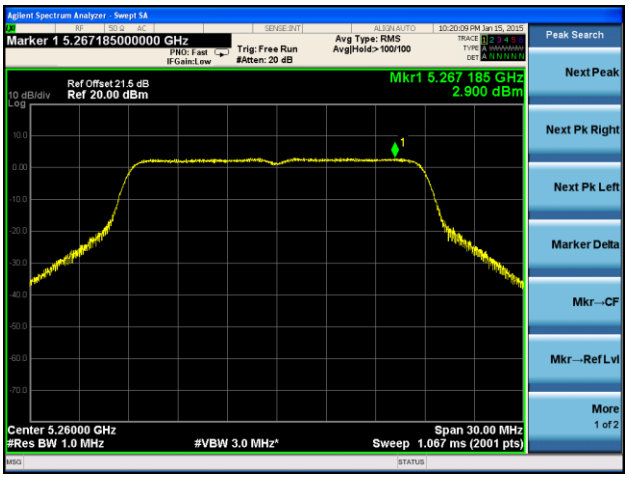
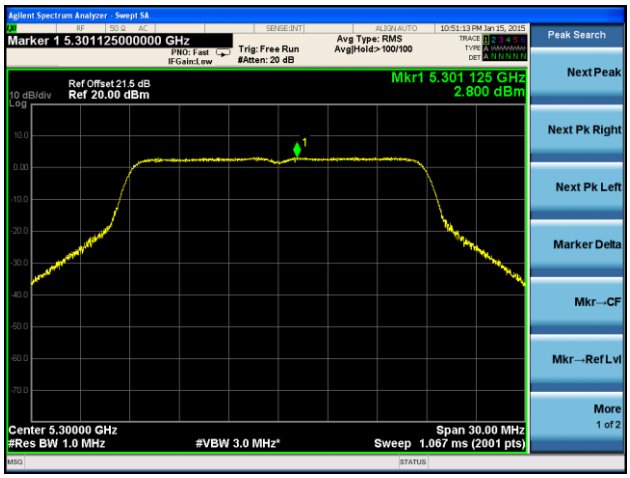
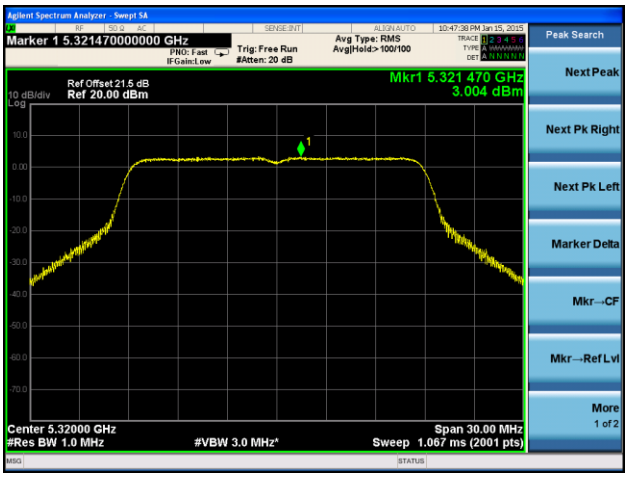
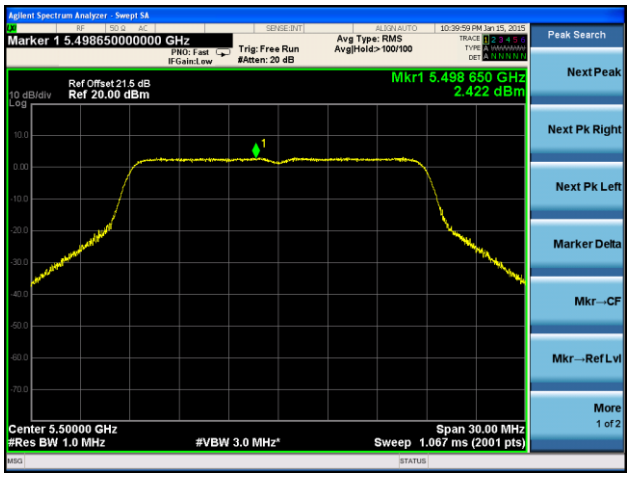
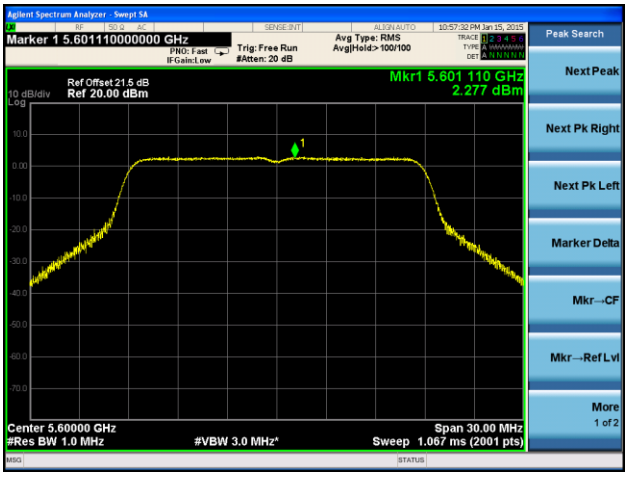
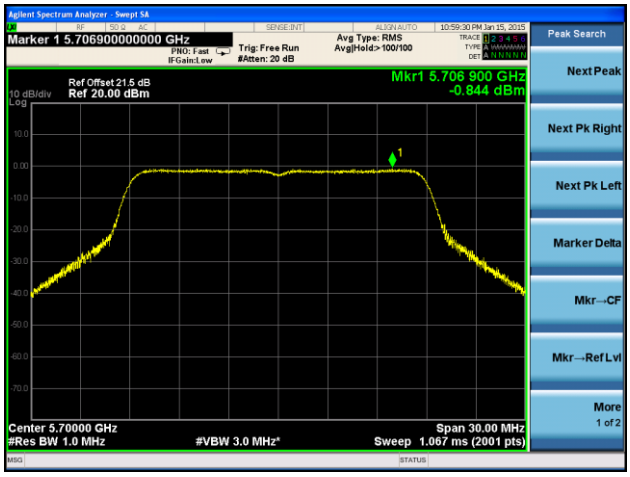
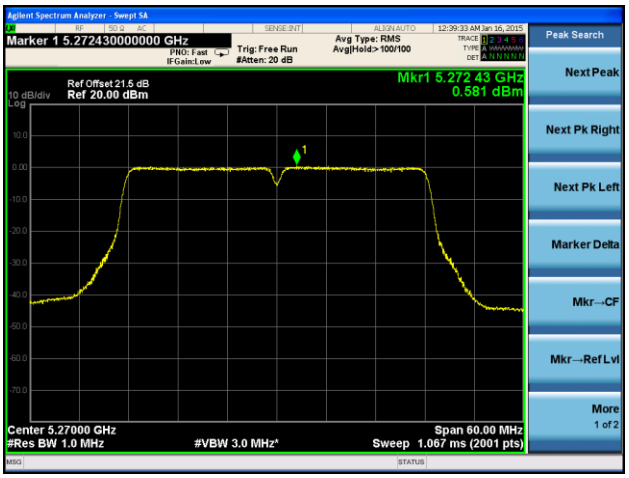
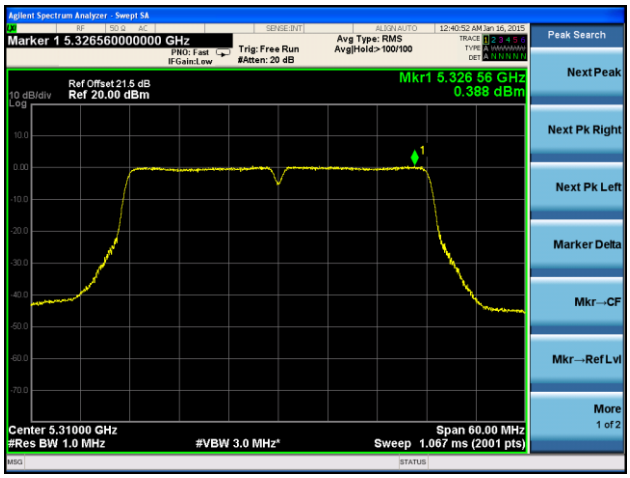
802.11n-HT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 52 (5260MHz)	**Channel 60 (5300MHz)**
	
Channel 64 (5320MHz)	**Channel 100 (5500MHz)**
	
Channel 120 (5600MHz)	**Channel 140 (5700MHz)**
	

802.11n-HT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

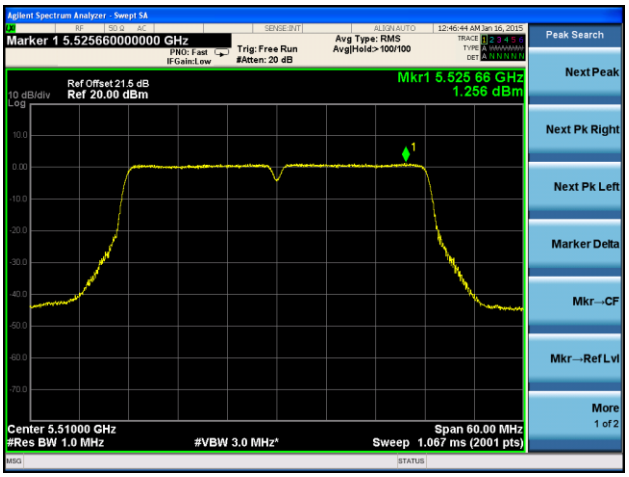
Channel 54 (5270MHz)



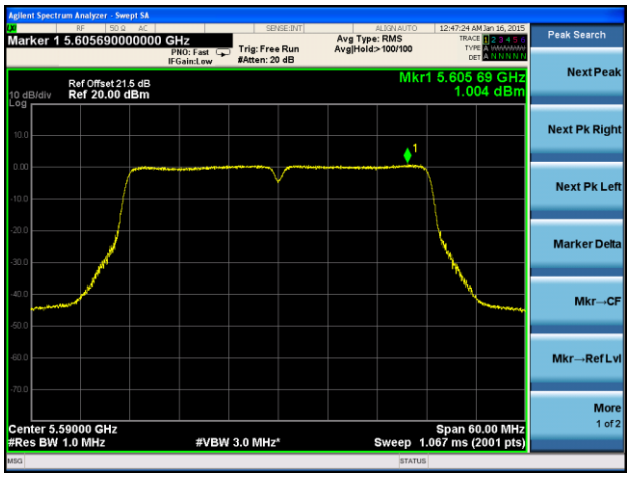
Channel 62 (5310MHz)



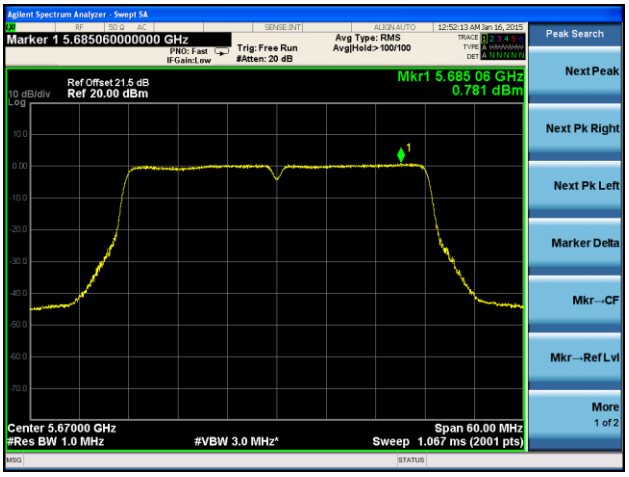
Channel 102 (5510MHz)



Channel 118 (5590MHz)

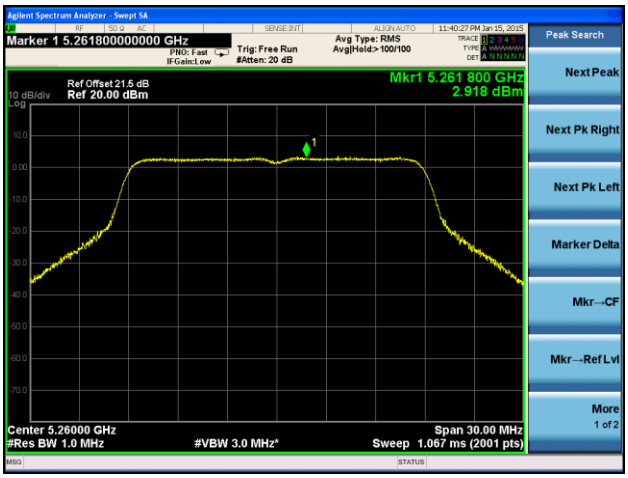


Channel 134 (5670MHz)

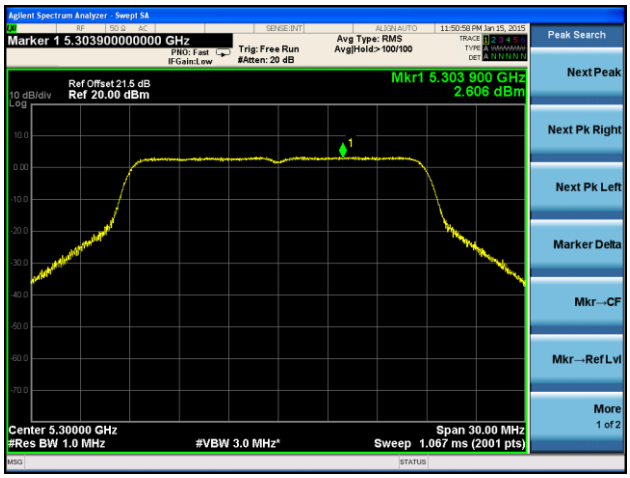


802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

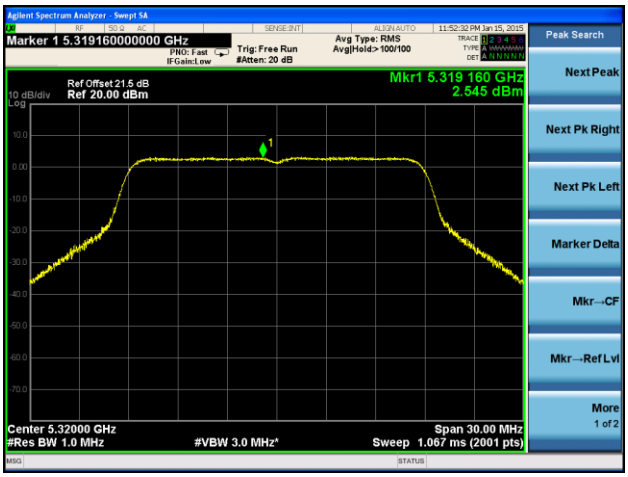
Channel 52 (5260MHz)



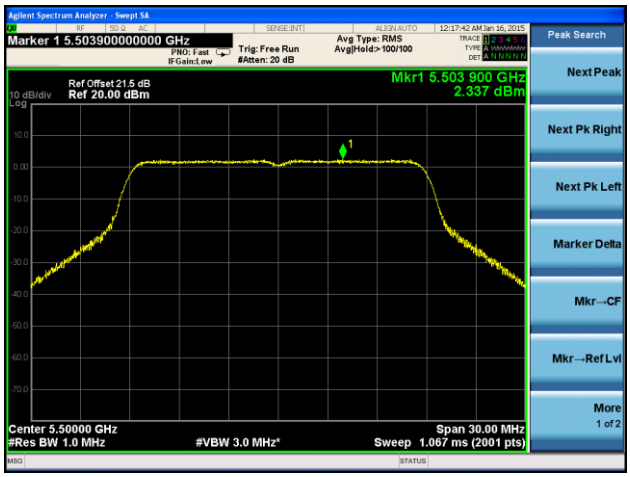
Channel 60 (5300MHz)



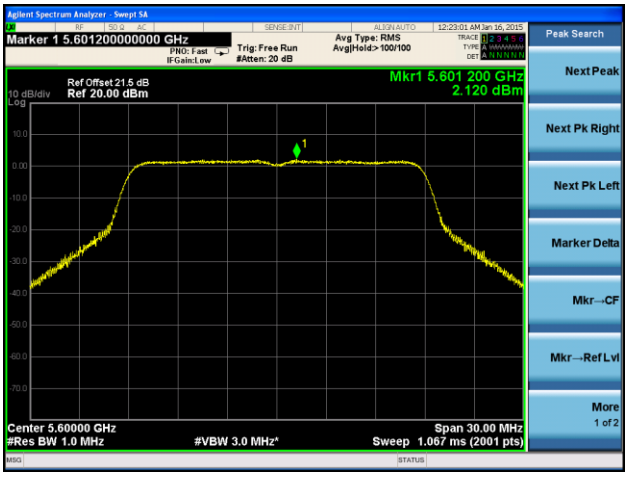
Channel 64 (5320MHz)



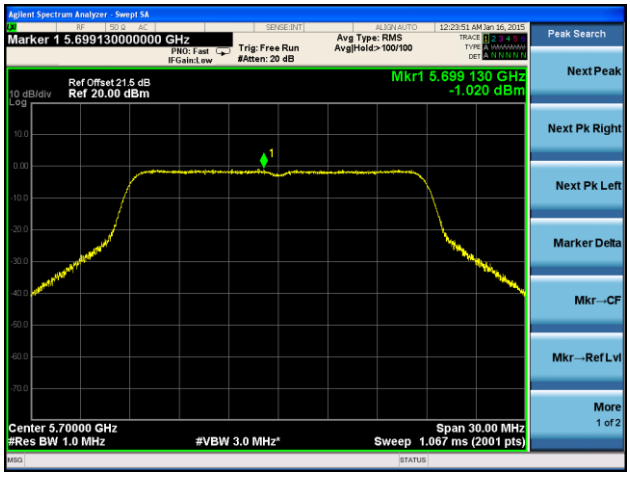
Channel 100 (5500MHz)

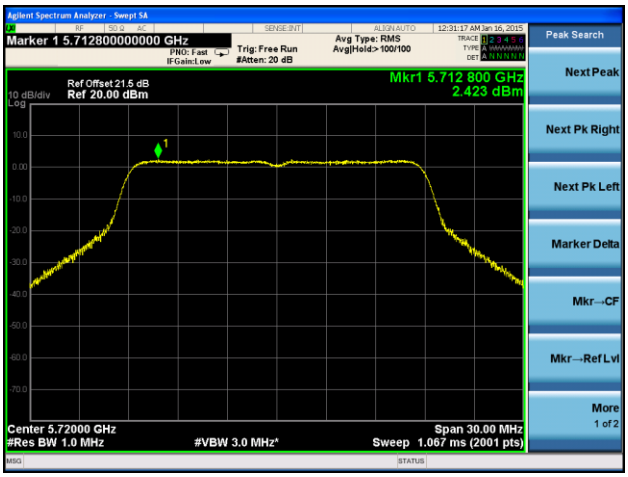


Channel 120 (5600MHz)



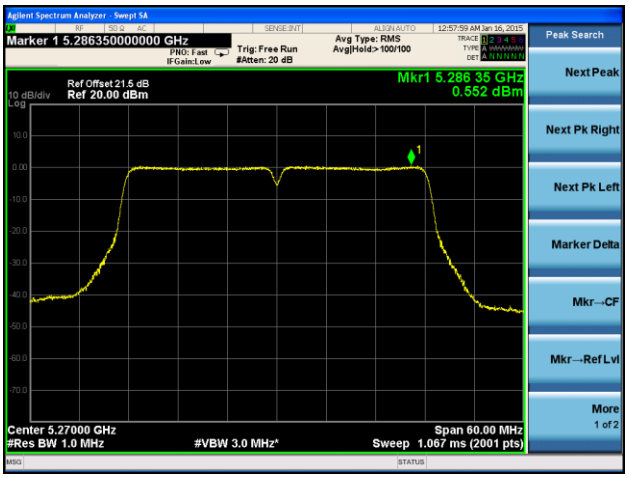
Channel 140 (5700MHz)



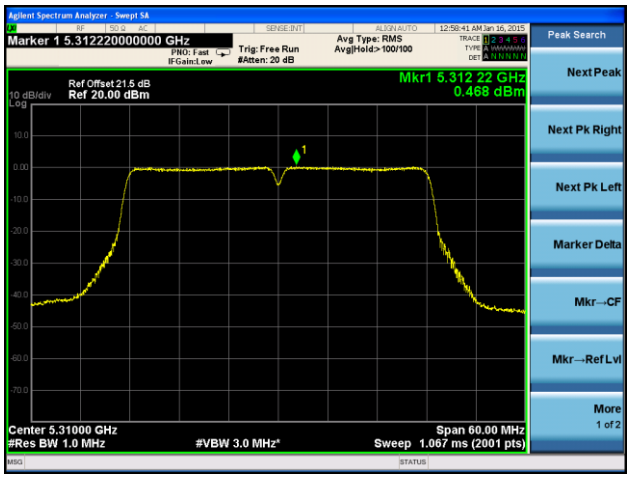
Channel 144 (5720MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3

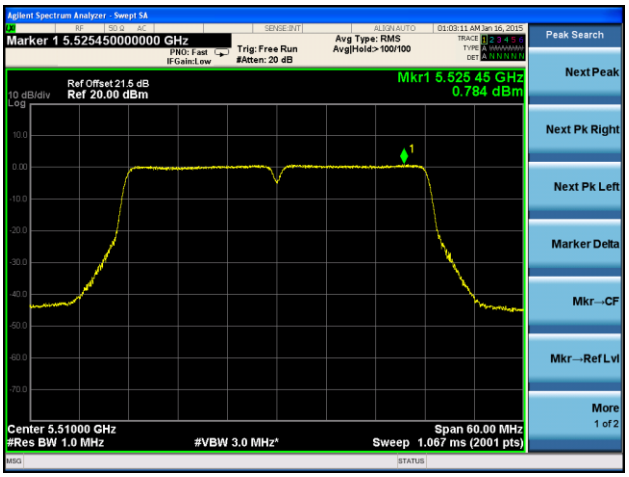
Channel 54 (5270MHz)



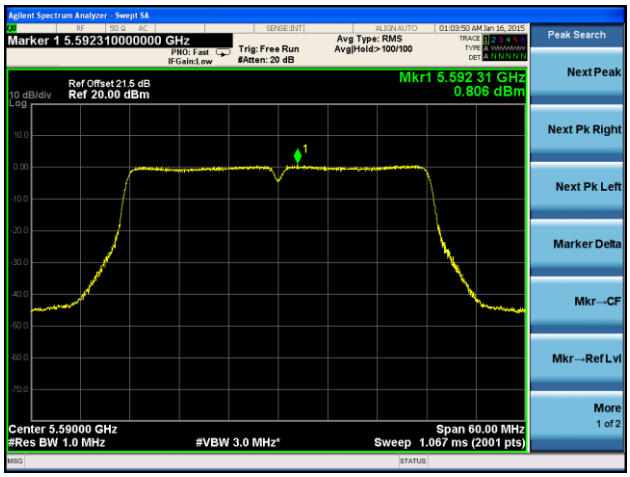
Channel 62 (5310MHz)



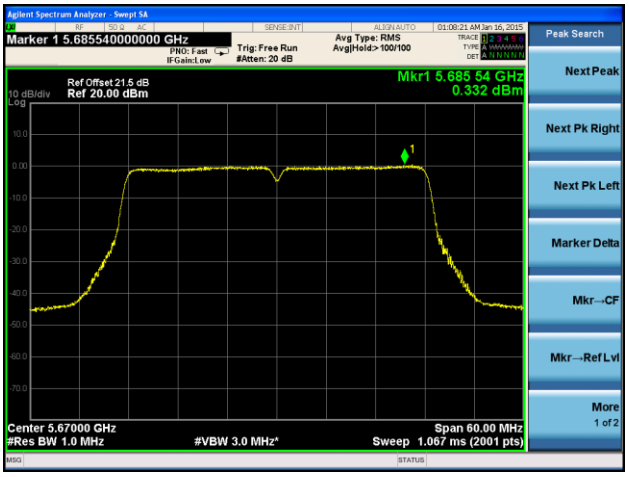
Channel 102 (5510MHz)



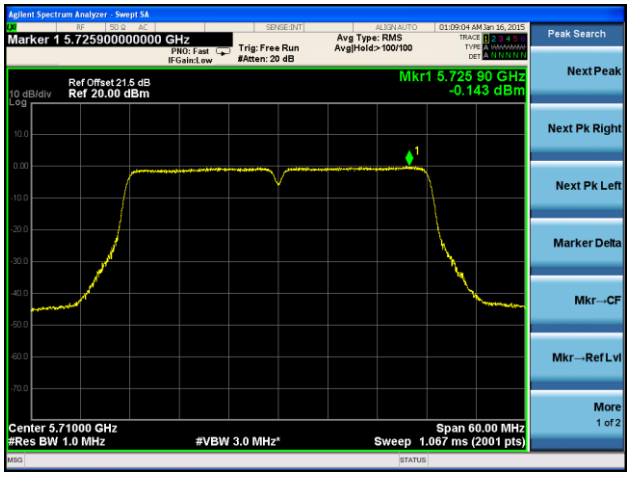
Channel 118 (5590MHz)

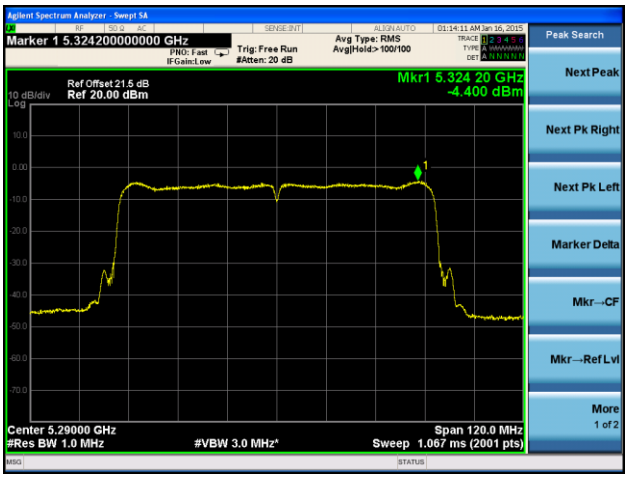
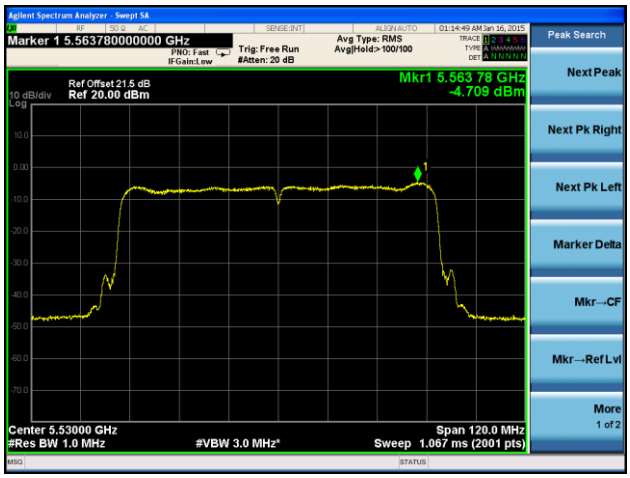
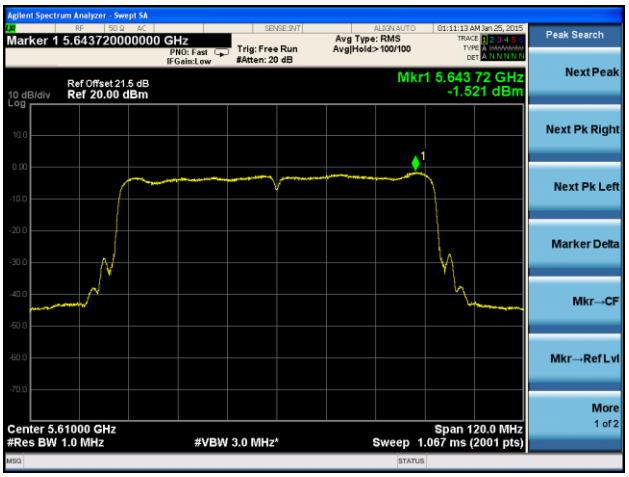
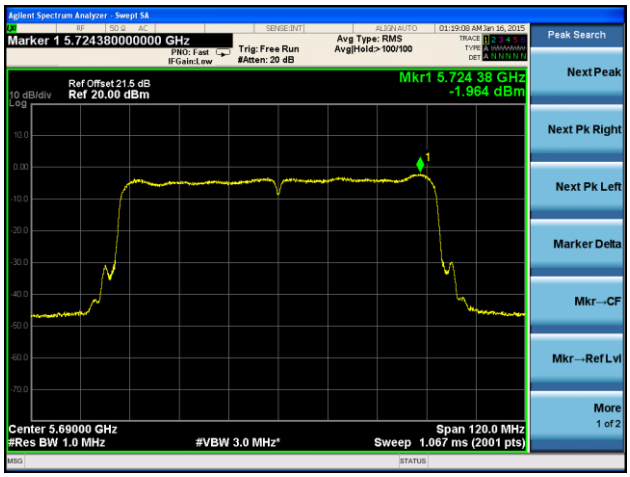


Channel 134 (5670MHz)



Channel 142 (5710MHz)



802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 58 (5290MHz)	**Channel 106 (5530MHz)**
	
Channel 122 (5610MHz)	**Channel 138 (5690MHz)**
	

7.6. Frequency Stability Measurement

7.6.1. Test Limit

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

7.6.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

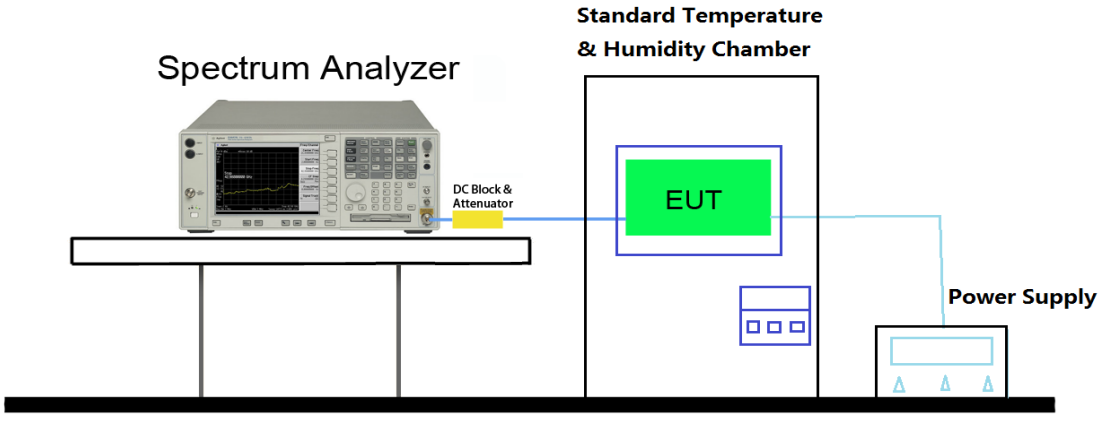
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.6.3. Test Setup



7.6.4. Test Result

Voltage (%)	Power (VAC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
		+ 20 (Ref)	5299983519	-16481.36	-0.000311
			5599991482	-8518.29	-0.000152
		- 30	5300020537	20537.21	0.000387
			5600026165	26165.12	0.000467
		- 20	5300014376	14376.32	0.000271
			5600013146	13146.10	0.000235
		- 10	5299998406	-1593.76	-0.000030
			5599998739	-1260.81	-0.000023
		0	5299997589	-2410.69	-0.000045
			5599998567	-1432.84	-0.000026
		+ 10	5299993081	-6918.94	-0.000131
			5599992741	-7258.84	-0.000130
		+ 20	5299991549	-8451.36	-0.000159
			5599991482	-8518.29	-0.000152
		+ 30	5299992086	-7913.72	-0.000149
			5599990278	-9721.78	-0.000174
		+ 40	5299991813	-8187.39	-0.000154
			5599991016	-8984.26	-0.000160
		+ 50	5299994509	-5491.49	-0.000104
			5599995851	-4148.75	-0.000074
115%	138	+ 20	5299993648	-6351.62	-0.000120
			5599992581	-7418.76	-0.000132
85%	102	+ 20	5299994451	-5548.51	-0.000105
			5599993179	-6821.15	-0.000122

7.7. Radiated Spurious Emission Measurement

7.7.1. Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [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

7.7.2. Test Procedure Used

KDB 789033 D02v01 - Section G

7.7.3. Test Setting

Peak Measurements above 1GHz

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

Quasi-Peak Measurements below 1GHz

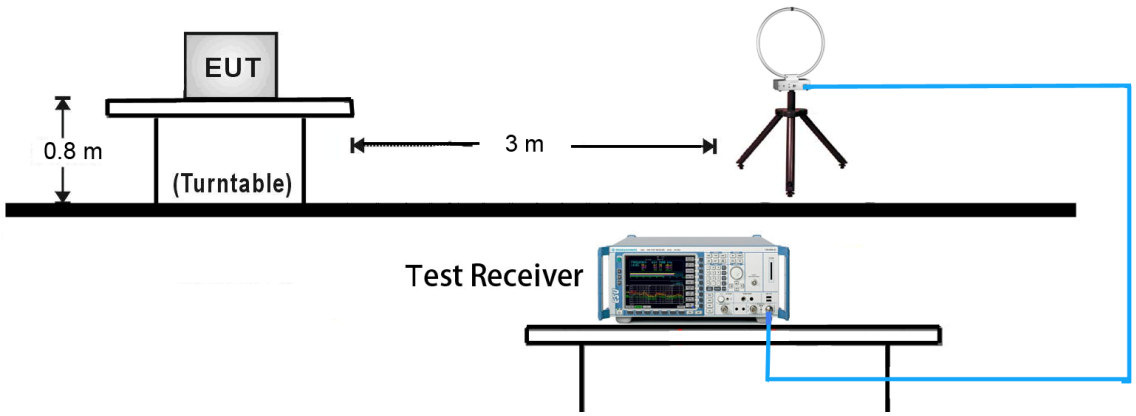
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

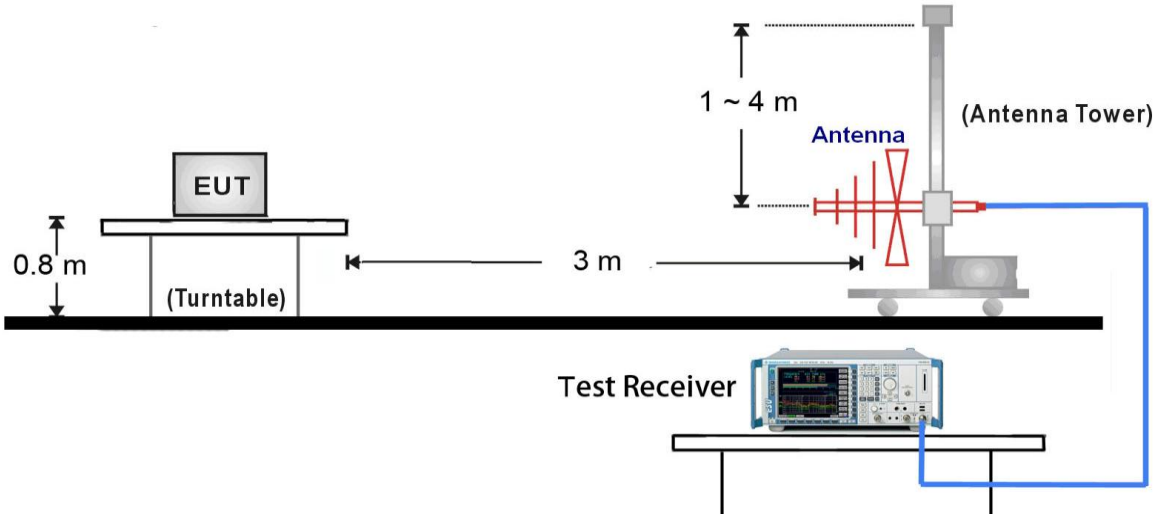
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100 sweeps

7.7.4. Test Setup

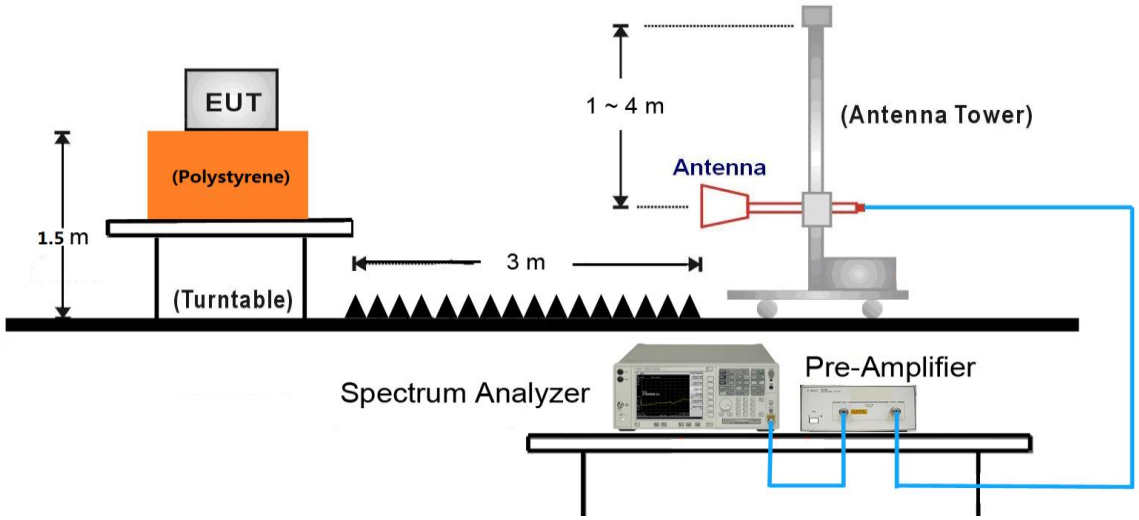
9kHz ~ 30MHz Test Setup:



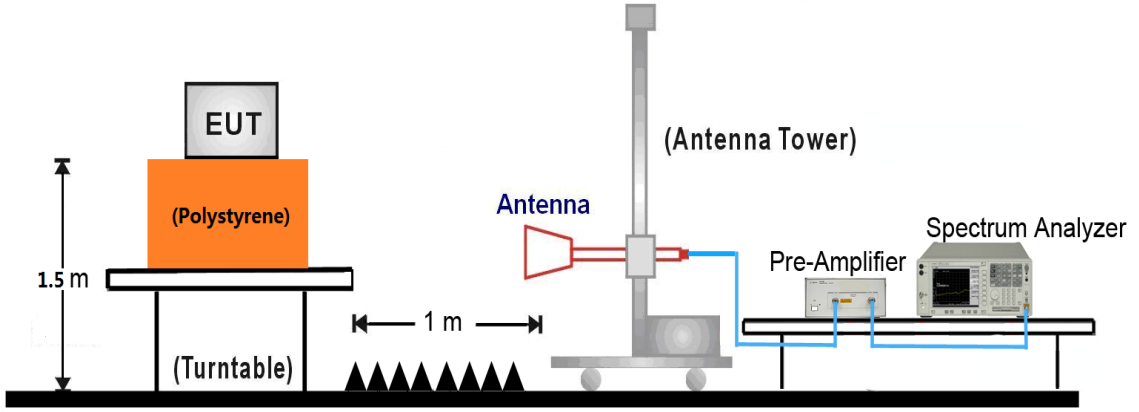
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.7.5. Test Result

Test Mode:	802.11a	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
	8327.0	37.4	8.0	45.4	74.0	-28.6	Peak	Horizontal
*	10520.0	40.1	12.4	52.5	88.2	-35.7	Peak	Horizontal
	12645.0	36.3	11.4	47.7	74.0	-26.3	Peak	Horizontal
*	16351.0	35.1	12.9	48.0	88.2	-40.2	Peak	Horizontal
	8055.0	38.3	8.8	47.1	74.0	-26.9	Peak	Vertical
*	10520.0	42.1	12.4	54.5	88.2	-33.7	Peak	Vertical
	12500.5	36.1	11.4	47.5	74.0	-26.5	Peak	Vertical
*	16385.0	35.6	13.0	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 emission.

Note 2: Measure 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
	8497.0	37.3	8.3	45.6	74.0	-28.4	Peak	Horizontal
*	10596.5	39.3	12.4	51.7	88.2	-36.5	Peak	Horizontal
	12500.5	35.4	11.4	46.8	74.0	-27.2	Peak	Horizontal
*	16215.0	35.4	12.6	48.0	88.2	-40.2	Peak	Horizontal
	7341.0	36.8	8.0	44.8	74.0	-29.2	Peak	Vertical
*	9525.5	36.5	10.7	47.2	88.2	-41.0	Peak	Vertical
	10601.9	31.3	12.4	43.7	54.0	-10.3	Average	Vertical
	10605.0	41.9	12.4	54.3	74.0	-19.7	Peak	Vertical
*	12781.0	35.8	11.7	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:	802.11a	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
	7528.0	36.6	8.3	44.9	74.0	-29.1	Peak	Horizontal
*	8862.5	37.0	9.1	46.1	88.2	-42.1	Peak	Horizontal
	10639.0	40.1	12.3	52.4	74.0	-21.6	Peak	Horizontal
*	13529.0	37.1	13.8	50.9	88.2	-37.3	Peak	Horizontal
	7621.5	36.8	8.0	44.8	74.0	-29.2	Peak	Vertical
*	13104.0	36.1	12.5	48.6	88.2	-39.6	Peak	Vertical
	10639.0	43.1	12.3	55.4	74.0	-18.6	Average	Vertical
	10643.0	29.8	12.3	42.1	54.0	-11.9	Peak	Vertical
*	16453.0	35.8	13.2	49.0	88.2	-39.2	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:	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
	8426.5	36.2	8.2	44.4	74.0	-29.6	Peak	Horizontal
*	10154.5	36.7	11.6	48.3	88.2	-39.9	Peak	Horizontal
	11013.0	39.6	13.0	52.6	74.0	-21.4	Peak	Horizontal
*	16308.5	36.3	12.9	49.2	88.2	-39.0	Peak	Horizontal
	7862.4	36.3	8.4	44.7	74.0	-29.3	Peak	Vertical
*	9235.4	35.0	10.1	45.1	88.2	-43.1	Peak	Vertical
	11000.1	29.2	13.0	42.2	54.0	-11.8	Average	Vertical
	11004.5	41.2	13.0	54.2	74.0	-19.8	Peak	Vertical
*	16215.0	37.5	12.6	50.1	88.2	-38.1	Peak	Vertical

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

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

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

Test Mode:	802.11a	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
	8492.8	36.2	8.3	44.5	74.0	-29.5	Peak	Horizontal
*	10256.5	35.7	11.9	47.6	88.2	-40.6	Peak	Horizontal
	11157.5	39.5	12.6	52.1	74.0	-21.9	Peak	Horizontal
*	16461.5	36.0	13.3	49.3	88.2	-38.9	Peak	Horizontal
	8412.0	36.7	8.1	44.8	74.0	-29.2	Peak	Vertical
*	9772.0	35.7	11.4	47.1	88.2	-41.1	Peak	Vertical
	11157.5	37.7	12.6	50.3	74.0	-23.7	Peak	Vertical
*	13503.5	35.9	13.7	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:	802.11a	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
	8038.0	36.8	8.8	45.6	74.0	-28.4	Peak	Horizontal
*	9959.0	35.0	11.4	46.4	88.2	-41.8	Peak	Horizontal
	11404.0	38.7	12.6	51.3	74.0	-22.7	Peak	Horizontal
*	13614.0	35.8	13.9	49.7	88.2	-38.5	Peak	Horizontal
	8072.0	37.6	8.7	46.3	74.0	-27.7	Peak	Vertical
*	9721.0	35.5	11.1	46.6	88.2	-41.6	Peak	Vertical
	11404.0	38.1	12.6	50.7	74.0	-23.3	Peak	Vertical
*	13614.0	35.8	13.9	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:	802.11n-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
	8301.5	38.5	8.0	46.5	74.0	-27.5	Peak	Horizontal
*	10520.0	38.6	12.4	51.0	88.2	-37.2	Peak	Horizontal
	13359.0	35.4	13.6	49.0	74.0	-25.0	Peak	Horizontal
*	16903.5	38.1	15.3	53.4	88.2	-34.8	Peak	Horizontal
	8423.7	35.3	8.2	43.5	74.0	-30.5	Peak	Vertical
*	10520.0	42.5	12.4	54.9	88.2	-33.3	Peak	Vertical
	13269.0	34.4	12.8	47.2	74.0	-26.8	Peak	Vertical
*	14623.5	34.5	15.7	50.2	88.2	-38.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	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
	7326.4	36.0	8.0	44.0	74.0	-30.0	Peak	Horizontal
*	8516.3	36.6	8.4	45.0	88.2	-43.2	Peak	Horizontal
	10596.5	41.6	12.4	54.0	74.0	-20.0	Peak	Horizontal
	10597.6	29.0	12.4	41.4	54.0	-12.6	Average	Horizontal
*	13426.3	34.3	13.6	47.9	88.2	-40.3	Peak	Horizontal
	7269.4	36.2	8.0	44.2	74.0	-29.8	Peak	Vertical
*	7926.4	36.0	8.5	44.5	88.2	-43.7	Peak	Vertical
	10600.8	29.7	12.4	42.1	54.0	-11.9	Average	Vertical
	10605.0	42.1	12.4	54.5	74.0	-19.5	Peak	Vertical
*	12736.4	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:	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
	7359.4	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
*	8612.7	35.6	8.8	44.4	88.2	-43.8	Peak	Horizontal
	10638.6	27.9	12.3	40.2	54.0	-13.8	Average	Horizontal
	10639.0	41.4	12.3	53.7	74.0	-20.3	Peak	Horizontal
*	14126.0	34.6	15.3	49.9	88.2	-38.3	Peak	Horizontal
	7658.1	35.5	8.0	43.5	74.0	-30.5	Peak	Vertical
*	9253.4	36.4	10.2	46.6	88.2	-41.6	Peak	Vertical
	10639.0	42.3	12.3	54.6	74.0	-19.4	Peak	Vertical
	10643.1	29.6	12.3	41.9	54.0	-12.1	Average	Vertical
*	13456.4	34.3	13.7	48.0	88.2	-40.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	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
	7352.4	35.5	8.0	43.5	74.0	-30.5	Peak	Horizontal
*	9256.3	35.3	10.3	45.6	88.2	-42.6	Peak	Horizontal
	10992.5	27.3	13.0	40.3	54.0	-13.7	Average	Horizontal
	10996.0	41.0	13.0	54.0	74.0	-20.0	Peak	Horizontal
*	13426.4	34.4	13.6	48.0	88.2	-40.2	Peak	Horizontal
	7259.9	36.1	7.9	44.0	74.0	-30.0	Peak	Vertical
*	9263.4	35.6	10.3	45.9	88.2	-42.3	Peak	Vertical
	10996.0	41.6	13.0	54.6	74.0	-19.4	Peak	Vertical
	11001.0	29.3	13.0	42.3	54.0	-11.7	Average	Vertical
*	13462.8	34.6	13.7	48.3	88.2	-39.9	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:	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
	7443.0	39.3	8.0	47.3	74.0	-26.7	Peak	Horizontal
*	9245.9	34.9	10.2	45.1	88.2	-43.1	Peak	Horizontal
	11149.0	40.6	12.6	53.2	74.0	-20.8	Peak	Horizontal
*	13452.9	34.6	13.7	48.3	88.2	-39.9	Peak	Horizontal
	7443.0	38.4	8.0	46.4	74.0	-27.6	Peak	Vertical
*	9257.8	34.7	10.3	45.0	88.2	-43.2	Peak	Vertical
	11157.5	39.7	12.6	52.3	74.0	-21.7	Peak	Vertical
*	13452.8	35.5	13.7	49.2	88.2	-39.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	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
	7357.5	35.9	8.0	43.9	74.0	-30.1	Peak	Horizontal
*	9284.7	34.4	10.3	44.7	88.2	-43.5	Peak	Horizontal
	11400.0	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
*	13487.3	34.0	13.7	47.7	88.2	-40.5	Peak	Horizontal
	7316.4	35.5	8.0	43.5	74.0	-30.5	Peak	Vertical
*	9253.8	34.9	10.2	45.1	88.2	-43.1	Peak	Vertical
	11400.0	35.4	12.6	48.0	74.0	-26.0	Peak	Vertical
*	13452.0	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
	8652.3	35.4	8.8	44.2	74.0	-29.8	Peak	Horizontal
*	10537.0	37.6	12.5	50.1	88.2	-38.1	Peak	Horizontal
	11482.1	35.1	12.7	47.8	74.0	-26.2	Peak	Horizontal
*	14504.5	34.9	15.7	50.6	88.2	-37.6	Peak	Horizontal
	7358.3	36.5	8.0	44.5	74.0	-29.5	Peak	Vertical
*	10545.5	40.1	12.5	52.6	88.2	-35.6	Peak	Vertical
	13254.2	34.8	12.7	47.5	74.0	-26.5	Peak	Vertical
*	16204.2	35.2	12.5	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:	802.11n-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
	8143.2	35.6	8.5	44.1	74.0	-29.9	Peak	Horizontal
*	9253.6	35.4	10.2	45.6	88.2	-42.6	Peak	Horizontal
	10622.0	38.0	12.4	50.4	74.0	-23.6	Peak	Horizontal
*	13403.4	34.5	13.7	48.2	88.2	-40.0	Peak	Horizontal
	7653.2	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
*	9245.3	34.4	10.2	44.6	88.2	-43.6	Peak	Vertical
	10622.0	39.1	12.4	51.5	74.0	-22.5	Peak	Vertical
*	13423.4	34.6	13.6	48.2	88.2	-40.0	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:	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
	8246.4	35.8	8.1	43.9	74.0	-30.1	Peak	Horizontal
*	9253.4	34.1	10.2	44.3	88.2	-43.9	Peak	Horizontal
	11013.0	37.9	13.0	50.9	74.0	-23.1	Peak	Horizontal
*	13422.4	33.9	13.6	47.5	88.2	-40.7	Peak	Horizontal
	7653.6	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	8636.4	35.0	8.8	43.8	88.2	-44.4	Peak	Vertical
	11021.5	40.2	13.0	53.2	74.0	-20.8	Peak	Vertical
*	13426.4	34.8	13.6	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:	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
	8263.4	35.9	8.1	44.0	74.0	-30.0	Peak	Horizontal
*	9253.4	34.8	10.2	45.0	88.2	-43.2	Peak	Horizontal
	11020.0	34.4	13.0	47.4	74.0	-26.6	Peak	Horizontal
*	13426.4	33.9	13.6	47.5	88.2	-40.7	Peak	Horizontal
	7653.3	35.5	8.0	43.5	74.0	-30.5	Peak	Vertical
*	9254.6	35.5	10.2	45.7	88.2	-42.5	Peak	Vertical
	11020.0	35.1	13.0	48.1	74.0	-25.9	Peak	Vertical
*	13463.6	34.2	13.7	47.9	88.2	-40.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	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
	7254.4	36.3	7.9	44.2	74.0	-29.8	Peak	Horizontal
*	8862.4	34.9	9.1	44.0	88.2	-44.2	Peak	Horizontal
	11336.0	36.6	12.5	49.1	74.0	-24.9	Peak	Horizontal
*	13420.4	34.4	13.6	48.0	88.2	-40.2	Peak	Horizontal
	7653.8	35.9	8.0	43.9	74.0	-30.1	Peak	Vertical
*	8758.5	35.1	9.0	44.1	88.2	-44.1	Peak	Vertical
	11340.0	35.6	12.5	48.1	74.0	-25.9	Peak	Vertical
*	13521.4	34.8	13.8	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-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
	7359.7	36.0	8.0	44.0	74.0	-30.0	Peak	Horizontal
*	10520.0	39.0	12.4	51.4	88.2	-36.8	Peak	Horizontal
	13265.5	34.6	12.8	47.4	74.0	-26.6	Peak	Horizontal
*	16243.6	35.2	12.7	47.9	88.2	-40.3	Peak	Horizontal
	8653.7	35.5	8.8	44.3	74.0	-29.7	Peak	Vertical
*	10520.0	43.3	12.4	55.7	88.2	-32.5	Peak	Vertical
	11532.4	34.3	12.7	47.0	74.0	-27.0	Peak	Vertical
*	13426.4	34.7	13.6	48.3	88.2	-39.9	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:	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
	8362.4	35.9	8.0	43.9	74.0	-30.1	Peak	Horizontal
*	10596.5	40.5	12.4	52.9	88.2	-35.3	Peak	Horizontal
	11953.4	35.4	11.9	47.3	74.0	-26.7	Peak	Horizontal
*	13453.4	35.5	13.7	49.2	88.2	-39.0	Peak	Horizontal
	8253.7	36.1	8.1	44.2	74.0	-29.8	Peak	Vertical
*	9253.7	34.7	10.2	44.9	88.2	-43.3	Peak	Vertical
	10605.0	40.8	12.4	53.2	74.0	-20.8	Peak	Vertical
*	12723.6	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:	802.11ac-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
	8153.7	36.4	8.4	44.8	74.0	-29.2	Peak	Horizontal
*	9236.4	34.6	10.1	44.7	88.2	-43.5	Peak	Horizontal
	10638.4	28.5	12.3	40.8	54.0	-13.2	Average	Horizontal
	10639.0	41.0	12.3	53.3	74.0	-20.7	Peak	Horizontal
*	12736.4	34.9	11.7	46.6	88.2	-41.6	Peak	Horizontal
	8253.4	35.8	8.1	43.9	74.0	-30.1	Peak	Vertical
*	9253.4	34.8	10.2	45.0	88.2	-43.2	Peak	Vertical
	10639.0	40.5	12.3	52.8	74.0	-21.2	Peak	Vertical
*	12703.4	34.9	11.6	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
	7352.4	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
*	8652.2	35.4	8.8	44.2	88.2	-44.0	Peak	Horizontal
	10987.5	39.3	13.0	52.3	74.0	-21.7	Peak	Horizontal
*	12703.4	35.6	11.6	47.2	88.2	-41.0	Peak	Horizontal
	7263.4	35.6	7.9	43.5	74.0	-30.5	Peak	Vertical
*	8652.2	35.8	8.8	44.6	88.2	-43.6	Peak	Vertical
	11004.5	40.0	13.0	53.0	74.0	-21.0	Peak	Vertical
*	12726.4	34.6	11.6	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-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
	7356.3	35.8	8.0	43.8	74.0	-30.2	Peak	Horizontal
*	8654.4	35.2	8.8	44.0	88.2	-44.2	Peak	Horizontal
	11149.0	39.1	12.6	51.7	74.0	-22.3	Peak	Horizontal
*	12732.4	34.8	11.7	46.5	88.2	-41.7	Peak	Horizontal
	7259.7	36.2	7.9	44.1	74.0	-29.9	Peak	Vertical
*	8645.3	35.5	8.8	44.3	88.2	-43.9	Peak	Vertical
	11157.5	38.0	12.6	50.6	74.0	-23.4	Peak	Vertical
*	12756.4	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:	802.11ac-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
	7325.4	36.3	8.0	44.3	74.0	-29.7	Peak	Horizontal
*	8642.0	35.4	8.8	44.2	88.2	-44.0	Peak	Horizontal
	11400.0	35.3	12.6	47.9	74.0	-26.1	Peak	Horizontal
*	12754.9	34.2	11.7	45.9	88.2	-42.3	Peak	Horizontal
	7326.4	35.2	8.0	43.2	74.0	-30.8	Peak	Vertical
*	8671.4	35.1	8.9	44.0	88.2	-44.2	Peak	Vertical
	11400.0	35.9	12.6	48.5	74.0	-25.5	Peak	Vertical
*	12864.9	34.1	12.0	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-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
	7524.5	36.4	8.3	44.7	74.0	-29.3	Peak	Horizontal
*	8643.8	35.0	8.8	43.8	88.2	-44.4	Peak	Horizontal
	11438.0	40.1	12.6	52.7	74.0	-21.3	Peak	Horizontal
*	17158.5	44.5	15.7	60.2	88.2	-28.0	Peak	Horizontal
	7435.6	35.9	8.0	43.9	74.0	-30.1	Peak	Vertical
*	8653.4	35.4	8.8	44.2	88.2	-44.0	Peak	Vertical
	11438.0	37.1	12.6	49.7	74.0	-24.3	Peak	Vertical
*	17158.5	38.3	15.7	54.0	88.2	-34.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	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
	8421.6	35.7	8.2	43.9	74.0	-30.1	Peak	Horizontal
*	10537.0	37.1	12.5	49.6	88.2	-38.6	Peak	Horizontal
	11587.7	35.5	12.6	48.1	74.0	-25.9	Peak	Horizontal
*	13421.6	34.4	13.6	48.0	88.2	-40.2	Peak	Horizontal
	7653.4	36.7	8.0	44.7	74.0	-29.3	Peak	Vertical
*	10545.5	38.0	12.5	50.5	88.2	-37.7	Peak	Vertical
	11586.7	35.2	12.6	47.8	74.0	-26.2	Peak	Vertical
*	13496.9	34.3	13.7	48.0	88.2	-40.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	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
	7340.2	36.0	8.0	44.0	74.0	-30.0	Peak	Horizontal
*	8653.7	35.3	8.8	44.1	88.2	-44.1	Peak	Horizontal
	10613.5	37.9	12.4	50.3	74.0	-23.7	Peak	Horizontal
*	13426.4	33.9	13.6	47.5	88.2	-40.7	Peak	Horizontal
	7268.9	35.6	8.0	43.6	74.0	-30.4	Peak	Vertical
*	8626.4	35.2	8.8	44.0	88.2	-44.2	Peak	Vertical
	10622.0	39.8	12.4	52.2	74.0	-21.8	Peak	Vertical
*	13426.6	35.0	13.6	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:	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
	7348.7	37.0	8.0	45.0	74.0	-29.0	Peak	Horizontal
*	8642.2	35.1	8.8	43.9	88.2	-44.3	Peak	Horizontal
	11013.0	37.4	13.0	50.4	74.0	-23.6	Peak	Horizontal
*	12726.4	34.7	11.6	46.3	88.2	-41.9	Peak	Horizontal
	7457.5	35.9	8.1	44.0	74.0	-30.0	Peak	Vertical
*	8629.9	34.9	8.8	43.7	88.2	-44.5	Peak	Vertical
	11021.5	36.9	13.0	49.9	74.0	-24.1	Peak	Vertical
*	12749.3	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:	802.11ac-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
	7346.4	35.3	8.0	43.3	74.0	-30.7	Peak	Horizontal
*	8642.3	34.8	8.8	43.6	88.2	-44.6	Peak	Horizontal
	11174.5	39.3	12.6	51.9	74.0	-22.1	Peak	Horizontal
*	12742.4	34.9	11.7	46.6	88.2	-41.6	Peak	Horizontal
	7264.0	36.0	7.9	43.9	74.0	-30.1	Peak	Vertical
*	8642.4	35.3	8.8	44.1	88.2	-44.1	Peak	Vertical
	11100.0	34.7	12.8	47.5	74.0	-26.5	Peak	Vertical
*	12813.5	34.4	11.8	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:	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
	7326.4	35.7	8.0	43.7	74.0	-30.3	Peak	Horizontal
*	8626.4	35.6	8.8	44.4	88.2	-43.8	Peak	Horizontal
	11336.0	38.0	12.5	50.5	74.0	-23.5	Peak	Horizontal
*	13403.4	34.8	13.7	48.5	88.2	-39.7	Peak	Horizontal
	7426.4	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
*	8626.3	35.7	8.8	44.5	88.2	-43.7	Peak	Vertical
	11336.0	36.4	12.5	48.9	74.0	-25.1	Peak	Vertical
*	12763.5	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:	802.11ac-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
	7392.8	35.5	7.9	43.4	74.0	-30.6	Peak	Horizontal
*	8659.6	35.6	8.8	44.4	88.2	-43.8	Peak	Horizontal
	11421.0	36.8	12.6	49.4	74.0	-24.6	Peak	Horizontal
*	12746.4	35.0	11.7	46.7	88.2	-41.5	Peak	Horizontal
	7395.4	36.2	7.9	44.1	74.0	-29.9	Peak	Vertical
*	8653.5	34.7	8.8	43.5	88.2	-44.7	Peak	Vertical
	11429.5	36.5	12.6	49.1	74.0	-24.9	Peak	Vertical
*	13063.4	34.9	12.3	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:	802.11ac-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
	7358.5	35.4	8.0	43.4	74.0	-30.6	Peak	Horizontal
*	8629.8	34.8	8.8	43.6	88.2	-44.6	Peak	Horizontal
	10580.0	34.4	12.4	46.8	74.0	-27.2	Peak	Horizontal
*	12726.3	34.8	11.6	46.4	88.2	-41.8	Peak	Horizontal
	7359.5	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
*	8625.2	35.4	8.8	44.2	88.2	-44.0	Peak	Vertical
	10580.0	35.6	12.4	48.0	74.0	-26.0	Peak	Vertical
*	12738.0	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-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
	7375.0	39.2	7.9	47.1	74.0	-26.9	Peak	Horizontal
*	8648.6	35.5	8.8	44.3	88.2	-43.9	Peak	Horizontal
	11060.0	34.8	12.9	47.7	74.0	-26.3	Peak	Horizontal
*	12726.5	34.9	11.7	46.6	88.2	-41.6	Peak	Horizontal
	7329.9	36.3	8.0	44.3	74.0	-29.7	Peak	Vertical
*	8648.4	35.1	8.8	43.9	88.2	-44.3	Peak	Vertical
	11060.0	34.8	12.9	47.7	74.0	-26.3	Peak	Vertical
*	12723.9	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:	802.11ac-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
	7375.0	37.6	7.9	45.5	74.0	-28.5	Peak	Horizontal
*	9610.5	35.2	10.9	46.1	88.2	-42.1	Peak	Horizontal
	11550.0	36.0	12.7	48.7	74.0	-25.3	Peak	Horizontal
*	14030.5	34.5	14.9	49.4	88.2	-38.8	Peak	Horizontal
	7653.7	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	9253.5	35.2	10.2	45.4	88.2	-42.8	Peak	Vertical
	11013.0	35.6	13.0	48.6	74.0	-25.4	Peak	Vertical
*	13724.5	35.1	14.1	49.2	88.2	-39.0	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-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
	7587.5	39.7	8.2	47.9	74.0	-26.1	Peak	Horizontal
*	8647.2	35.2	8.8	44.0	88.2	-44.2	Peak	Horizontal
	11378.5	36.8	12.6	49.4	74.0	-24.6	Peak	Horizontal
*	12751.1	34.7	11.7	46.4	88.2	-41.8	Peak	Horizontal
	7269.2	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
*	8625.4	35.1	8.8	43.9	88.2	-44.3	Peak	Vertical
	11380.0	35.1	12.6	47.7	74.0	-26.3	Peak	Vertical
*	13026.7	34.7	12.2	46.9	88.2	-41.3	Peak	Vertical

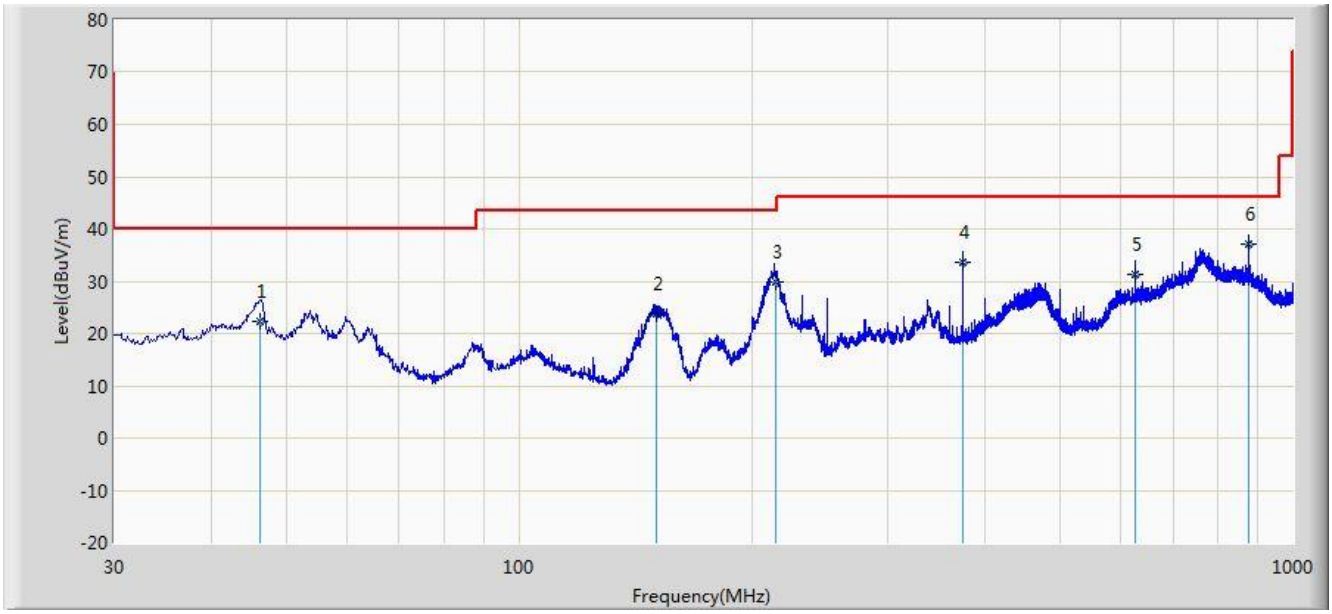
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2015/02/05 - 09:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	

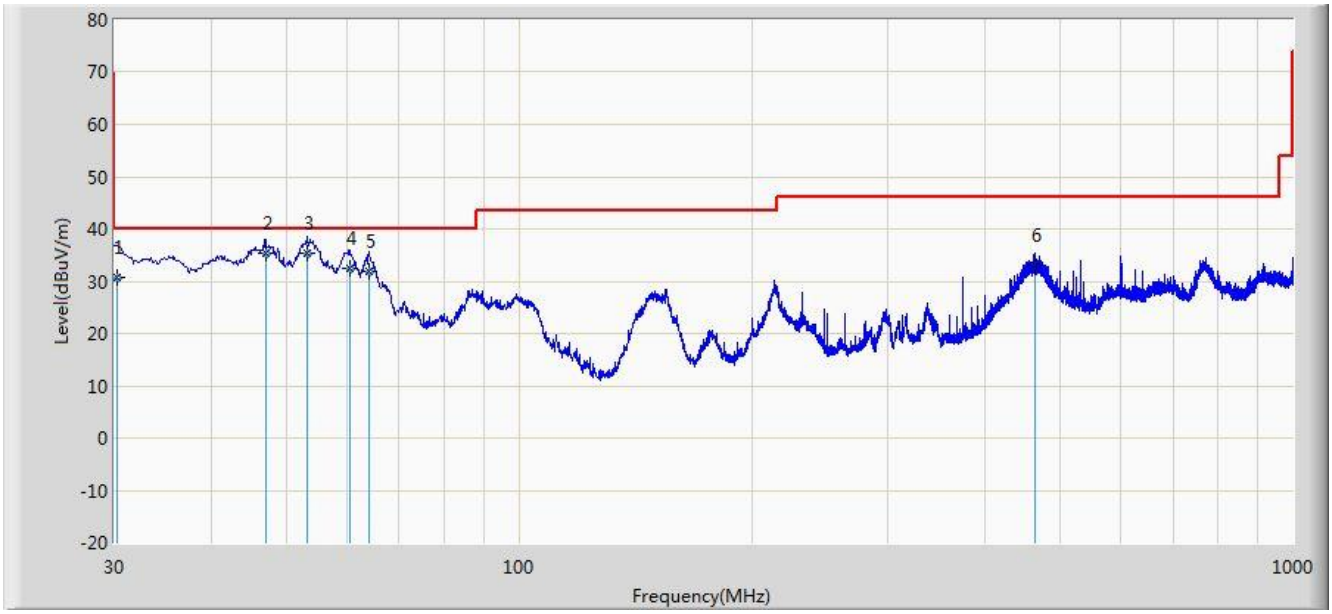


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			46.265	22.229	7.264	-17.771	40.000	14.966	QP
2			150.225	23.815	14.366	-19.685	43.500	9.449	QP
3			214.241	29.723	17.256	-13.777	43.500	12.467	QP
4			375.025	33.503	17.350	-12.497	46.000	16.152	QP
5			625.200	31.298	11.035	-14.702	46.000	20.263	QP
6		*	875.020	37.017	13.240	-8.983	46.000	23.777	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 - 09:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	

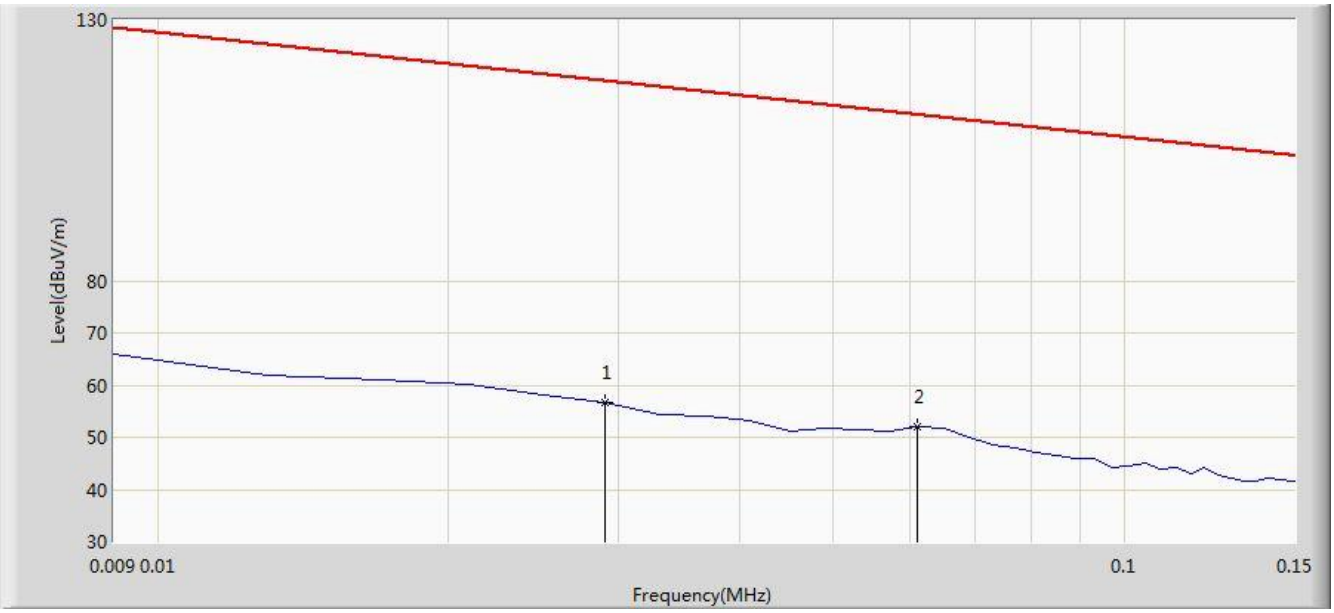


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.200	30.613	18.556	-9.387	40.000	12.057	QP
2		*	47.095	35.302	20.350	-4.698	40.000	14.952	QP
3			53.156	35.219	20.365	-4.781	40.000	14.854	QP
4			60.435	32.467	18.684	-7.533	40.000	13.784	QP
5			64.074	31.773	18.950	-8.227	40.000	12.823	QP
6			465.200	33.124	15.520	-12.876	46.000	17.604	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: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

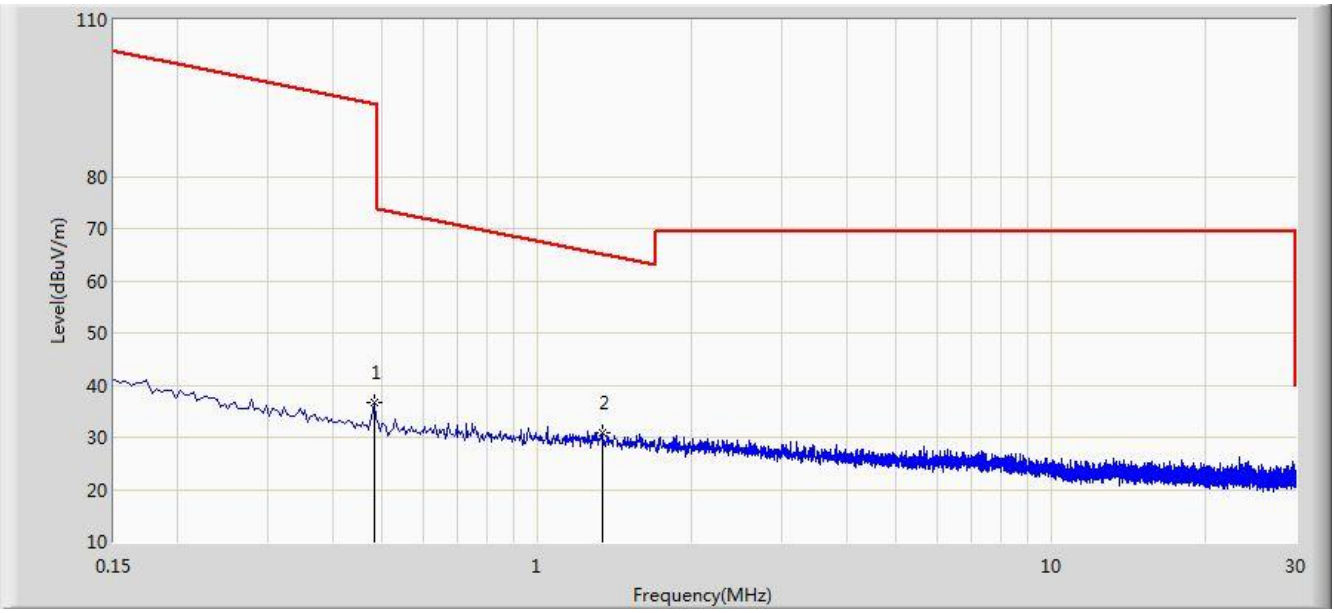


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.610	35.660	-61.732	118.342	21.049	QP
2		*	0.061	51.899	31.588	-59.988	111.887	20.311	QP

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

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

Site: AC1	Time: 2015/02/05 - 09:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

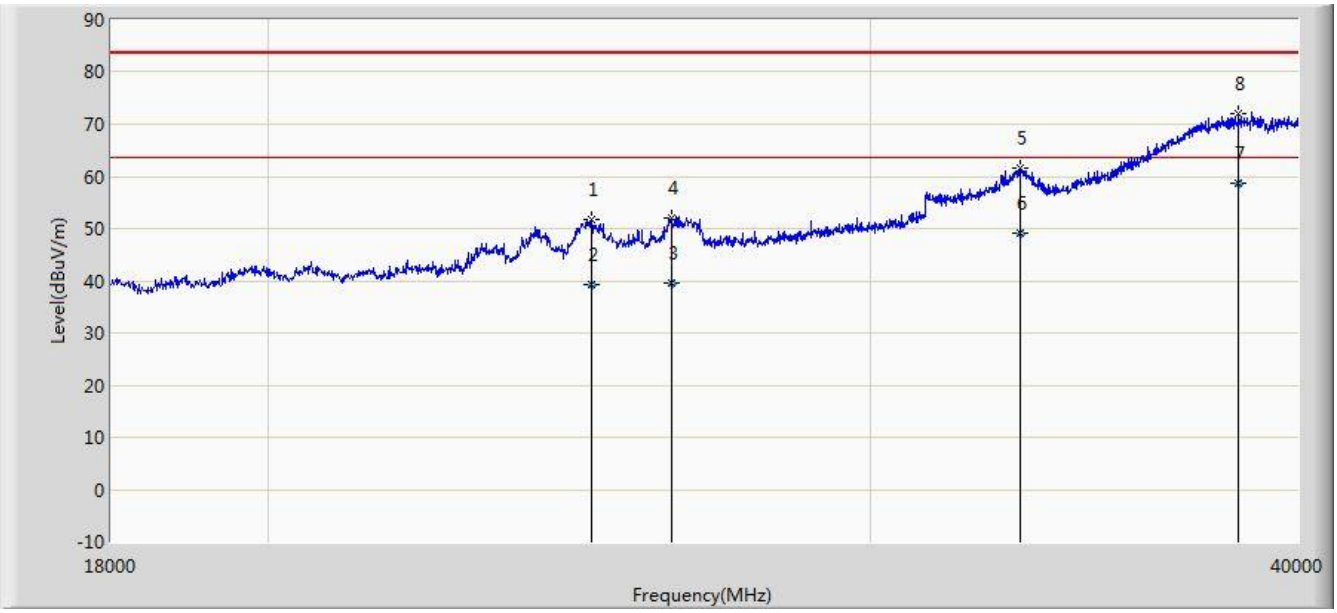


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.482	36.584	16.183	-57.359	93.943	20.401	QP
2		*	1.338	31.001	10.512	-34.098	65.099	20.489	QP

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: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	

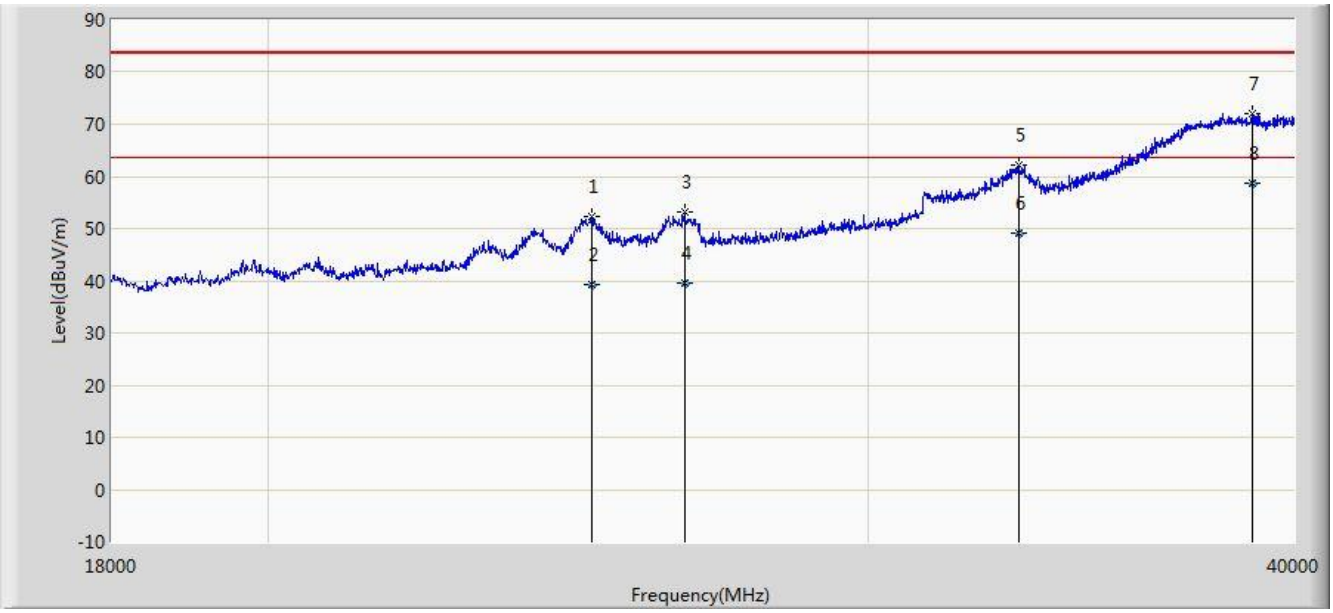


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24864.000	51.836	37.061	-31.664	83.500	14.775	PK
2			24864.088	39.225	24.450	-24.275	63.500	14.775	AV
3			26260.988	39.469	24.050	-24.031	63.500	15.419	AV
4			26261.000	51.956	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: Indoor GPON HGU	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)

7.8. Radiated Restricted Band Edge Measurement

7.8.1. 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:

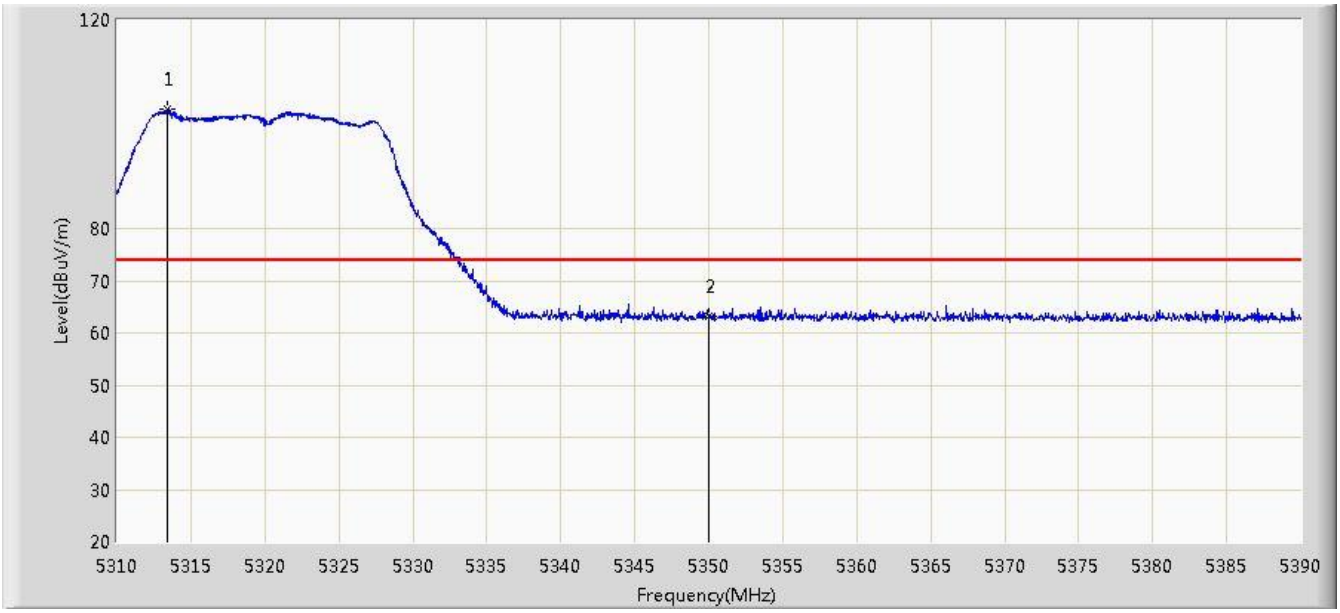
Note: Refer to KDB 789033 D02v01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the 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

7.8.2. Test Result of Radiated Restricted Band Edge

Site: AC1	Time: 2015/01/11 - 10:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 5320MHz by 802.11a Ant 0+1+2+3	

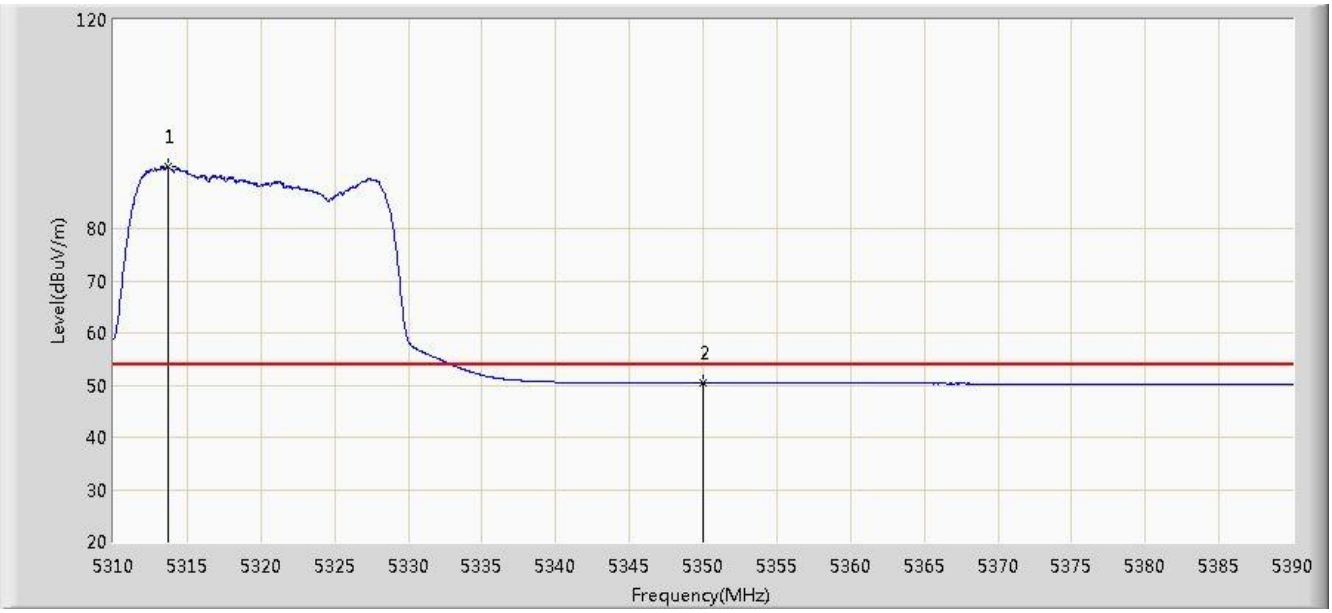


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.440	102.777	65.575	N/A	N/A	37.202	PK
2			5350.000	63.307	26.021	-10.693	74.000	37.286	PK

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

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

Site: AC1	Time: 2015/01/11 - 10:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	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		*	5313.680	91.988	54.786	N/A	N/A	37.202	AV
2			5350.000	50.403	13.117	-3.597	54.000	37.286	AV

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

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