	36.7	8.0	44.7	74.0	-29.3	Peak	Vertical
*	8627.0	35.1	8.8	43.9	88.2	-44.3	Peak	Vertical
	11021.5	38.1	13.0	51.1	74.0	-22.9	Peak	Vertical
*	12746.7	34.5	11.7	46.2	88.2	-42.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	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
	9126.0	38.0	9.7	47.7	74.0	-26.3	Peak	Horizontal
*	9645.8	34.0	11.0	45.0	88.2	-43.2	Peak	Horizontal
	11183.0	38.1	12.6	50.7	74.0	-23.3	Peak	Horizontal
*	12954.9	33.9	12.1	46.0	88.2	-42.2	Peak	Horizontal
	7389.5	35.6	7.9	43.5	74.0	-30.5	Peak	Vertical
*	8653.3	35.0	8.8	43.8	88.2	-44.4	Peak	Vertical
	11180.0	35.4	12.6	48.0	74.0	-26.0	Peak	Vertical
*	12863.9	34.2	12.0	46.2	88.2	-42.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	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
	7348.2	35.3	8.0	43.3	74.0	-30.7	Peak	Horizontal
*	9248.7	34.1	10.2	44.3	88.2	-43.9	Peak	Horizontal
	11336.0	36.7	12.5	49.2	74.0	-24.8	Peak	Horizontal
*	13486.3	34.7	13.7	48.4	88.2	-39.8	Peak	Horizontal
	7348.5	35.5	8.0	43.5	74.0	-30.5	Peak	Vertical
*	8649.7	35.2	8.8	44.0	88.2	-44.2	Peak	Vertical
	11340.0	35.5	12.5	48.0	74.0	-26.0	Peak	Vertical
*	12746.4	34.5	11.7	46.2	88.2	-42.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7367.2	37.0	8.0	45.0	74.0	-29.0	Peak	Horizontal
*	9295.7	35.0	10.3	45.3	88.2	-42.9	Peak	Horizontal
	11517.5	38.9	12.8	51.7	74.0	-22.3	Peak	Horizontal
*	17277.8	41.1	16.1	57.2	88.2	-31.0	Peak	Horizontal
	7367.0	36.4	8.0	44.4	74.0	-29.6	Peak	Vertical
*	8662.7	35.5	8.8	44.3	88.2	-43.9	Peak	Vertical
	11517.5	36.8	12.8	49.6	74.0	-24.4	Peak	Vertical
*	12861.7	35.6	11.9	47.5	88.2	-40.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7364.1	36.2	8.0	44.2	74.0	-29.8	Peak	Horizontal
*	9272.8	35.2	10.3	45.5	88.2	-42.7	Peak	Horizontal
	11602.6	38.6	12.6	51.2	74.0	-22.8	Peak	Horizontal
*	17388.4	40.6	17.0	57.6	88.2	-30.6	Peak	Horizontal
	7361.7	36.6	8.0	44.6	74.0	-29.4	Peak	Vertical
*	9225.7	35.2	10.1	45.3	88.2	-42.9	Peak	Vertical
	11602.6	38.4	12.6	51.0	74.0	-23.0	Peak	Vertical
*	17405.4	39.2	17.0	56.2	88.2	-32.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	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
	8462.6	36.2	8.2	44.4	74.0	-29.6	Peak	Horizontal
*	10358.5	41.7	12.2	53.9	88.2	-34.3	Peak	Horizontal
	15535.0	38.4	12.2	50.6	74.0	-23.4	Peak	Horizontal
*	16580.5	35.0	13.7	48.7	88.2	-39.5	Peak	Horizontal
	7325.5	37.1	8.0	45.1	74.0	-28.9	Peak	Vertical
*	10358.5	44.9	12.2	57.1	88.2	-31.1	Peak	Vertical
	11472.6	34.4	12.7	47.1	74.0	-26.9	Peak	Vertical
*	12836.6	34.4	11.9	46.3	88.2	-41.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	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
	8653.9	35.2	8.8	44.0	74.0	-30.0	Peak	Horizontal
*	10435.0	46.0	12.0	58.0	88.2	-30.2	Peak	Horizontal
	15654.0	43.1	12.0	55.1	74.0	-18.9	Peak	Horizontal
	15659.8	27.5	12.0	39.5	54.0	-14.5	Average	Horizontal
*	16801.5	36.1	14.8	50.9	88.2	-37.3	Peak	Horizontal
	7315.5	36.6	8.0	44.6	74.0	-29.4	Peak	Vertical
*	10435.0	47.0	12.0	59.0	88.2	-29.2	Peak	Vertical
	15671.0	38.9	11.9	50.8	74.0	-23.2	Peak	Vertical
*	16810.0	36.2	14.9	51.1	88.2	-37.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	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
	7545.0	36.7	8.3	45.0	74.0	-29.0	Peak	Horizontal
*	10477.5	45.6	12.2	57.8	88.2	-30.4	Peak	Horizontal
	15730.5	40.7	11.8	52.5	74.0	-21.5	Peak	Horizontal
*	16699.5	34.8	14.5	49.3	88.2	-38.9	Peak	Horizontal
	7375.0	37.3	7.9	45.2	74.0	-28.8	Peak	Vertical
*	10477.5	47.4	12.2	59.6	88.2	-28.6	Peak	Vertical
	15722.0	40.0	11.8	51.8	74.0	-22.2	Peak	Vertical
*	16801.5	35.9	14.8	50.7	88.2	-37.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	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
	8072.0	36.8	8.7	45.5	74.0	-28.5	Peak	Horizontal
*	10520.0	43.3	12.4	55.7	88.2	-32.5	Peak	Horizontal
	12058.5	36.3	12.0	48.3	74.0	-25.7	Peak	Horizontal
*	13716.0	36.4	14.1	50.5	88.2	-37.7	Peak	Horizontal
	7528.0	36.8	8.3	45.1	74.0	-28.9	Peak	Vertical
*	10520.0	42.2	12.4	54.6	88.2	-33.6	Peak	Vertical
	12101.0	35.8	12.0	47.8	74.0	-26.2	Peak	Vertical
*	13673.5	35.7	13.9	49.6	88.2	-38.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	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
	7290.0	36.7	8.0	44.7	74.0	-29.3	Peak	Horizontal
*	8718.0	35.7	9.0	44.7	88.2	-43.5	Peak	Horizontal
	10596.5	43.1	12.4	55.5	74.0	-18.5	Peak	Horizontal
	10598.4	29.5	12.4	41.9	54.0	-12.1	Average	Horizontal
*	13002.0	36.1	12.2	48.3	88.2	-39.9	Peak	Horizontal
	7494.0	36.7	8.2	44.9	74.0	-29.1	Peak	Vertical
*	8828.5	35.8	9.1	44.9	88.2	-43.3	Peak	Vertical
	10600.0	32.9	12.4	45.3	54.0	-8.7	Average	Vertical
	10605.0	44.1	12.4	56.5	74.0	-17.5	Peak	Vertical
*	13053.0	35.8	12.3	48.1	88.2	-40.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7273.0	36.7	8.0	44.7	74.0	-29.3	Peak	Horizontal
*	9245.0	35.9	10.2	46.1	88.2	-42.1	Peak	Horizontal
	10630.5	40.8	12.4	53.2	74.0	-20.8	Peak	Horizontal
*	13529.0	35.5	13.8	49.3	88.2	-38.9	Peak	Horizontal
	7352.4	35.5	8.0	43.5	74.0	-30.5	Peak	Horizontal
*	8648.6	35.0	8.8	43.8	88.2	-44.4	Peak	Vertical
	10639.0	44.0	12.3	56.3	74.0	-17.7	Peak	Vertical
	10640.0	32.0	12.3	44.3	54.0	-9.7	Average	Vertical
*	12764.0	34.8	11.7	46.5	88.2	-41.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	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
	7359.6	36.0	8.0	44.0	74.0	-30.0	Peak	Horizontal
*	9247.2	34.8	10.2	45.0	88.2	-43.2	Peak	Horizontal
	10999.7	28.2	13.0	41.2	54.0	-12.8	Average	Horizontal
	11004.5	41.4	13.0	54.4	74.0	-19.6	Peak	Horizontal
*	13462.4	34.8	13.7	48.5	88.2	-39.7	Peak	Horizontal
	7352.8	36.2	8.0	44.2	74.0	-29.8	Peak	Vertical
*	9248.7	34.8	10.2	45.0	88.2	-43.2	Peak	Vertical
	10996.0	41.1	13.0	54.1	74.0	-19.9	Peak	Vertical
	10999.7	29.6	13.0	42.6	54.0	-11.4	Average	Vertical
*	12749.7	34.8	11.7	46.5	88.2	-41.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	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
	7347.5	35.6	8.0	43.6	74.0	-30.4	Peak	Horizontal
*	9246.3	34.9	10.2	45.1	88.2	-43.1	Peak	Horizontal
	11200.0	39.5	12.5	52.0	74.0	-22.0	Peak	Horizontal
*	12748.9	34.5	11.7	46.2	88.2	-42.0	Peak	Horizontal
	7347.0	35.2	8.0	43.2	74.0	-30.8	Peak	Vertical
*	9263.9	35.0	10.3	45.3	88.2	-42.9	Peak	Vertical
	11200.0	38.0	12.5	50.5	74.0	-23.5	Peak	Vertical
*	12763.5	34.8	11.7	46.5	88.2	-41.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	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
	7359.6	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
*	9247.5	34.4	10.2	44.6	88.2	-43.6	Peak	Horizontal
	11400.0	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
*	12749.6	35.3	11.7	47.0	88.2	-41.2	Peak	Horizontal
	7342.0	36.6	8.0	44.6	74.0	-29.4	Peak	Vertical
*	9246.3	34.3	10.2	44.5	88.2	-43.7	Peak	Vertical
	11400.0	34.7	12.6	47.3	74.0	-26.7	Peak	Vertical
*	12793.5	34.3	11.7	46.0	88.2	-42.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7325.2	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
*	9243.3	35.1	10.2	45.3	88.2	-42.9	Peak	Horizontal
	11438.0	41.4	12.6	54.0	74.0	-20.0	Peak	Horizontal
	11440.1	29.6	12.7	42.3	54.0	-11.7	Average	Horizontal
*	17158.5	41.6	15.7	57.3	88.2	-30.9	Peak	Horizontal
	7326.2	35.6	8.0	43.6	74.0	-30.4	Peak	Vertical
*	9248.9	34.8	10.2	45.0	88.2	-43.2	Peak	Vertical
	11438.0	40.3	12.6	52.9	74.0	-21.1	Peak	Vertical
*	17158.5	39.2	15.7	54.9	88.2	-33.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	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
	7313.1	36.7	8.0	44.7	74.0	-29.3	Peak	Horizontal
*	9256.0	34.9	10.2	45.1	88.2	-43.1	Peak	Horizontal
	11500.5	42.5	12.8	55.3	74.0	-18.7	Peak	Horizontal
	11501.3	31.7	12.8	44.5	54.0	-9.5	Average	Horizontal
*	17252.2	42.2	15.9	58.1	88.2	-30.1	Peak	Horizontal
	7355.8	35.9	8.0	43.9	74.0	-30.1	Peak	Vertical
*	9291.8	34.9	10.3	45.2	88.2	-43.0	Peak	Vertical
	11500.5	40.4	12.8	53.2	74.0	-20.8	Peak	Vertical
*	17252.2	38.9	15.9	54.8	88.2	-33.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	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
	7353.9	35.6	8.0	43.6	74.0	-30.4	Peak	Horizontal
*	9248.7	34.6	10.2	44.8	88.2	-43.4	Peak	Horizontal
	11574.0	40.8	12.6	53.4	74.0	-20.6	Peak	Horizontal
*	17354.0	41.4	16.9	58.3	88.2	-29.9	Peak	Horizontal
	7346.9	35.3	8.0	43.3	74.0	-30.7	Peak	Vertical
*	9248.9	35.0	10.2	45.2	88.2	-43.0	Peak	Vertical
	11582.5	37.5	12.6	50.1	74.0	-23.9	Peak	Vertical
*	17354.0	40.1	16.9	57.0	88.2	-31.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7394.3	36.2	7.9	44.1	74.0	-29.9	Peak	Horizontal
*	9283.3	35.2	10.3	45.5	88.2	-42.7	Peak	Horizontal
	11662.2	41.6	12.3	53.9	74.0	-20.1	Peak	Horizontal
*	17490.5	43.2	17.2	60.4	88.2	-27.8	Peak	Horizontal
	7347.5	35.9	8.0	43.9	74.0	-30.1	Peak	Vertical
*	9288.3	35.0	10.3	45.3	88.2	-42.9	Peak	Vertical
	11662.2	40.5	12.3	52.8	74.0	-21.2	Peak	Vertical
*	17490.5	41.5	17.2	58.7	88.2	-29.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8359.6	36.4	8.0	44.4	74.0	-29.6	Peak	Horizontal
*	10375.5	37.9	12.2	50.1	88.2	-38.1	Peak	Horizontal
	11633.0	34.4	12.4	46.8	74.0	-27.2	Peak	Horizontal
*	14527.0	35.2	15.7	50.9	88.2	-37.3	Peak	Horizontal
	8364.9	36.2	8.0	44.2	74.0	-29.8	Peak	Vertical
*	10384.0	40.0	12.3	52.3	88.2	-35.9	Peak	Vertical
	11492.8	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
*	13679.3	34.6	14.0	48.6	88.2	-39.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	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
	9142.4	34.4	9.8	44.2	74.0	-29.8	Peak	Horizontal
*	10460.5	43.1	12.1	55.2	88.2	-33.0	Peak	Horizontal
	11482.9	34.8	12.7	47.5	74.0	-26.5	Peak	Horizontal
*	12784.3	34.9	11.7	46.6	88.2	-41.6	Peak	Horizontal
	7319.4	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
*	10460.5	45.0	12.1	57.1	88.2	-31.1	Peak	Vertical
	11952.9	34.5	11.9	46.4	74.0	-27.6	Peak	Vertical
*	12746.3	34.5	11.7	46.2	88.2	-42.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8245.2	36.0	8.1	44.1	74.0	-29.9	Peak	Horizontal
*	10537.0	39.2	12.5	51.7	88.2	-36.5	Peak	Horizontal
	11586.9	35.2	12.6	47.8	74.0	-26.2	Peak	Horizontal
*	13426.9	33.9	13.6	47.5	88.2	-40.7	Peak	Horizontal
	8426.4	35.8	8.2	44.0	74.0	-30.0	Peak	Vertical
*	10537.0	41.4	12.5	53.9	88.2	-34.3	Peak	Vertical
	11473.9	34.1	12.7	46.8	74.0	-27.2	Peak	Vertical
*	14536.9	34.0	15.7	49.7	88.2	-38.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	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
	7354.8	35.1	8.0	43.1	74.0	-30.9	Peak	Horizontal
*	9526.4	34.7	10.7	45.4	88.2	-42.8	Peak	Horizontal
	10622.0	39.0	12.4	51.4	74.0	-22.6	Peak	Horizontal
*	13491.1	33.8	13.7	47.5	88.2	-40.7	Peak	Horizontal
	7359.6	36.6	8.0	44.6	74.0	-29.4	Peak	Vertical
*	9246.6	34.6	10.2	44.8	88.2	-43.4	Peak	Vertical
	10622.0	40.8	12.4	53.2	74.0	-20.8	Peak	Vertical
*	13426.9	34.1	13.6	47.7	88.2	-40.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	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
	7352.9	35.9	8.0	43.9	74.0	-30.1	Peak	Horizontal
*	8653.6	35.3	8.8	44.1	88.2	-44.1	Peak	Horizontal
	11038.5	38.2	12.9	51.1	74.0	-22.9	Peak	Horizontal
*	12743.1	34.3	11.7	46.0	88.2	-42.2	Peak	Horizontal
	7416.3	36.7	8.0	44.7	74.0	-29.3	Peak	Vertical
*	9548.4	34.7	10.8	45.5	88.2	-42.7	Peak	Vertical
	11021.5	39.9	13.0	52.9	74.0	-21.1	Peak	Vertical
*	12749.6	34.4	11.7	46.1	88.2	-42.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	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
	7326.4	35.7	8.0	43.7	74.0	-30.3	Peak	Horizontal
*	9247.9	34.4	10.2	44.6	88.2	-43.6	Peak	Horizontal
	11180.0	36.5	12.6	49.1	74.0	-24.9	Peak	Horizontal
*	13492.1	33.9	13.7	47.6	88.2	-40.6	Peak	Horizontal
	7306.9	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
*	9241.6	34.7	10.2	44.9	88.2	-43.3	Peak	Vertical
	11180.0	35.7	12.6	48.3	74.0	-25.7	Peak	Vertical
*	13420.6	34.2	13.6	47.8	88.2	-40.4	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7326.9	35.2	8.0	43.2	74.0	-30.8	Peak	Horizontal
*	9526.4	34.4	10.7	45.1	88.2	-43.1	Peak	Horizontal
	11340.0	36.4	12.5	48.9	74.0	-25.1	Peak	Horizontal
*	12793.7	34.6	11.7	46.3	88.2	-41.9	Peak	Horizontal
	7350.0	35.5	8.0	43.5	74.0	-30.5	Peak	Vertical
*	9248.3	34.9	10.2	45.1	88.2	-43.1	Peak	Vertical
	11340.0	34.8	12.5	47.3	74.0	-26.7	Peak	Vertical
*	12748.3	34.4	11.7	46.1	88.2	-42.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7326.3	36.4	8.0	44.4	74.0	-29.6	Peak	Horizontal
*	9246.4	34.6	10.2	44.8	88.2	-43.4	Peak	Horizontal
	11420.0	36.0	12.6	48.6	74.0	-25.4	Peak	Horizontal
*	13426.4	34.1	13.6	47.7	88.2	-40.5	Peak	Horizontal
	7306.5	35.1	8.0	43.1	74.0	-30.9	Peak	Vertical
*	9207.3	34.7	10.1	44.8	88.2	-43.4	Peak	Vertical
	11420.0	35.0	12.6	47.6	74.0	-26.4	Peak	Vertical
*	13426.3	33.8	13.6	47.4	88.2	-40.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	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
	7366.8	35.5	8.0	43.5	74.0	-30.5	Peak	Horizontal
*	9216.7	35.0	10.1	45.1	88.2	-43.1	Peak	Horizontal
	11517.5	40.1	12.8	52.9	74.0	-21.1	Peak	Horizontal
*	17286.3	40.2	16.1	56.3	88.2	-31.9	Peak	Horizontal
	7337.3	35.8	8.0	43.8	74.0	-30.2	Peak	Vertical
*	9255.4	35.5	10.2	45.7	88.2	-42.5	Peak	Vertical
	11526.0	37.9	12.8	50.7	74.0	-23.3	Peak	Vertical
*	13429.4	34.2	13.6	47.8	88.2	-40.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	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
	7331.4	35.1	8.0	43.1	74.0	-30.9	Peak	Horizontal
*	9250.8	35.0	10.2	45.2	88.2	-43.0	Peak	Horizontal
	11602.6	38.6	12.6	51.2	74.0	-22.8	Peak	Horizontal
*	17413.9	38.6	17.1	55.7	88.2	-32.5	Peak	Horizontal
	7333.7	36.0	8.0	44.0	74.0	-30.0	Peak	Vertical
*	9223.5	35.0	10.1	45.1	88.2	-43.1	Peak	Vertical
	11602.6	37.3	12.6	49.9	74.0	-24.1	Peak	Vertical
*	13419.8	35.0	13.7	48.7	88.2	-39.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	42	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
	8356.3	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	10420.0	35.1	12.2	47.3	88.2	-40.9	Peak	Horizontal
	12536.2	34.7	11.3	46.0	74.0	-28.0	Peak	Horizontal
*	14593.0	34.2	15.7	49.9	88.2	-38.3	Peak	Horizontal
	7320.4	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	10418.0	37.1	12.2	49.3	88.2	-38.9	Peak	Vertical
	12053.9	34.7	12.0	46.7	74.0	-27.3	Peak	Vertical
*	14526.1	34.3	15.7	50.0	88.2	-38.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	58	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
	8326.3	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	10579.5	37.4	12.4	49.8	88.2	-38.4	Peak	Horizontal
	11526.4	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
*	12748.2	34.8	11.7	46.5	88.2	-41.7	Peak	Horizontal
	7315.2	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	10596.5	38.0	12.4	50.4	88.2	-37.8	Peak	Vertical
	11426.1	35.0	12.6	47.6	74.0	-26.4	Peak	Vertical
*	14565.6	34.0	15.6	49.6	88.2	-38.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	106	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7349.9	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	9246.5	34.5	10.2	44.7	88.2	-43.5	Peak	Horizontal
	11060.0	34.6	12.9	47.5	74.0	-26.5	Peak	Horizontal
*	12756.2	35.0	11.7	46.7	88.2	-41.5	Peak	Horizontal
	7353.0	35.8	8.0	43.8	74.0	-30.2	Peak	Vertical
*	9543.9	34.6	10.8	45.4	88.2	-42.8	Peak	Vertical
	11060.0	34.9	12.9	47.8	74.0	-26.2	Peak	Vertical
*	12798.1	35.2	11.7	46.9	88.2	-41.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	122	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.		

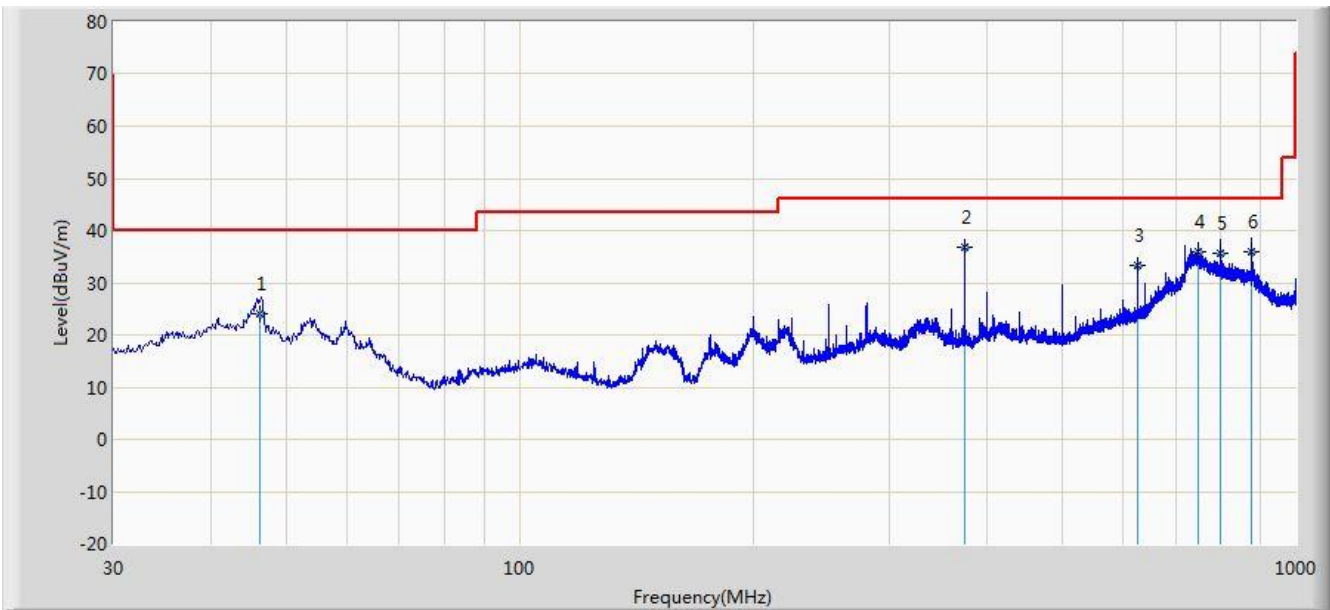| Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	9126.3	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
*	9623.8	34.0	10.9	44.9	88.2	-43.3	Peak	Horizontal
	11823.4	35.1	11.9	47.0	74.0	-27.0	Peak	Horizontal
*	13424.8	34.6	13.6	48.2	88.2	-40.0	Peak	Horizontal
	9136.4	35.0	9.7	44.7	74.0	-29.3	Peak	Vertical
*	9527.4	34.2	10.7	44.9	88.2	-43.3	Peak	Vertical
	11823.8	34.8	11.9	46.7	74.0	-27.3	Peak	Vertical
*	13492.3	35.0	13.7	48.7	88.2	-39.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	138	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7356.3	35.5	8.0	43.5	74.0	-30.5	Peak	Horizontal
*	9516.8	34.8	10.6	45.4	88.2	-42.8	Peak	Horizontal
	11380.0	35.6	12.6	48.2	74.0	-25.8	Peak	Horizontal
*	13496.3	35.0	13.7	48.7	88.2	-39.5	Peak	Horizontal
	7352.5	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	9453.9	34.5	10.5	45.0	88.2	-43.2	Peak	Vertical
	11380.0	35.0	12.6	47.6	74.0	-26.4	Peak	Vertical
*	12763.5	34.2	11.7	45.9	88.2	-42.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	155	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
	7382.4	38.0	7.9	45.9	74.0	-28.1	Peak	Horizontal
*	9620.1	35.6	10.9	46.5	88.2	-41.7	Peak	Horizontal
	11561.6	36.4	12.7	49.1	74.0	-24.9	Peak	Horizontal
*	14044.5	34.8	14.9	49.7	88.2	-38.5	Peak	Horizontal
	7661.4	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
*	9262.8	35.6	10.2	45.8	88.2	-42.4	Peak	Vertical
	11024.0	36.0	13.0	49.0	74.0	-25.0	Peak	Vertical
*	13738.2	35.5	14.1	49.6	88.2	-38.6	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)

The worst case of Radiated Emission below 1GHz:

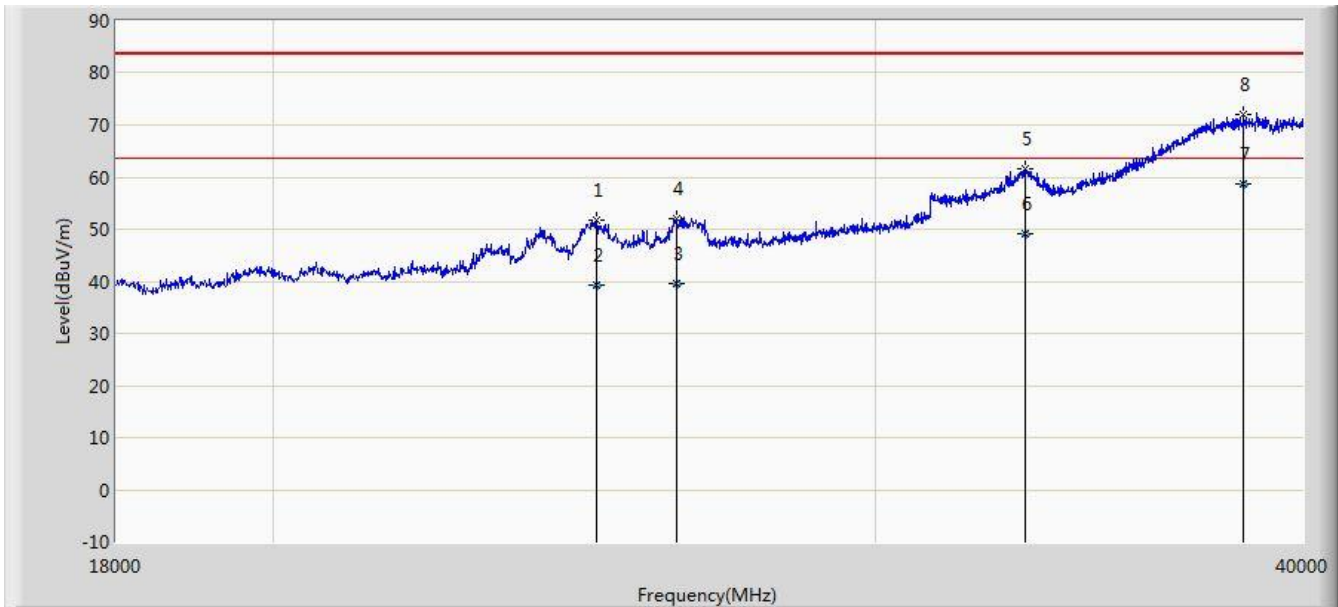| Engineer: Milo Li	
Site: AC1	Time: 2015/02/05 - 10:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			46.330	24.194	9.230	-15.806	40.000	14.964	QP
2		*	375.000	36.752	20.600	-9.248	46.000	16.152	QP
3			625.000	33.291	13.030	-12.709	46.000	20.261	QP
4			750.000	35.995	13.880	-10.005	46.000	22.115	QP
5			800.000	35.740	13.020	-10.260	46.000	22.720	QP
6			875.000	35.947	12.170	-10.053	46.000	23.776	QP

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

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

Engineer: Milo Li	
Site: AC1	Time: 2015/02/05 - 10:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	
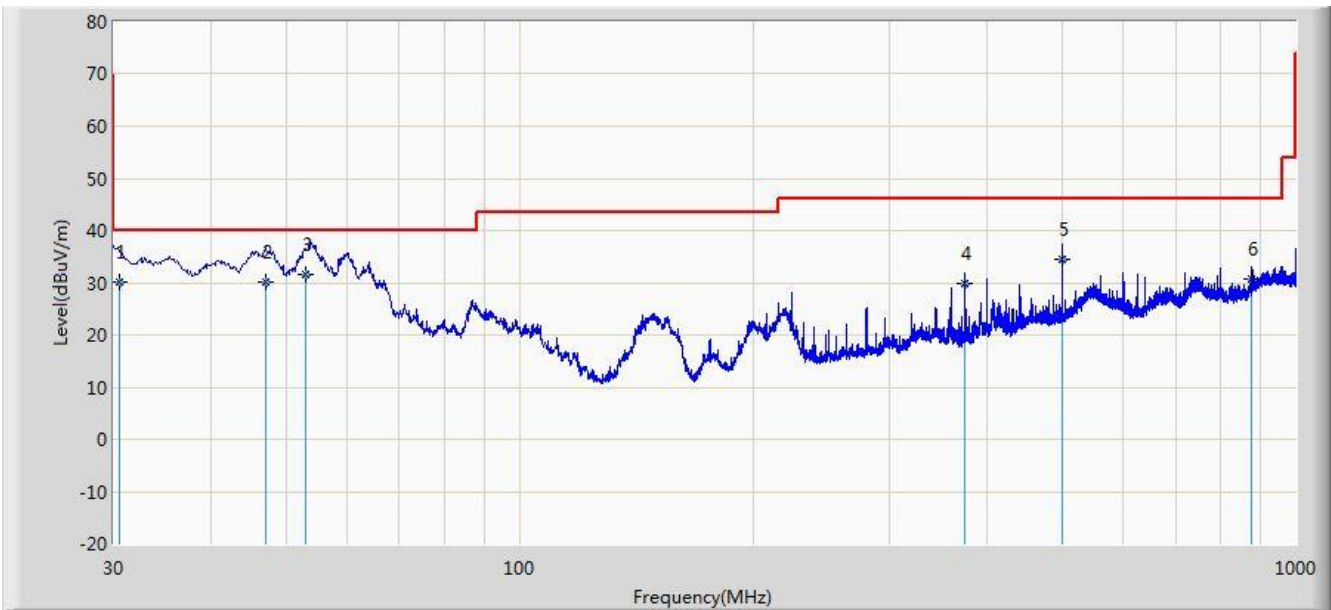
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.540	30.078	17.960	-9.922	40.000	12.118	QP
2			47.050	30.173	15.220	-9.827	40.000	14.952	QP
3		*	53.010	31.546	16.690	-8.454	40.000	14.857	QP
4			375.000	29.712	13.560	-16.288	46.000	16.152	QP
5			500.000	34.600	16.370	-11.400	46.000	18.230	QP
6			875.000	30.647	6.870	-15.353	46.000	23.776	QP

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

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

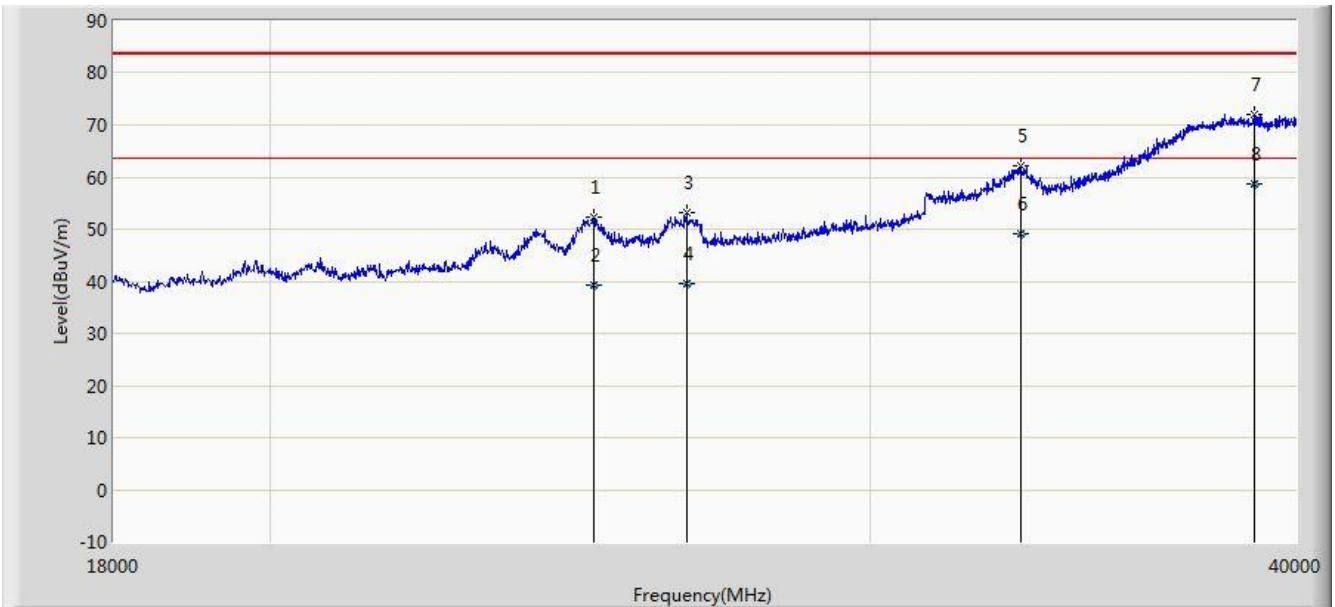| Site: AC1	Time: 2015/02/05 - 09:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	
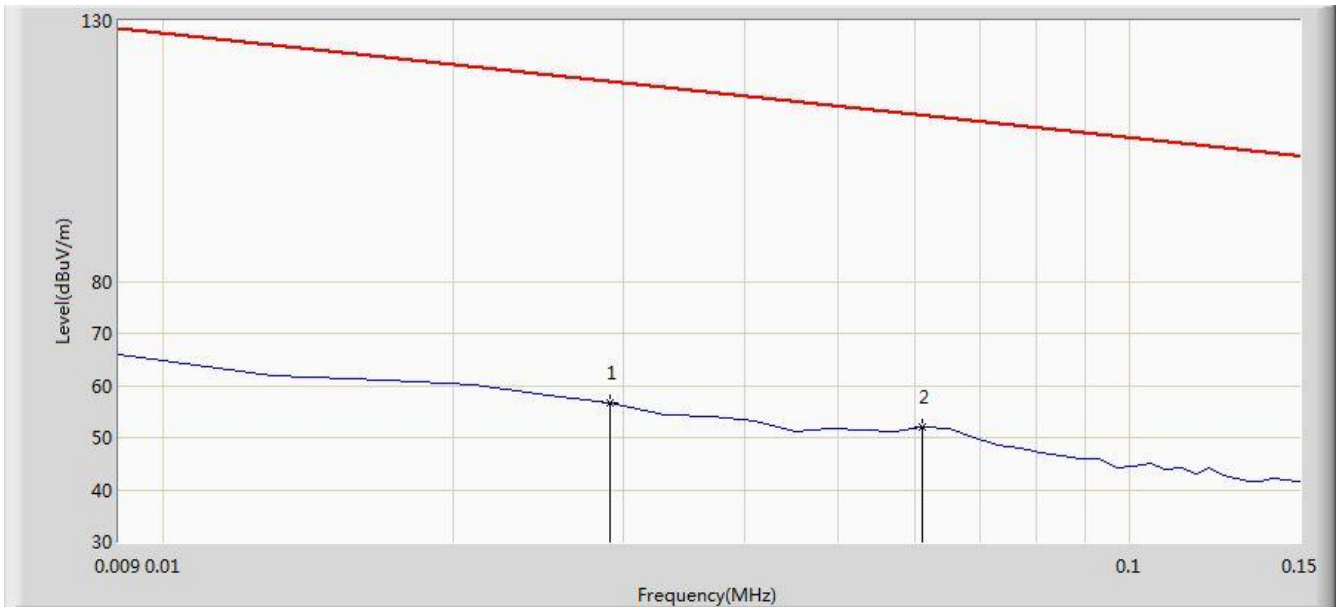
No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.610	35.660	-61.732	118.342	21.049	QP
2		*	0.061	51.899	31.588	-59.988	111.887	20.311	QP

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

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

Site: AC1	Time: 2015/02/05 - 09:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz

Note: There is the ambient noise within frequency range 9kHz~30MHz.
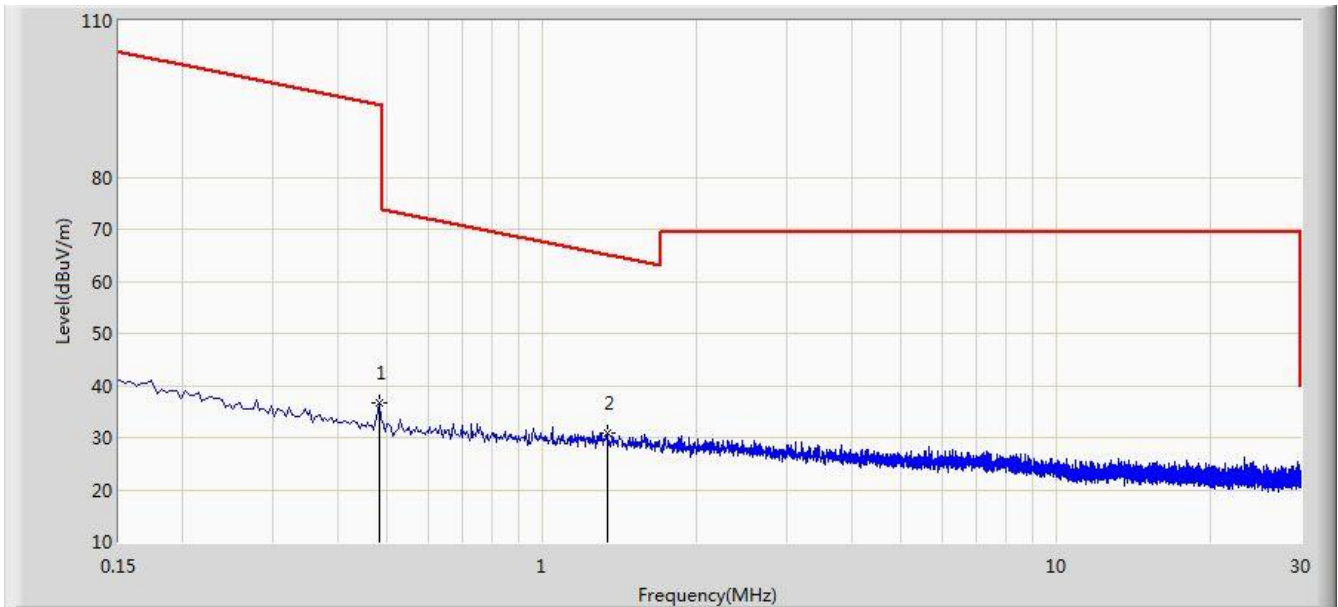
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.482	36.584	16.183	-57.359	93.943	20.401	QP
2		*	1.338	31.001	10.512	-34.098	65.099	20.489	QP

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

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

Site: AC1	Time: 2015/02/05 - 10:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	

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

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

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

Site: AC1	Time: 2015/02/05 - 10:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz

Note: There is the ambient noise within frequency range 18GHz~40GHz.

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

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

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

7.9. 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).

MHz	MHz	MHz	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	8.025 - 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 - 156.52525	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])

For 15.407(b) requirement:

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

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

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBuV/m)
5150 - 5250	-27	68.2
5725 - 5850	-17	78.2
	-27	68.2

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

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

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

7.9.2. Test Result of Radiated Restricted Band Edge

| Site: AC1	Time: 2015/01/14 - 11:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5150MHz by 802.11a Ant 0+1+2+3	
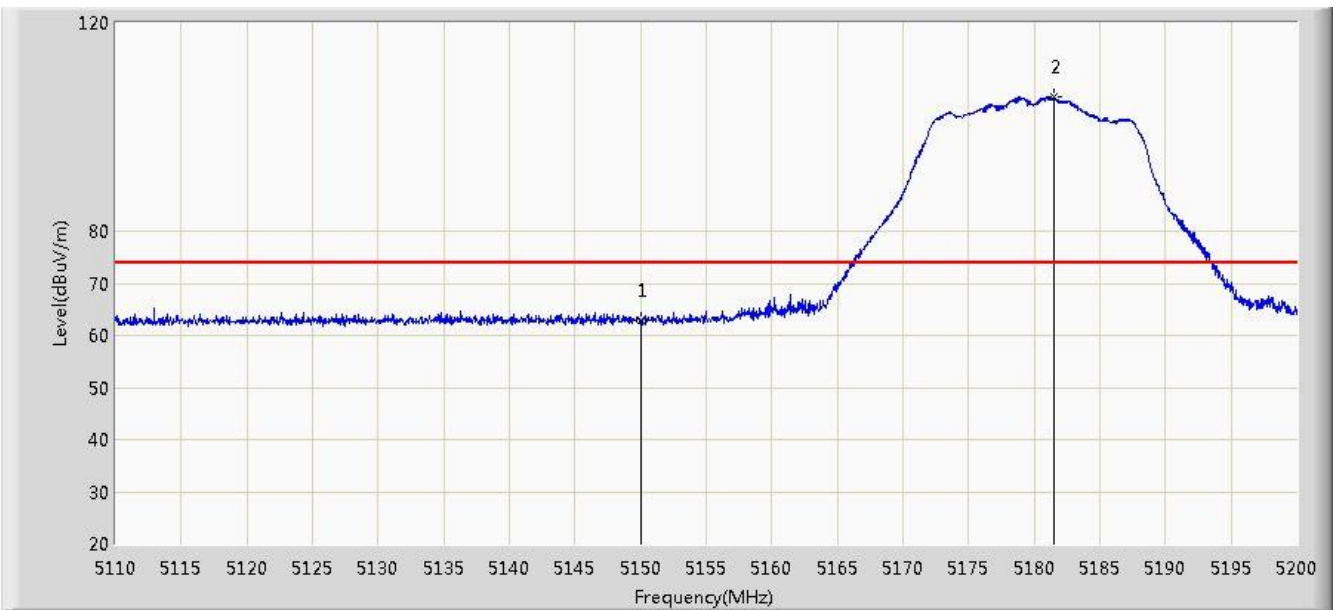
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.914	25.462	-11.086	74.000	37.452	PK
2		*	5181.460	105.654	68.284	N/A	N/A	37.370	PK

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

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

| Site: AC1	Time: 2015/01/14 - 12:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5150MHz by 802.11a Ant 0+1+2+3	
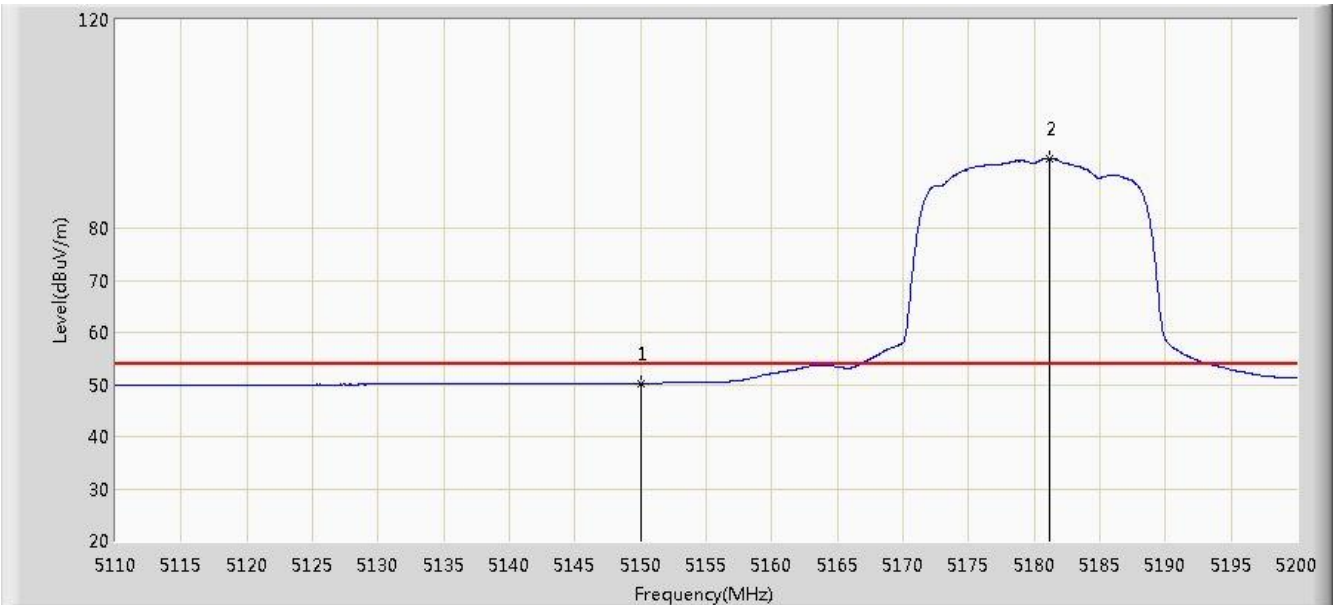
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.251	12.799	-3.749	54.000	37.452	AV
2		*	5181.190	93.337	55.966	N/A	N/A	37.371	AV

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

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

| Site: AC1	Time: 2015/01/14 - 12:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5150MHz by 802.11a Ant 0+1+2+3	
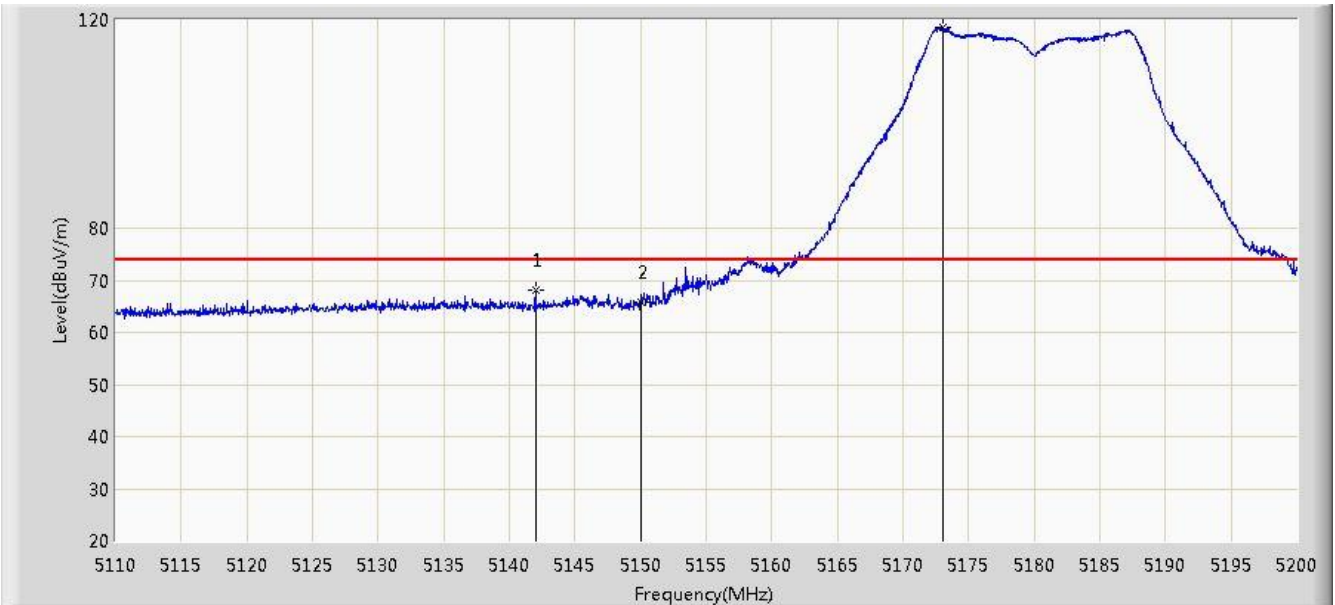
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5141.995	68.213	30.749	-5.787	74.000	37.464	PK
2			5150.000	65.767	28.315	-8.233	74.000	37.452	PK
3		*	5173.000	118.499	81.109	N/A	N/A	37.389	PK

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

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

| Site: AC1	Time: 2015/01/14 - 12:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5150MHz by 802.11a Ant 0+1+2+3	
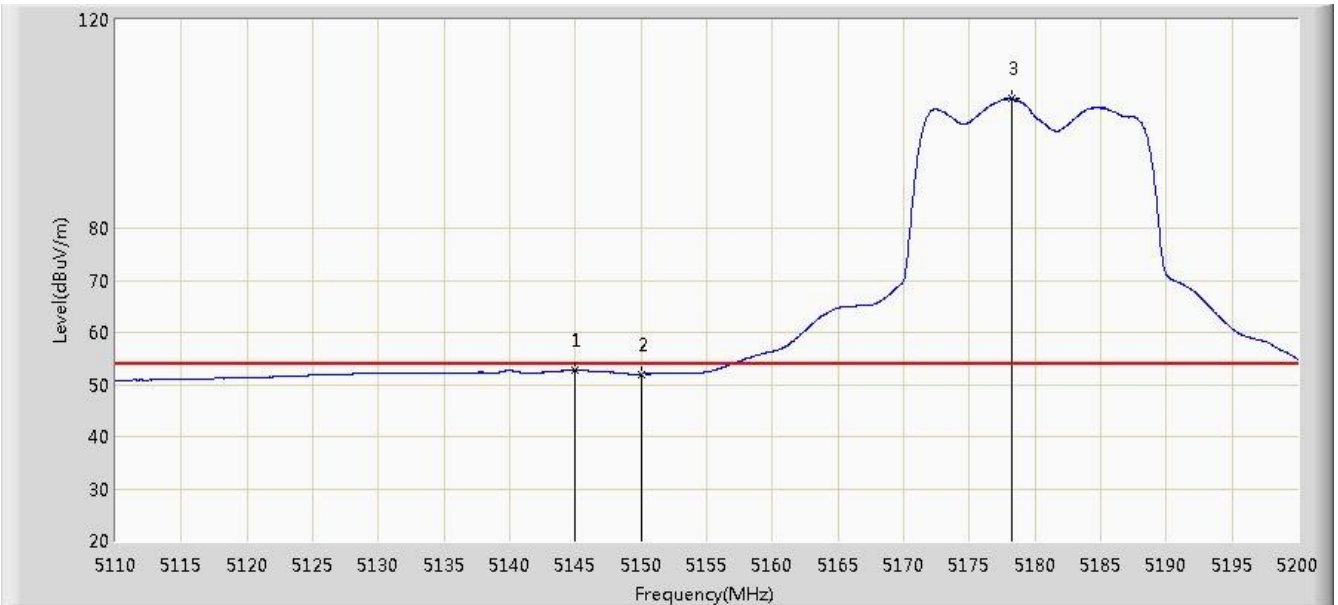
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.965	52.712	15.252	-1.288	54.000	37.460	AV
2			5150.000	52.018	14.566	-1.982	54.000	37.452	AV
3		*	5178.265	104.785	67.407	N/A	N/A	37.378	AV

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

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

Site: AC1	Time: 2015/01/14 - 13:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5320MHz by 802.11a Ant 0+1+2+3	
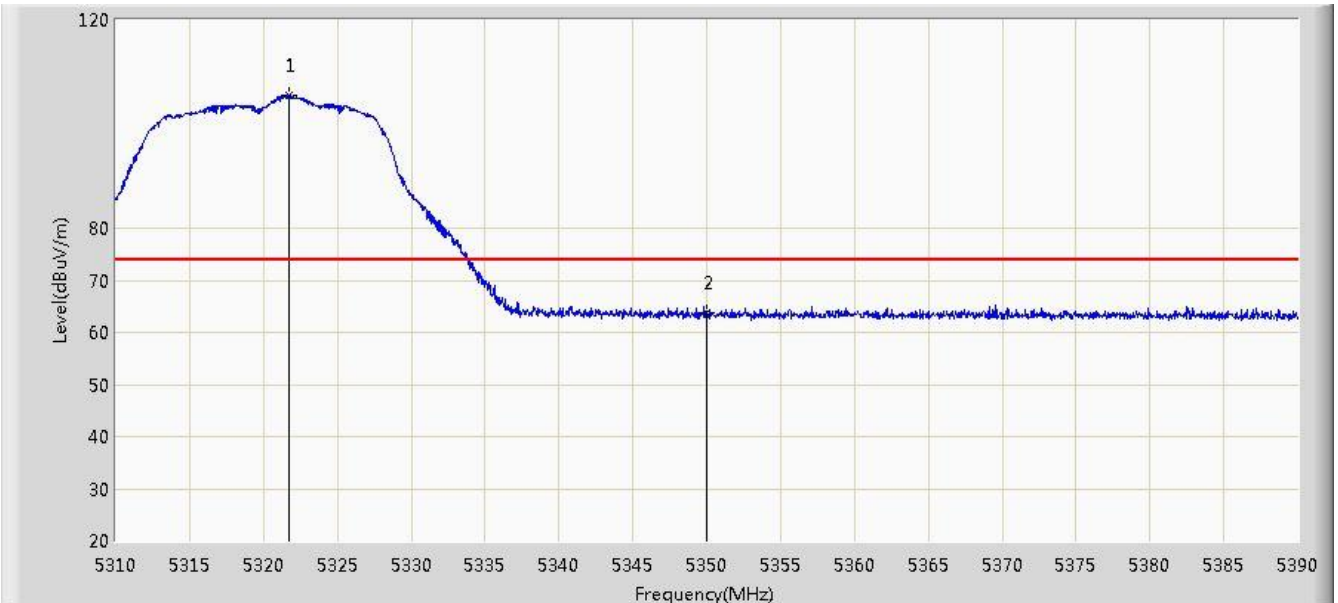
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.680	105.431	68.214	N/A	N/A	37.217	PK
2			5350.000	63.644	26.358	-10.356	74.000	37.286	PK

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

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

| Site: AC1	Time: 2015/01/14 - 13:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5320MHz by 802.11a Ant 0+1+2+3	
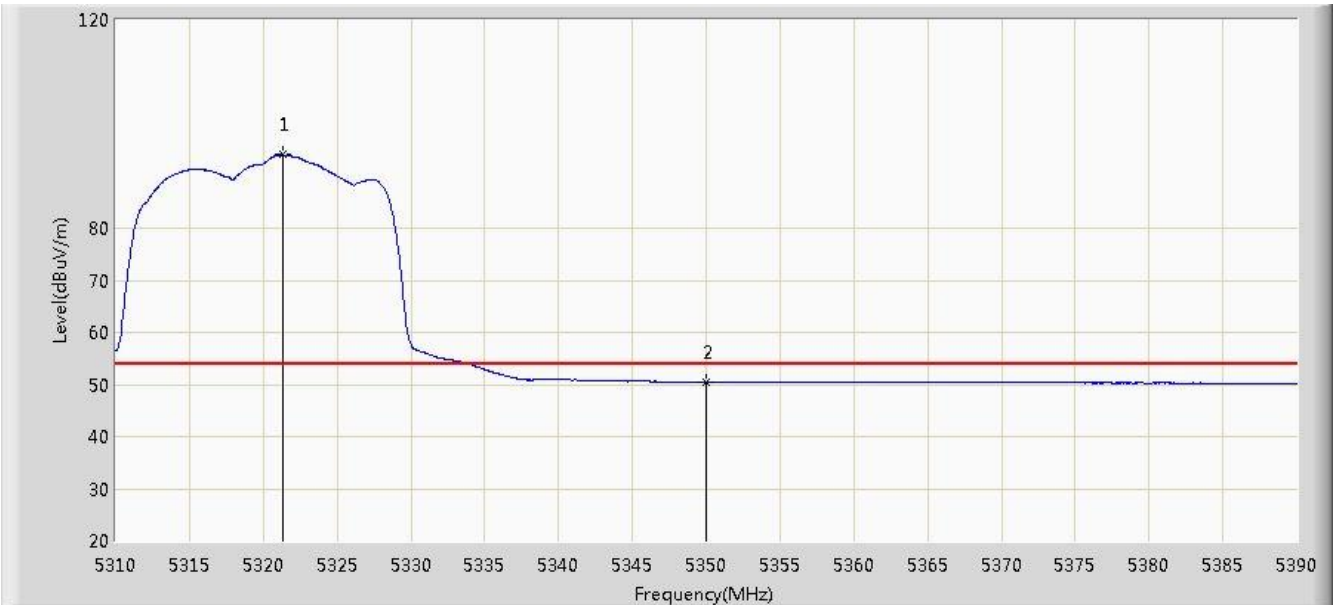
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.280	94.103	56.887	N/A	N/A	37.216	AV
2			5350.000	50.450	13.164	-3.550	54.000	37.286	AV

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

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

| Site: AC1	Time: 2015/01/14 - 13:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5320MHz by 802.11a Ant 0+1+2+3	
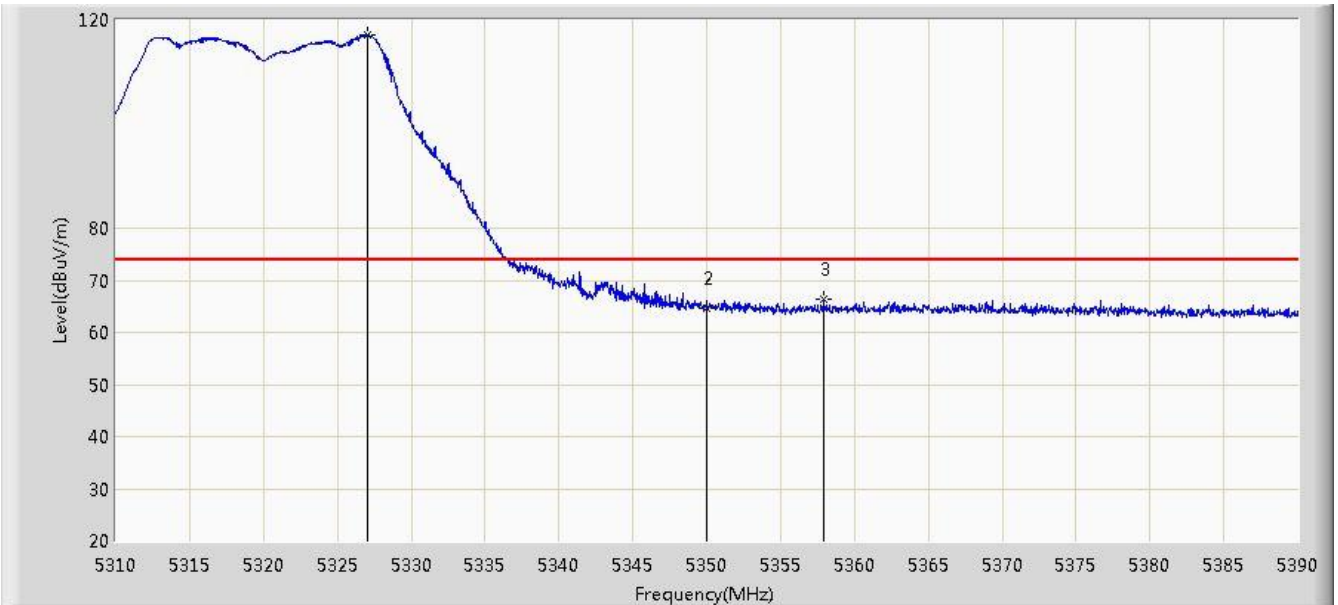
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5327.040	117.036	79.810	N/A	N/A	37.225	PK
2			5350.000	64.623	27.337	-9.377	74.000	37.286	PK
3			5357.920	66.458	29.149	-7.542	74.000	37.308	PK

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

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

| Site: AC1	Time: 2015/01/14 - 13:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5320MHz by 802.11a Ant 0+1+2+3	
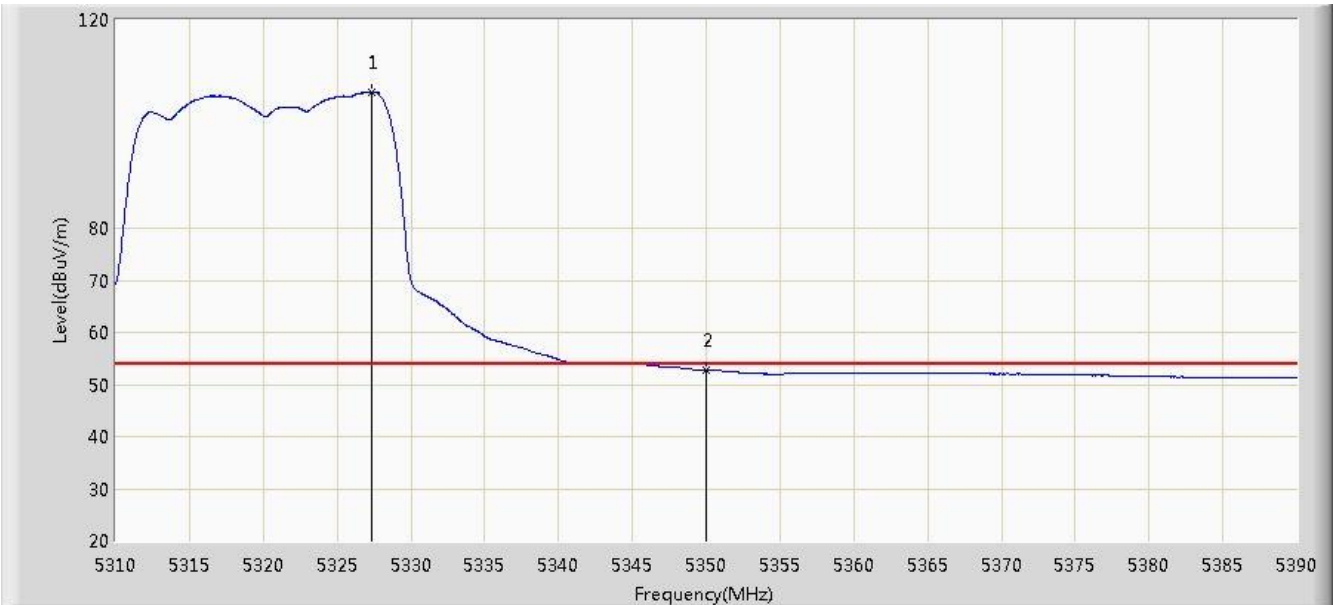
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5327.360	106.188	68.961	N/A	N/A	37.226	AV
2			5350.000	52.706	15.420	-1.294	54.000	37.286	AV

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

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

| Site: AC1	Time: 2015/01/14 - 13:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5500MHz by 802.11a Ant 0+1+2+3	
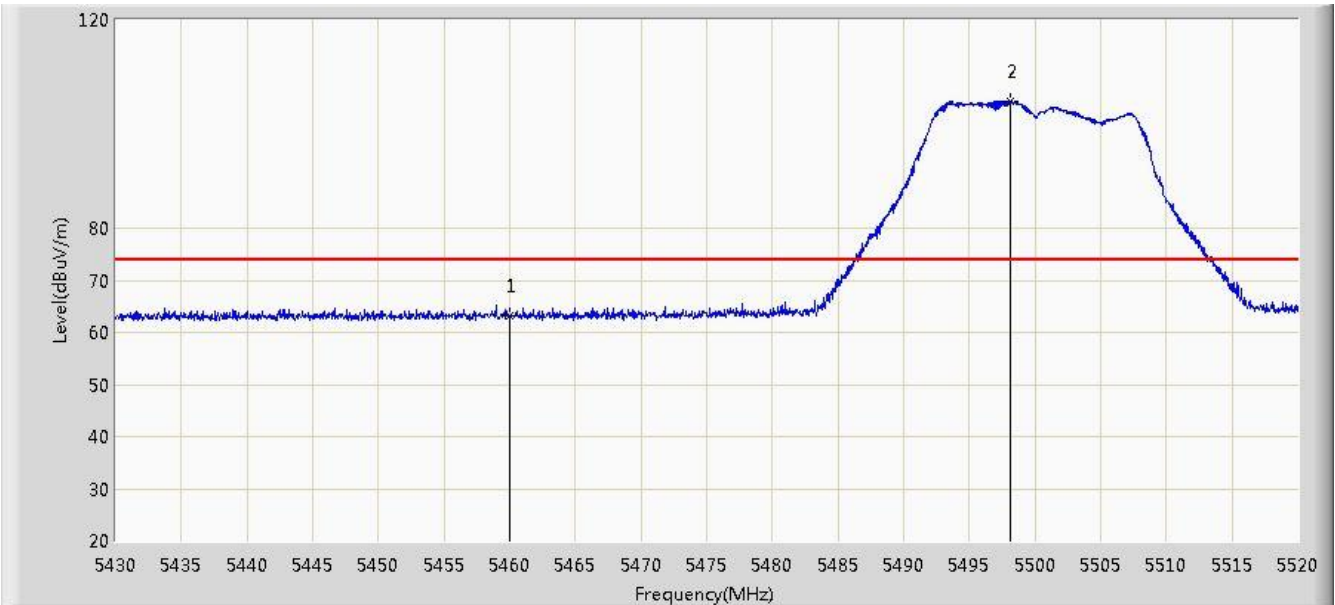
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	63.099	25.536	-10.901	74.000	37.563	PK
2		*	5498.130	104.363	66.741	N/A	N/A	37.623	PK

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

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

| Site: AC1	Time: 2015/01/14 - 13:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5500MHz by 802.11a Ant 0+1+2+3	
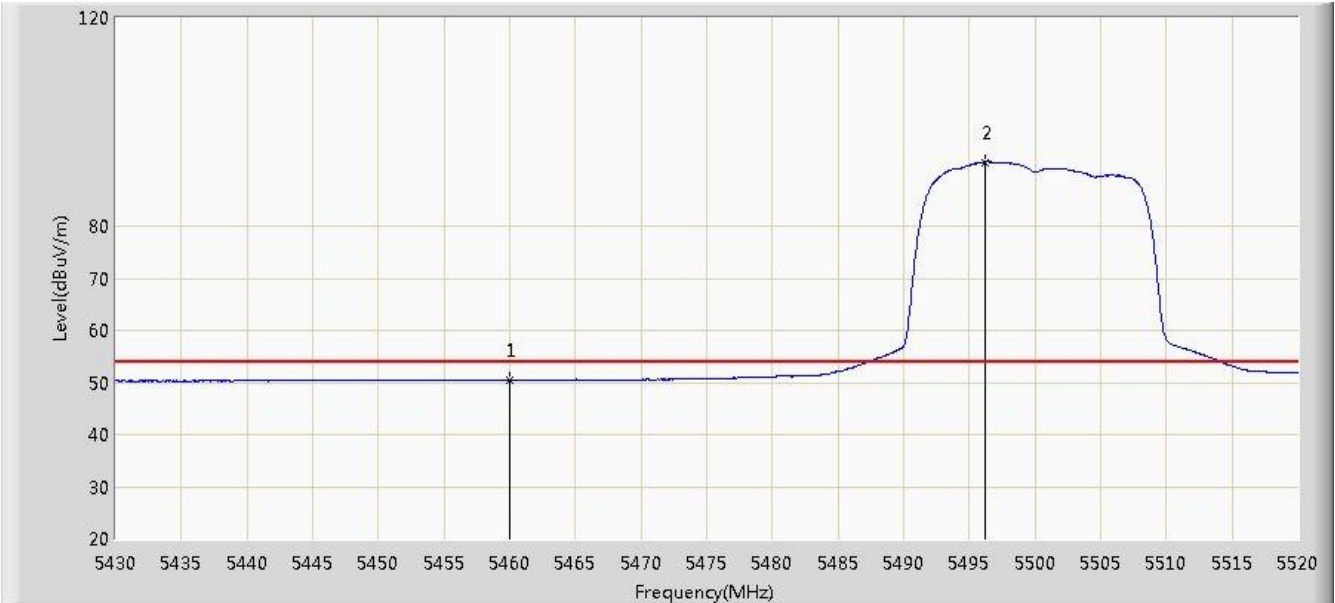
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.486	12.923	-3.514	54.000	37.563	AV
2		*	5496.150	92.277	54.657	N/A	N/A	37.620	AV

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

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

| Site: AC1	Time: 2015/01/14 - 13:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5500MHz by 802.11a Ant 0+1+2+3	
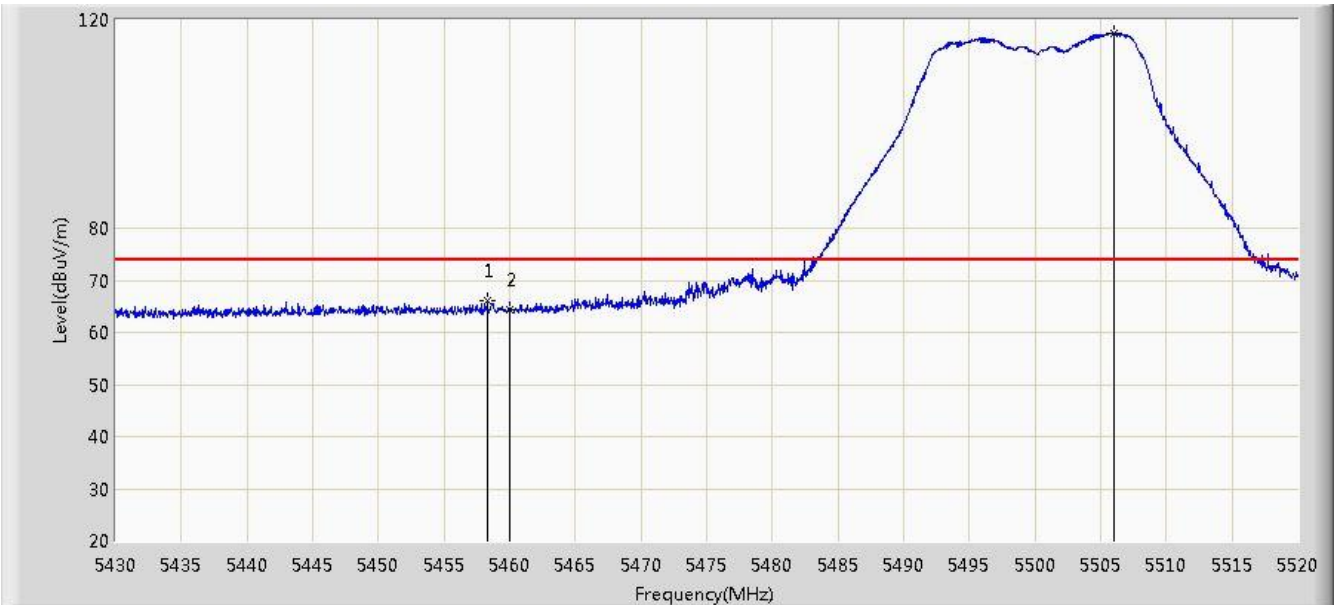
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.305	66.187	28.629	-7.813	74.000	37.558	PK
2			5460.000	64.261	26.698	-9.739	74.000	37.563	PK
3		*	5506.050	117.413	79.782	N/A	N/A	37.631	PK

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

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

| Site: AC1	Time: 2015/01/14 - 13:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5500MHz by 802.11a Ant 0+1+2+3	
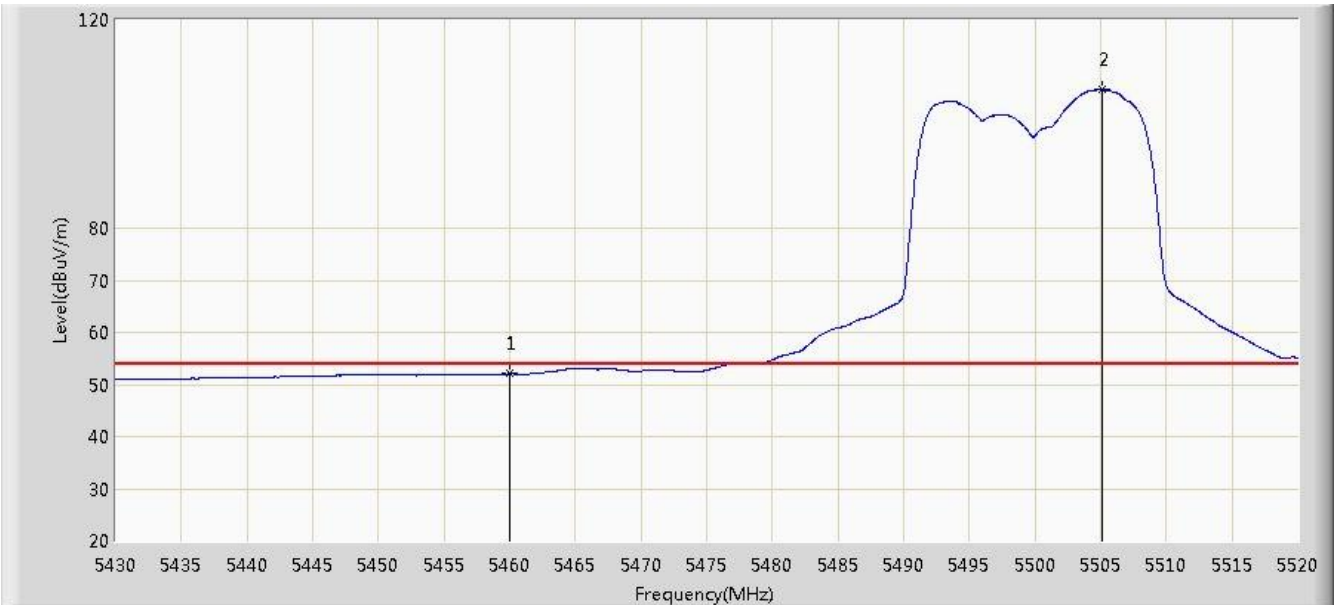
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	52.042	14.479	-1.958	54.000	37.563	AV
2		*	5505.105	106.630	69.000	N/A	N/A	37.630	AV

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

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

Site: AC1	Time: 2015/01/14 - 13:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5700MHz by 802.11a Ant 0+1+2+3	
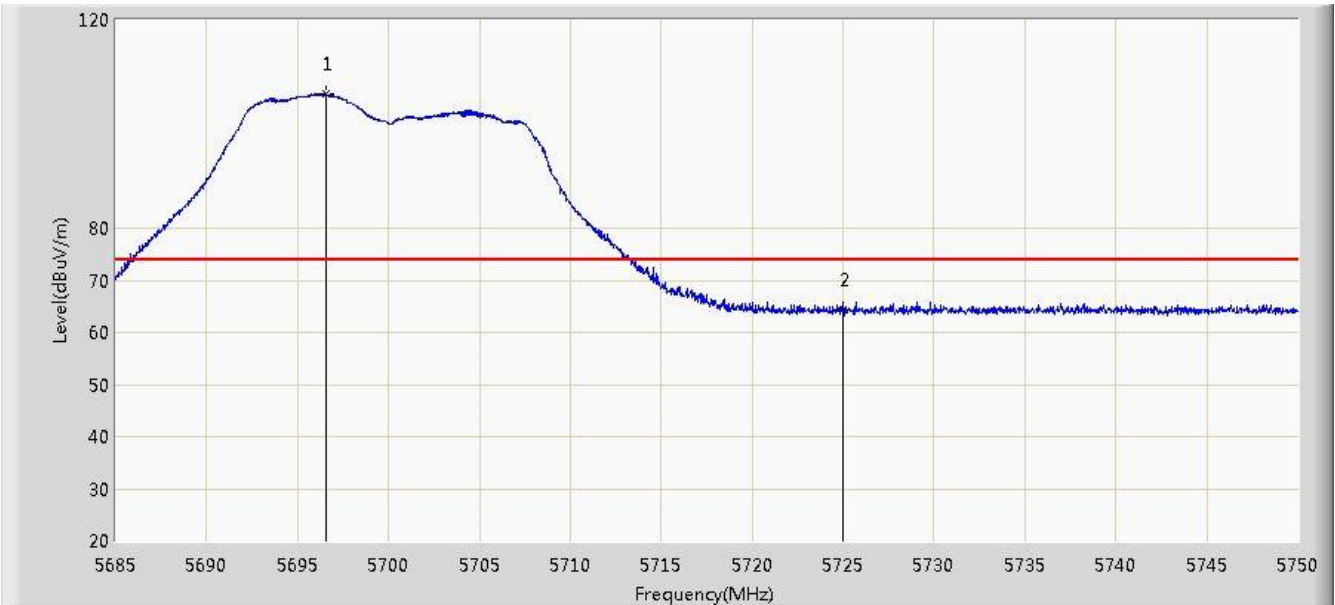
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.603	105.676	67.792	N/A	N/A	37.884	PK
2			5725.000	64.323	26.333	-9.677	74.000	37.990	PK

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

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

| Site: AC1	Time: 2015/01/14 - 13:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5700MHz by 802.11a Ant 0+1+2+3	
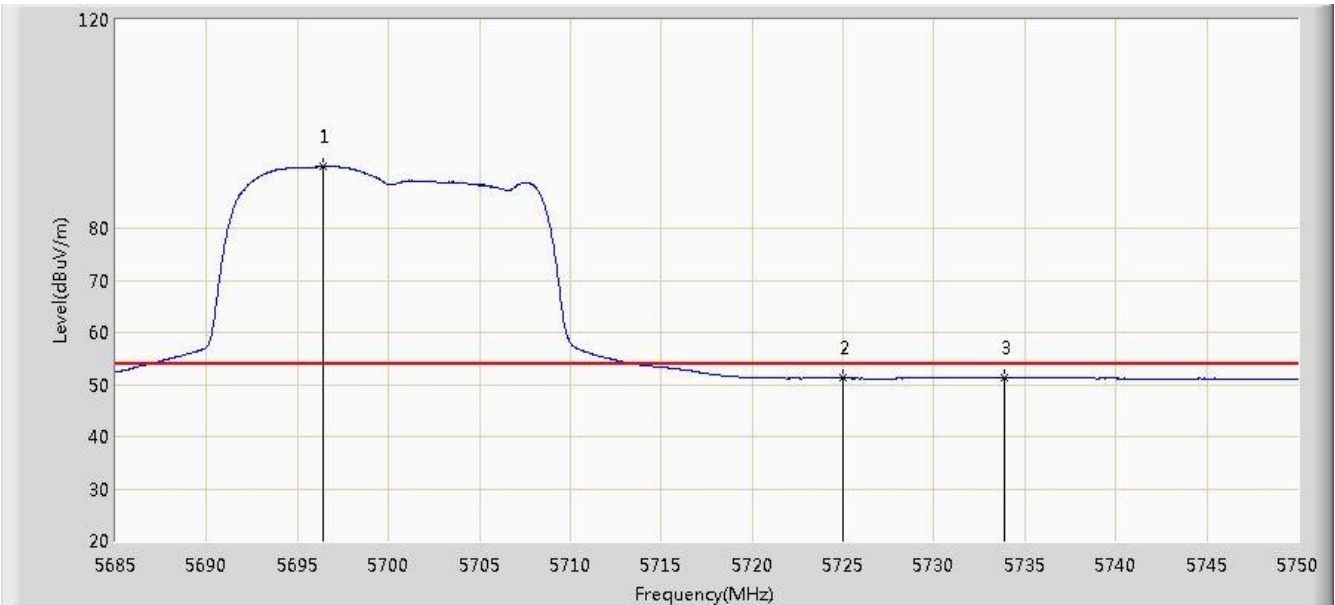
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5696.375	91.900	54.017	N/A	N/A	37.883	AV
2			5725.000	51.169	13.179	-2.831	54.000	37.990	AV
3			5733.880	51.375	13.349	-2.625	54.000	38.026	AV

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

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

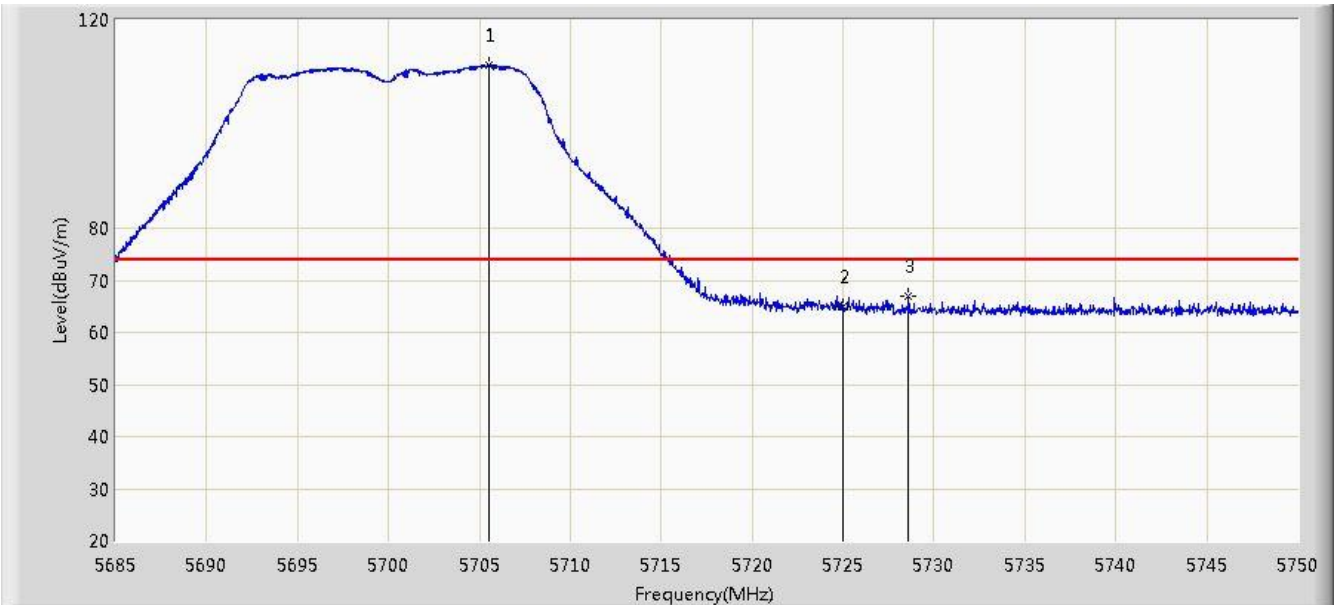| Site: AC1	Time: 2015/01/14 - 14:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5700MHz by 802.11a Ant 0+1+2+3	
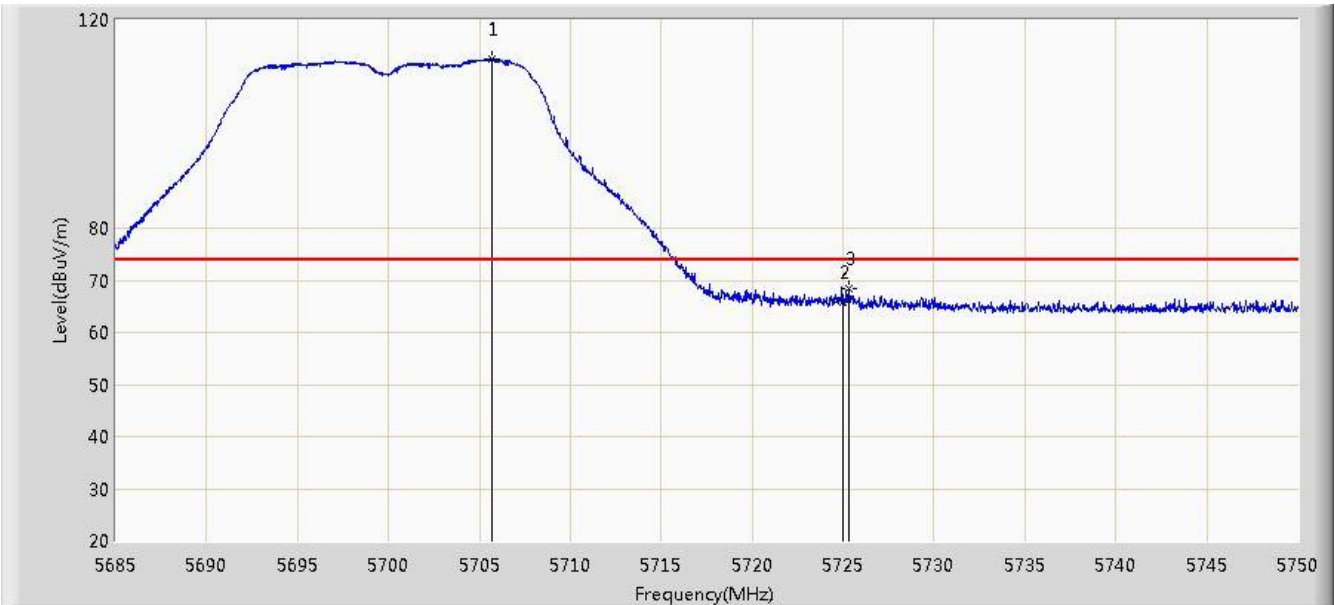
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5705.703	112.405	74.494	N/A	N/A	37.911	PK
2			5725.000	65.776	27.786	-8.224	74.000	37.990	PK
3			5725.300	68.505	30.514	-5.495	74.000	37.991	PK

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

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

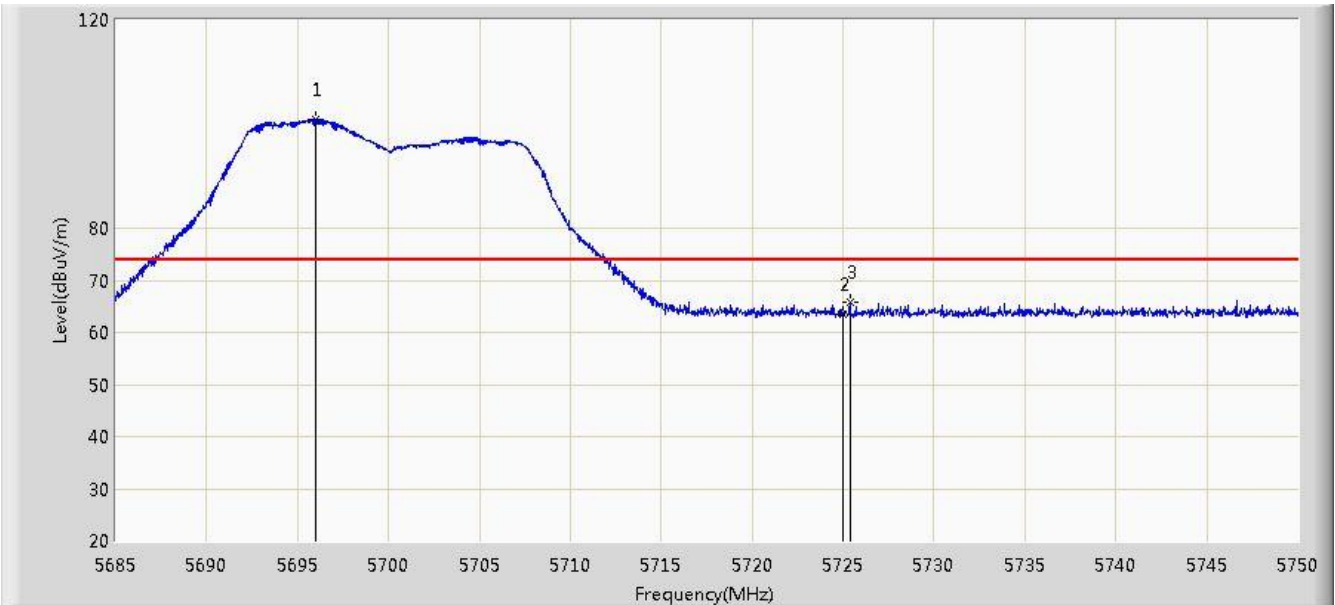| Site: AC1	Time: 2015/01/14 - 14:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5700MHz by 802.11a Ant 0+1+2+3	
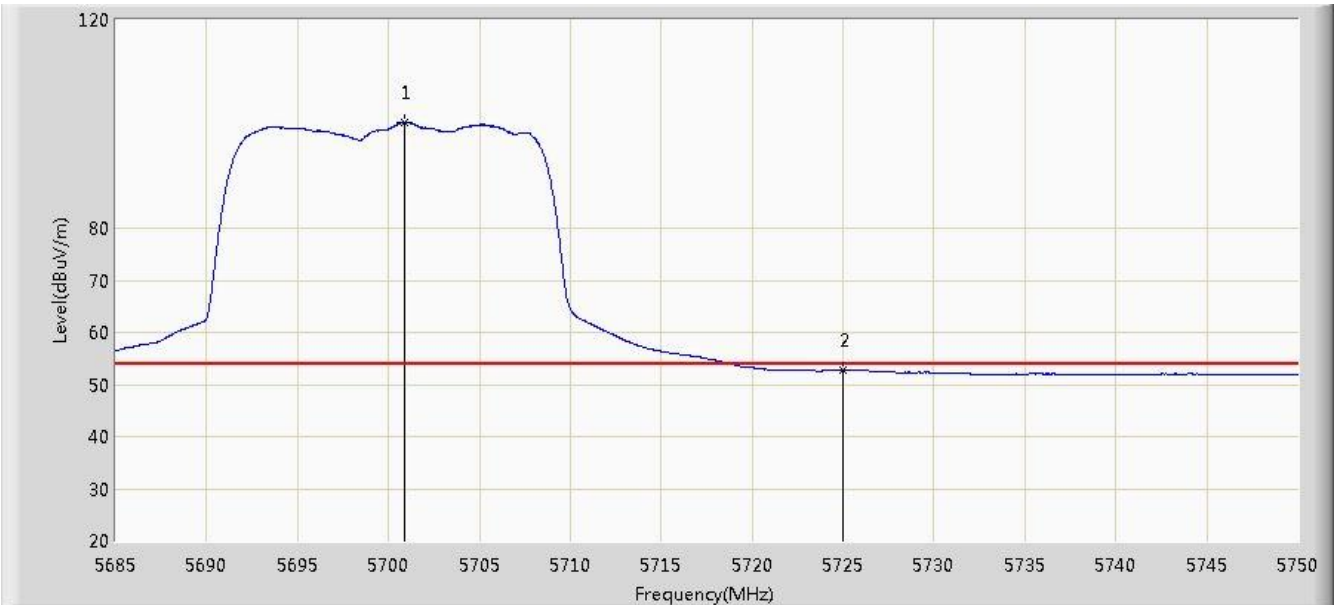
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5700.893	100.303	62.409	N/A	N/A	37.894	AV
2			5725.000	52.802	14.812	-1.198	54.000	37.990	AV

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

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

| Site: AC1	Time: 2015/01/14 - 14:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5700MHz by 802.11a 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		*	5705.507	111.226	73.316	N/A	N/A	37.910	PK
2			5725.000	64.802	26.812	-9.198	74.000	37.990	PK
3			5728.615	66.992	28.987	-7.008	74.000	38.005	PK

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

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

| Site: AC1	Time: 2015/01/14 - 14:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5700MHz by 802.11a 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		*	5695.985	100.769	62.887	N/A	N/A	37.882	PK
2			5725.000	63.413	25.423	-10.587	74.000	37.990	PK
3			5725.365	65.686	27.695	-8.314	74.000	37.991	PK

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

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

| Site: AC1	Time: 2015/01/14 - 14:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5700MHz by 802.11a Ant 0+1+2+3	
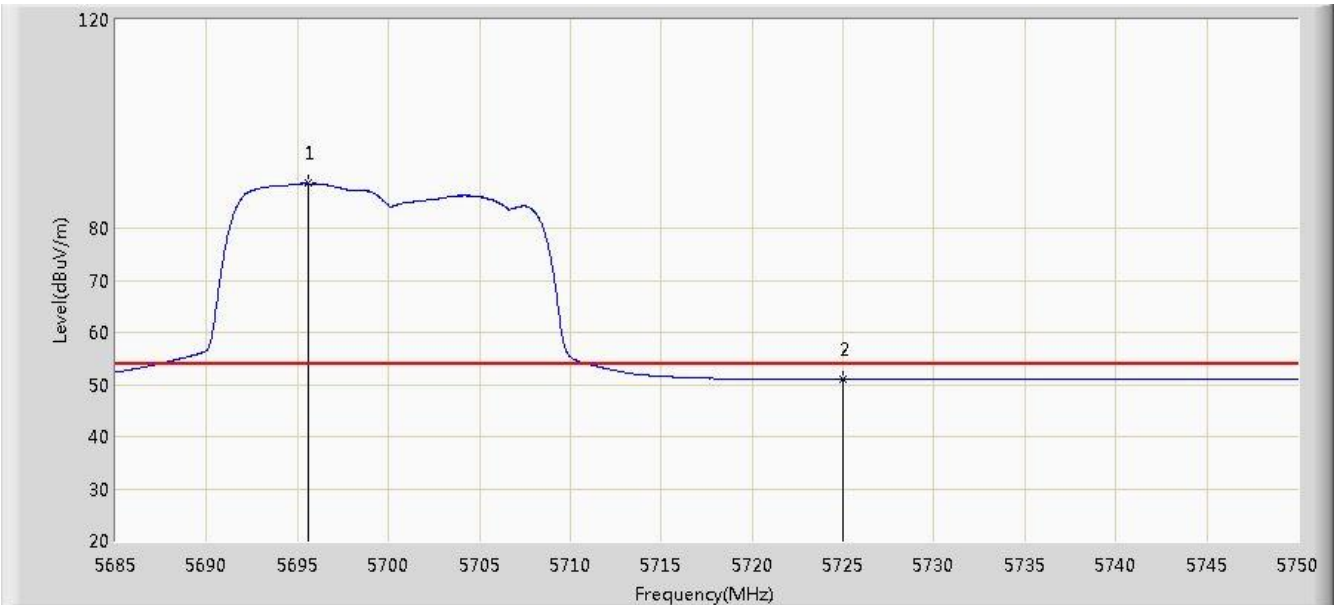
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5695.595	88.552	50.671	N/A	N/A	37.882	AV
2			5725.000	50.965	12.975	-3.035	54.000	37.990	AV

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

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

| Site: AC1	Time: 2015/01/14 - 14:48
Limit: FCC 15.407	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11a Ant 0+1+2+3	
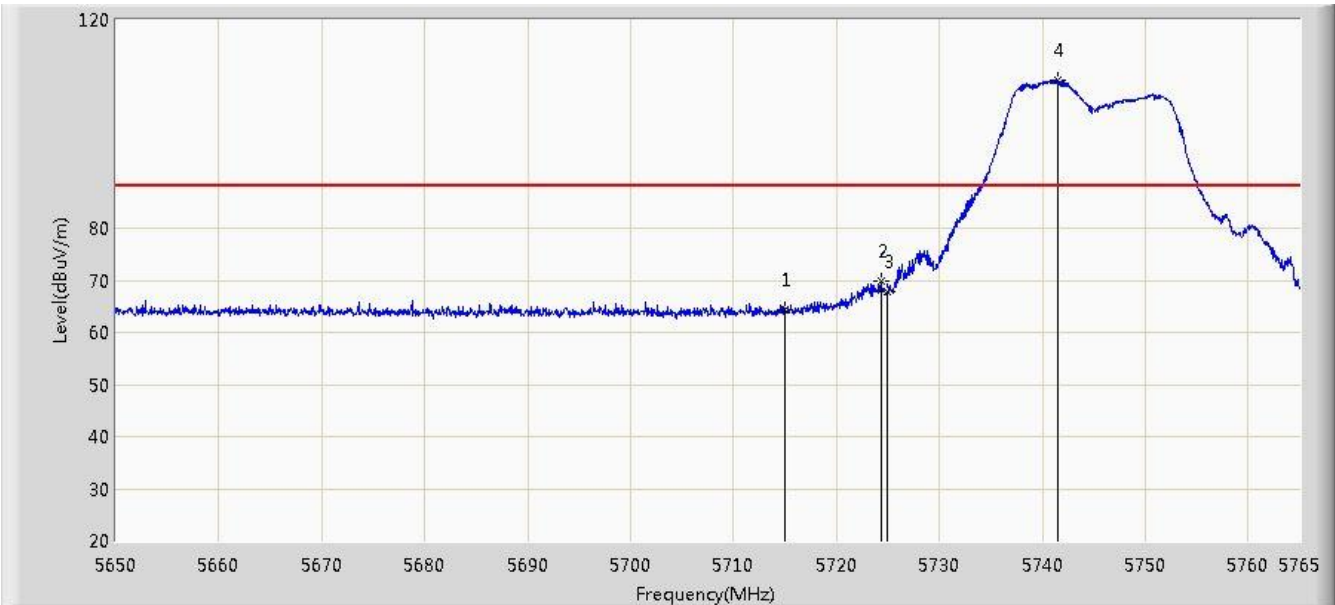
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	64.478	26.529	-23.722	88.200	37.949	PK
2			5724.290	69.801	31.814	-28.399	98.200	37.987	PK
3			5725.000	67.888	29.898	-30.312	98.200	37.990	PK
4		*	5741.540	108.261	70.204	N/A	N/A	38.057	PK

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

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

| Site: AC1	Time: 2015/01/14 - 14:49
Limit: FCC 15.407	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11a Ant 0+1+2+3	
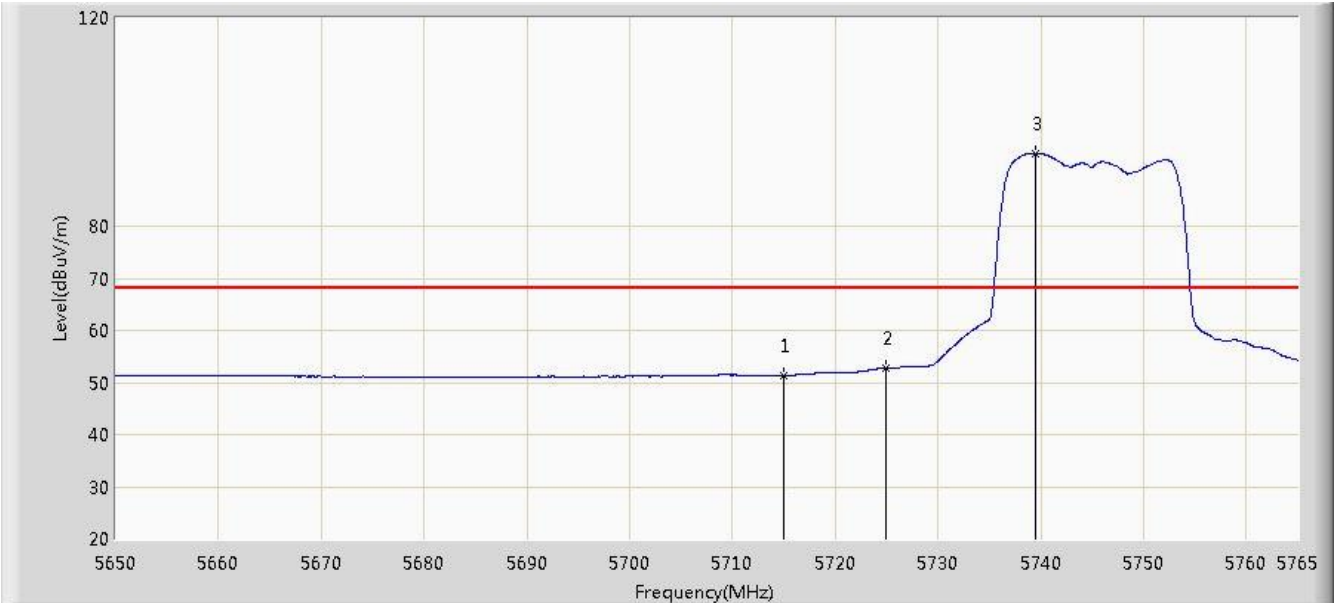
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.298	13.349	-16.902	68.200	37.949	AV
2			5725.000	52.797	14.807	-25.403	78.200	37.990	AV
3		*	5739.527	94.010	55.961	N/A	N/A	38.049	AV

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

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

Site: AC1	Time: 2015/01/14 - 14:51
Limit: FCC 15.407	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11a Ant 0+1+2+3	
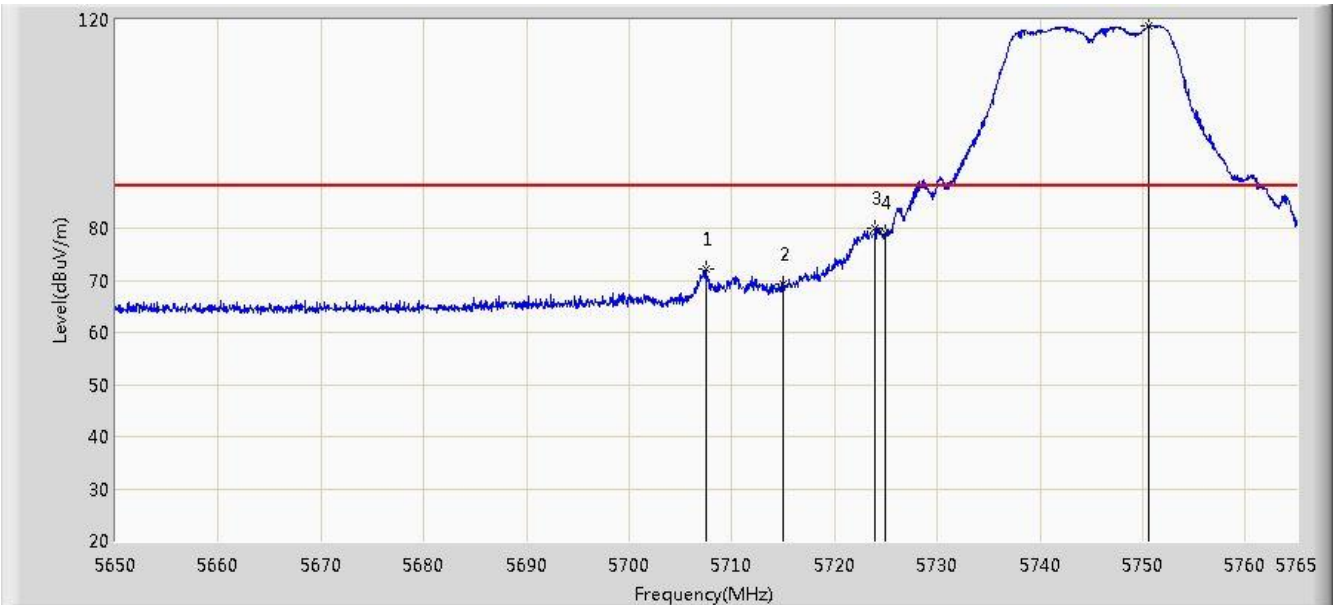
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5707.500	72.122	34.203	-16.078	88.200	37.918	PK
2			5715.000	69.242	31.293	-18.958	88.200	37.949	PK
3			5723.945	79.913	41.928	-18.287	98.200	37.986	PK
4			5725.000	79.001	41.011	-19.199	98.200	37.990	PK
5		*	5750.625	118.801	80.702	N/A	N/A	38.098	PK

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

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

| Site: AC1	Time: 2015/01/14 - 14:52
Limit: FCC 15.407	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5745MHz by 802.11a Ant 0+1+2+3	
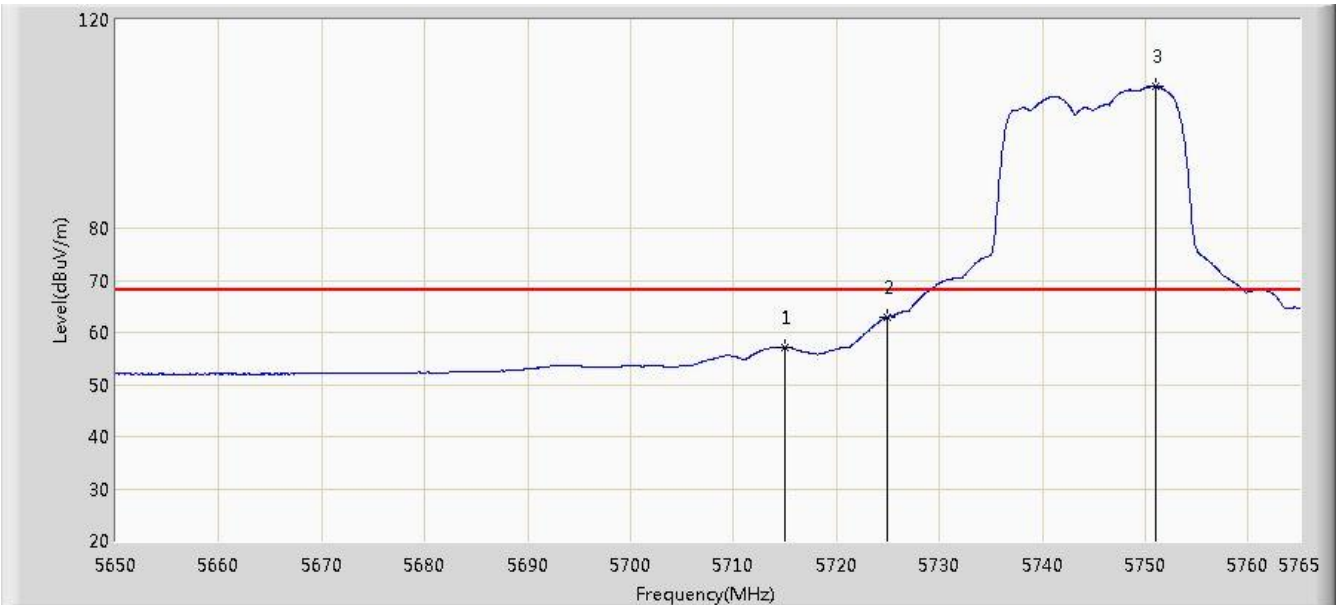
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	57.239	19.290	-10.961	68.200	37.949	AV
2			5725.000	62.981	24.991	-15.219	78.200	37.990	AV
3		*	5750.970	107.168	69.068	N/A	N/A	38.101	AV

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

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

| Site: AC1	Time: 2015/01/14 - 14:54
Limit: FCC 15.407	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11a 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		*	5821.672	108.861	70.519	N/A	N/A	38.342	PK
2			5850.000	64.736	26.283	-33.464	98.200	38.454	PK
3			5860.000	65.506	27.028	-22.694	88.200	38.478	PK

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

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

Site: AC1	Time: 2015/01/14 - 14:56
Limit: FCC 15.407	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11a Ant 0+1+2+3	
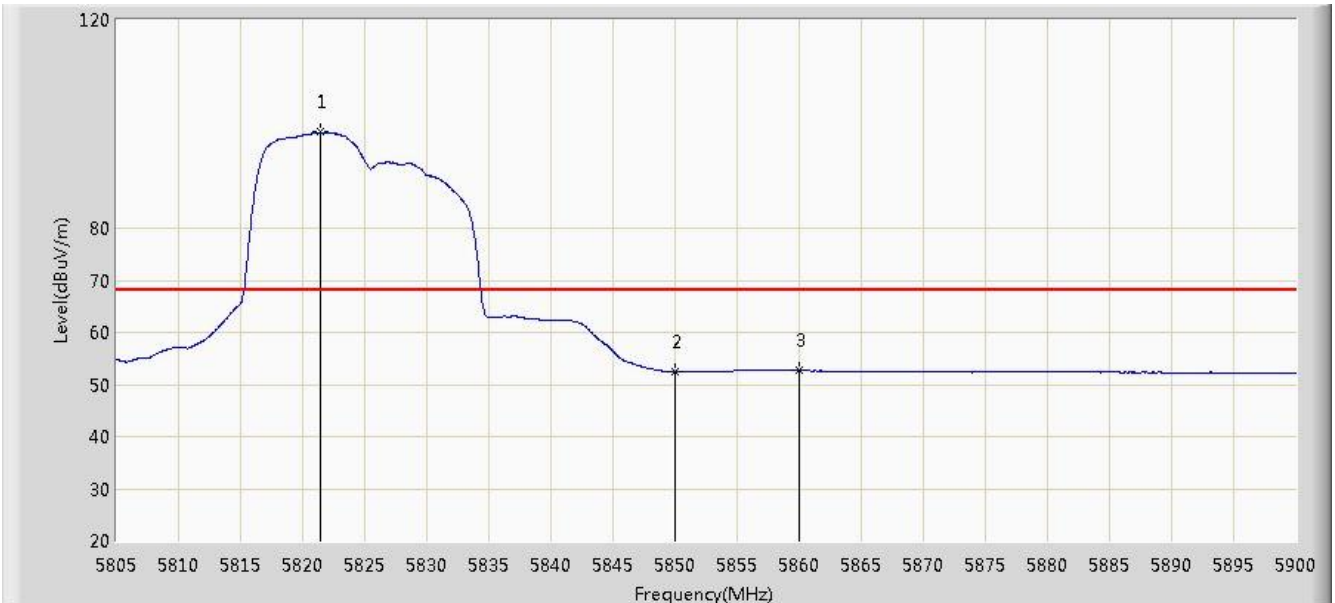
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.435	98.436	60.095	N/A	N/A	38.341	AV
2			5850.000	52.506	14.053	-25.694	78.200	38.454	AV
3			5860.000	52.632	14.154	-15.568	68.200	38.478	AV

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

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

| Site: AC1	Time: 2015/01/14 - 14:57
Limit: FCC 15.407	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11a Ant 0+1+2+3	
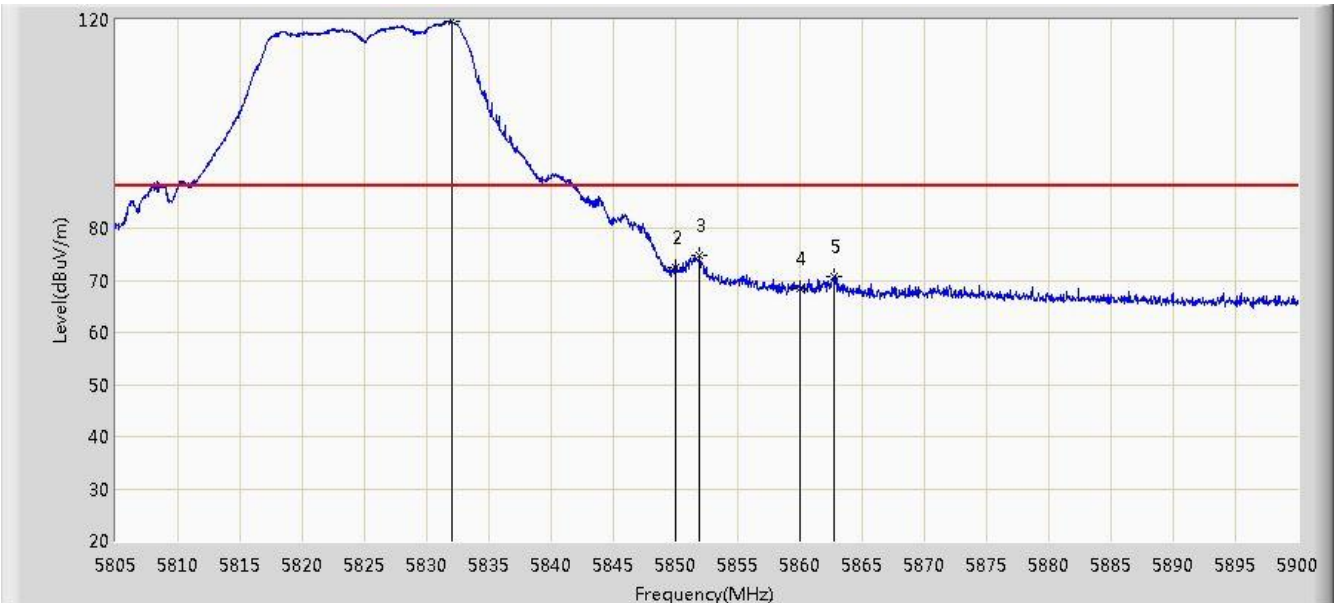
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5831.980	119.613	81.228	N/A	N/A	38.386	PK
2			5850.000	72.598	34.145	-25.602	98.200	38.454	PK
3			5851.930	74.681	36.223	-23.519	98.200	38.458	PK
4			5860.000	68.273	29.795	-19.927	88.200	38.478	PK
5			5862.712	70.800	32.316	-17.400	88.200	38.484	PK

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

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

| Site: AC1	Time: 2015/01/14 - 14:58
Limit: FCC 15.407	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5825MHz by 802.11a Ant 0+1+2+3	
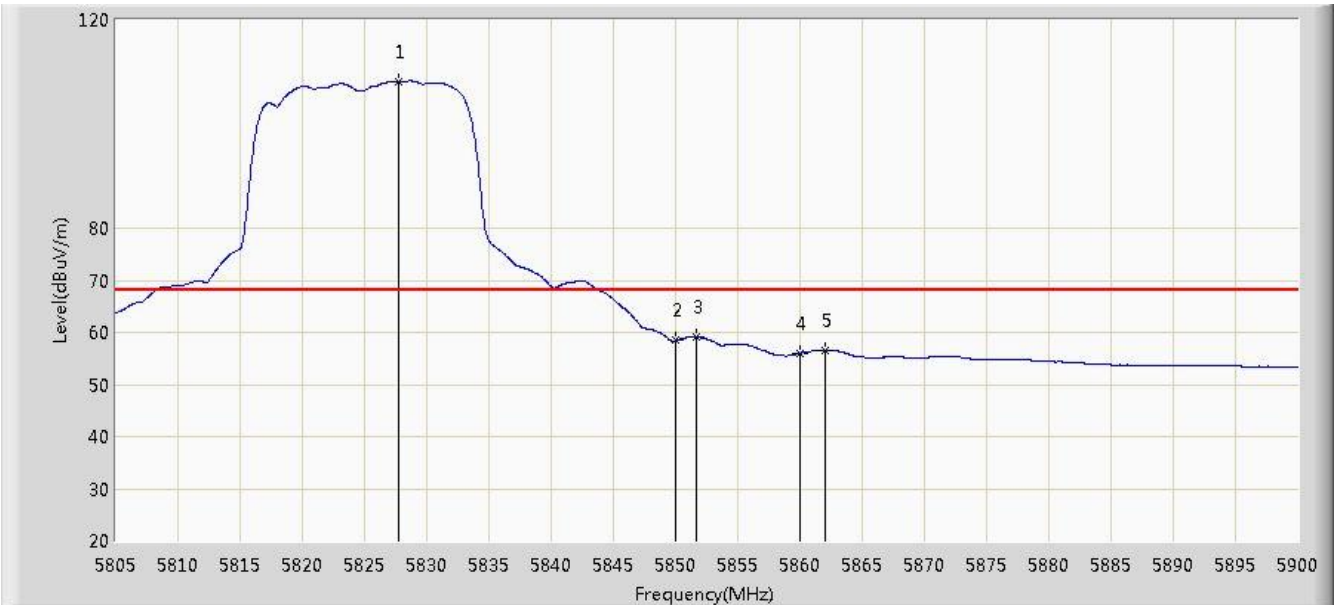
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.705	108.044	69.677	N/A	N/A	38.367	AV
2			5850.000	58.410	19.957	-19.790	78.200	38.454	AV
3			5851.645	59.104	20.647	-19.096	78.200	38.458	AV
4			5860.000	56.009	17.531	-12.191	68.200	38.478	AV
5			5862.000	56.521	18.038	-11.679	68.200	38.483	AV

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

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

| Site: AC1	Time: 2015/01/14 - 15:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1+2+3	
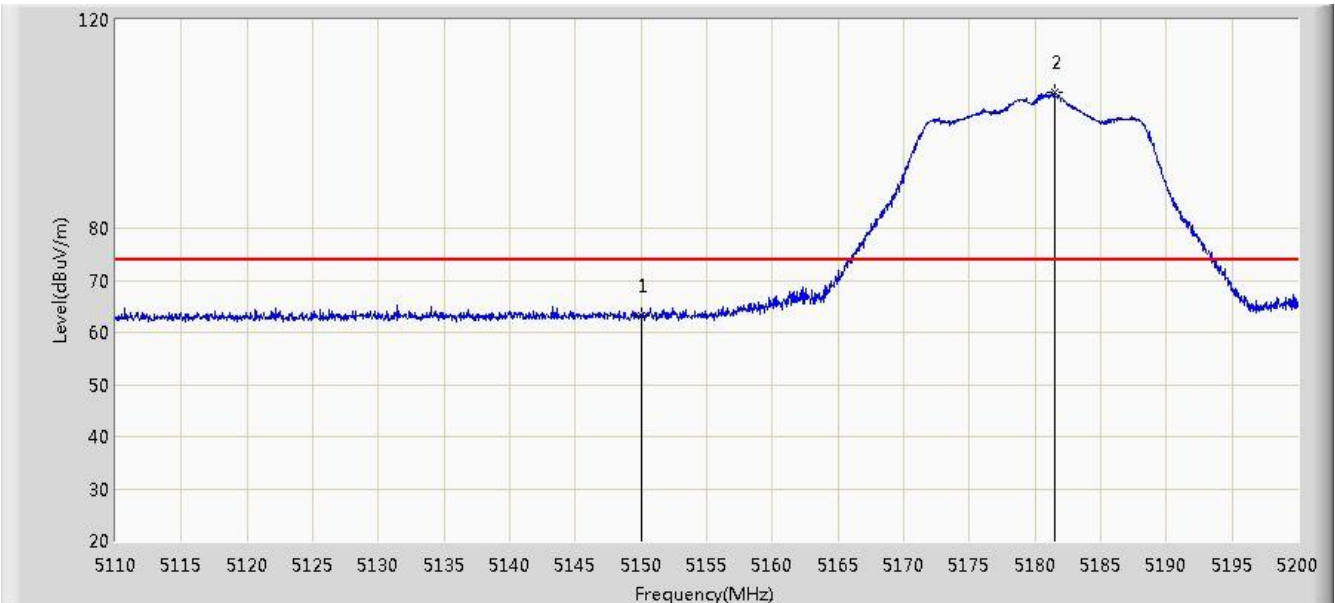
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.093	25.641	-10.907	74.000	37.452	PK
2		*	5181.460	106.219	68.849	N/A	N/A	37.370	PK

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

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

| Site: AC1	Time: 2015/01/14 - 15:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1+2+3	
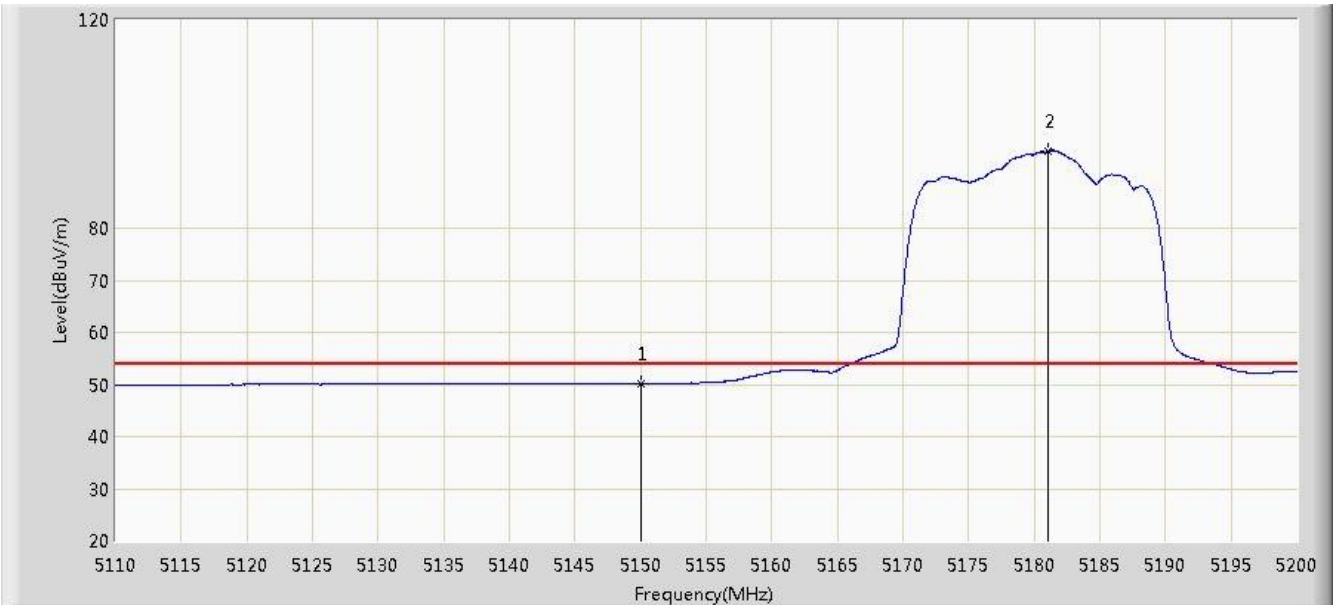
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.190	12.738	-3.810	54.000	37.452	AV
2		*	5181.010	94.708	57.337	N/A	N/A	37.372	AV

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

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

| Site: AC1	Time: 2015/01/14 - 15:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1+2+3	
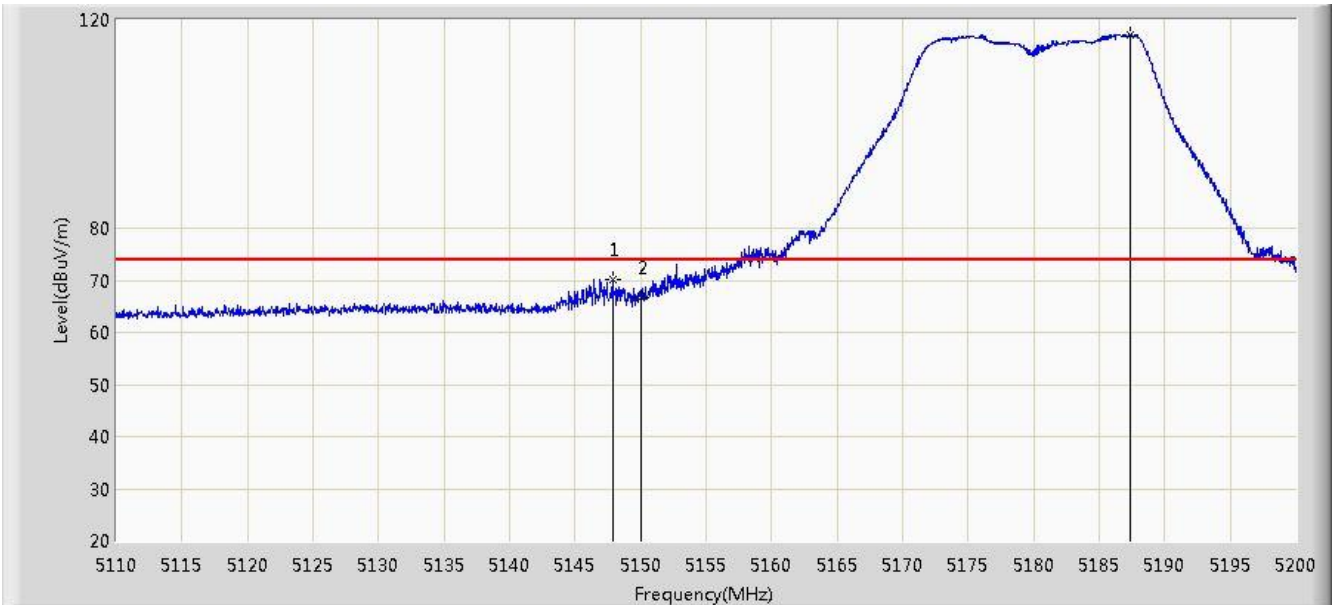
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.845	70.281	32.826	-3.719	74.000	37.455	PK
2			5150.000	66.660	29.208	-7.340	74.000	37.452	PK
3		*	5187.355	117.172	79.817	N/A	N/A	37.356	PK

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

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

| Site: AC1	Time: 2015/01/14 - 15:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5180MHz by 802.11n-HT20 Ant 0+1+2+3	
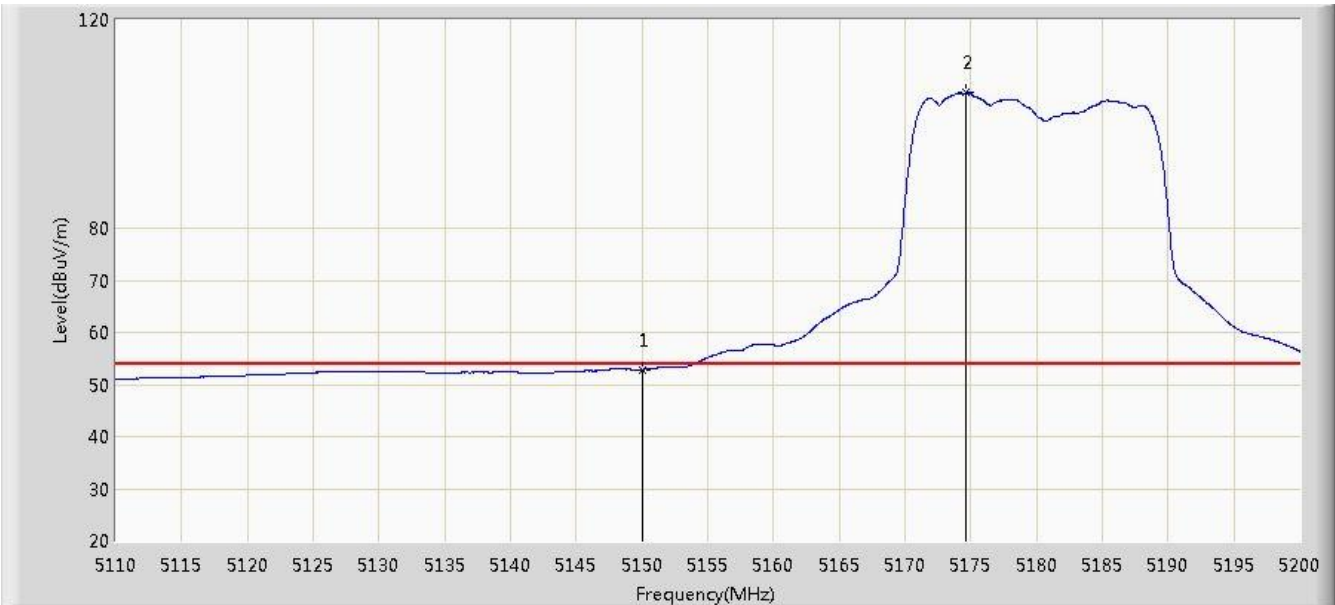
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.846	15.394	-1.154	54.000	37.452	AV
2		*	5174.620	105.959	68.573	N/A	N/A	37.386	AV

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

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

| Site: AC1	Time: 2015/01/14 - 15:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1+2+3	
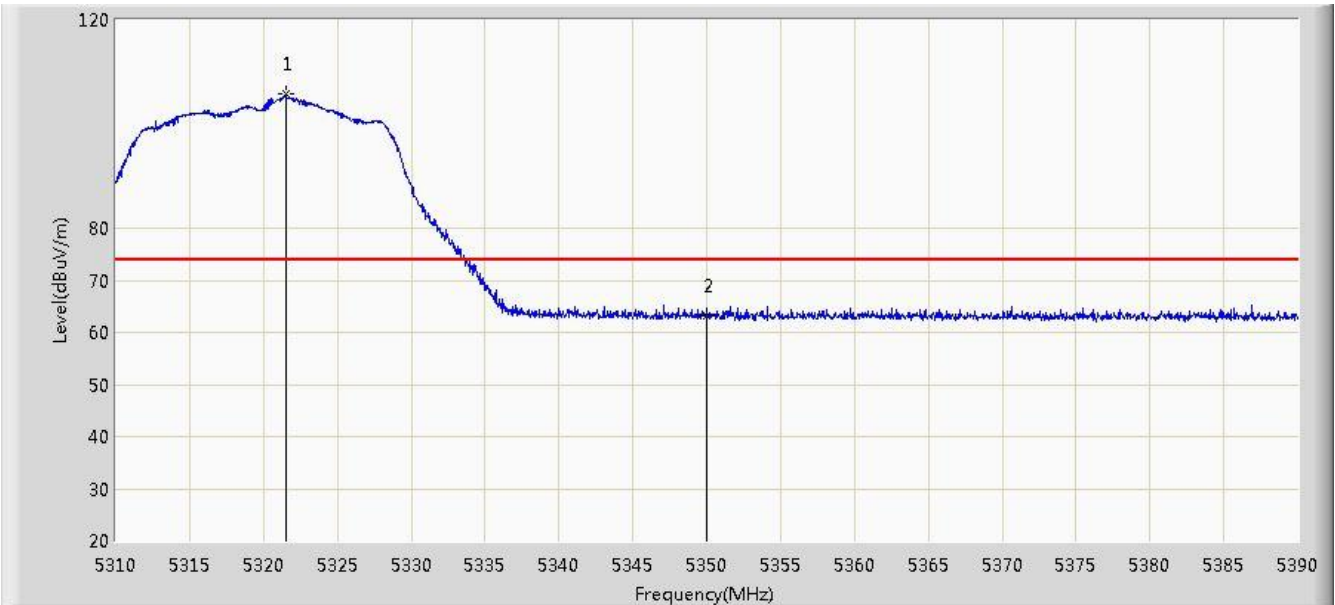
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.480	105.675	68.459	N/A	N/A	37.216	PK
2			5350.000	63.314	26.028	-10.686	74.000	37.286	PK

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

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

Site: AC1	Time: 2015/01/14 - 15:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5320MHz by 802.11n-HT20 Ant 0+1+2+3	
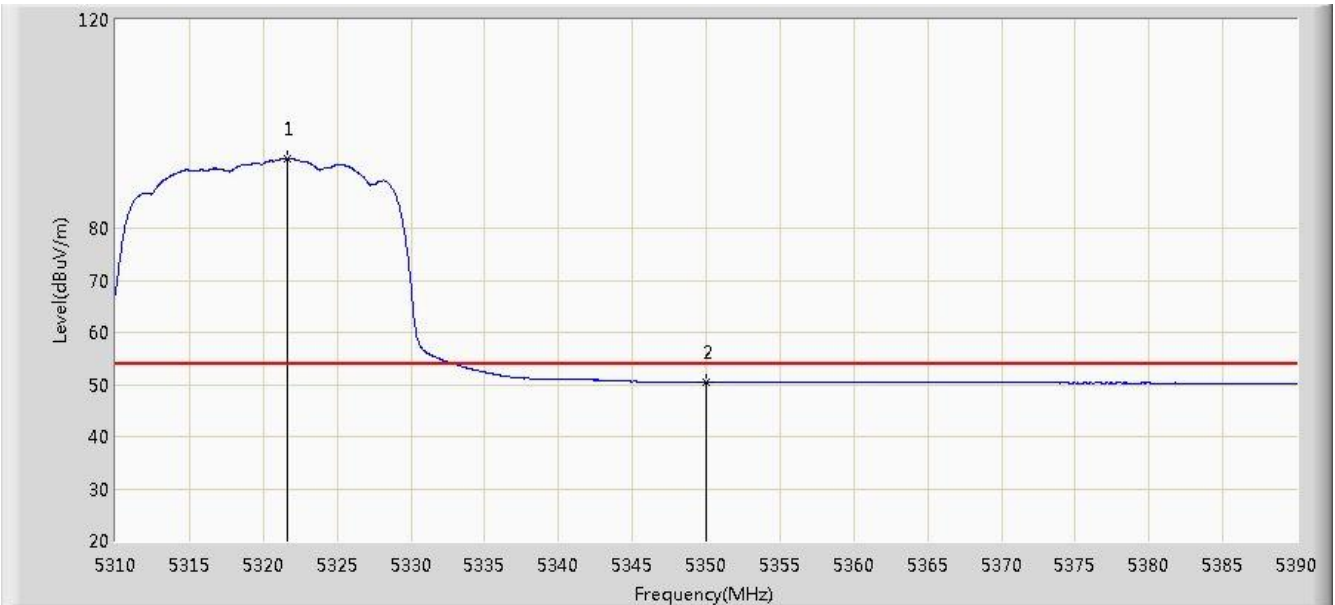
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.640	93.448	56.231	N/A	N/A	37.217	AV
2			5350.000	50.440	13.154	-3.560	54.000	37.286	AV

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

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