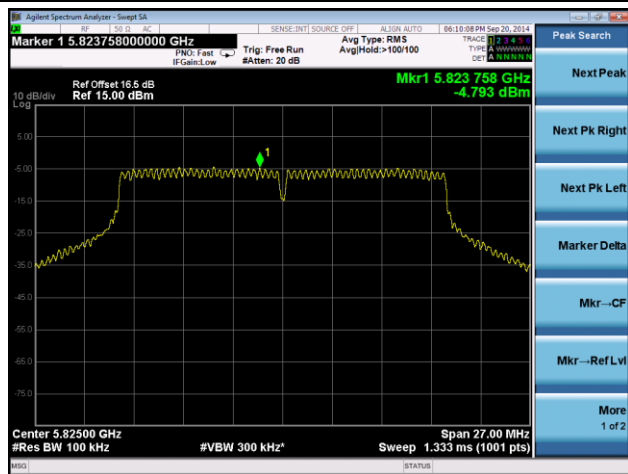
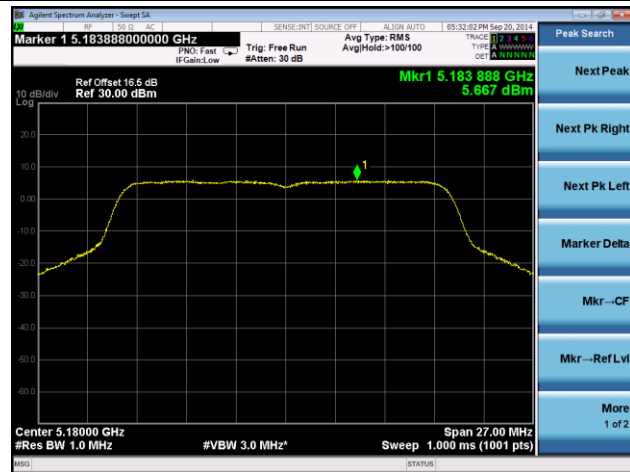


Channel 165 (5825MHz)

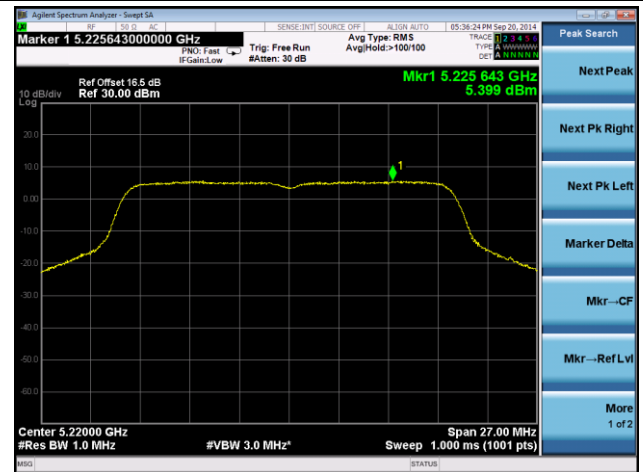


802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1

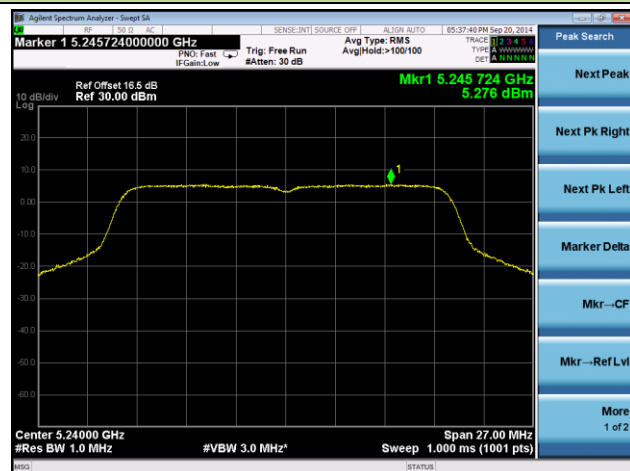
Channel 36 (5180MHz)



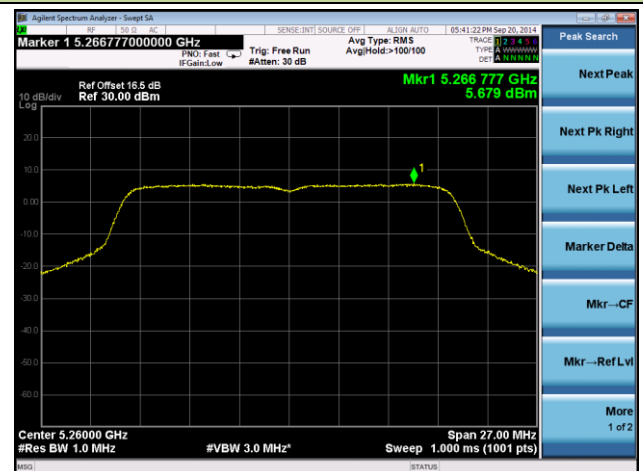
Channel 44 (5220MHz)



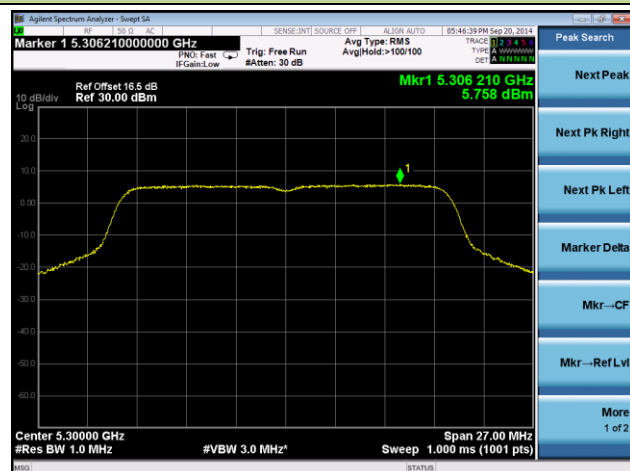
Channel 48 (5240MHz)



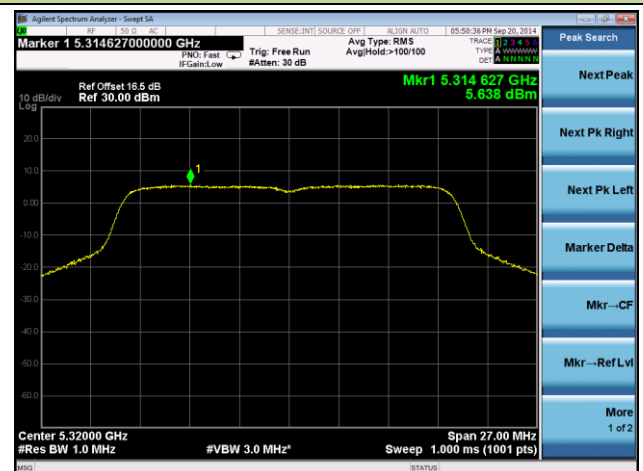
Channel 52 (5260MHz)



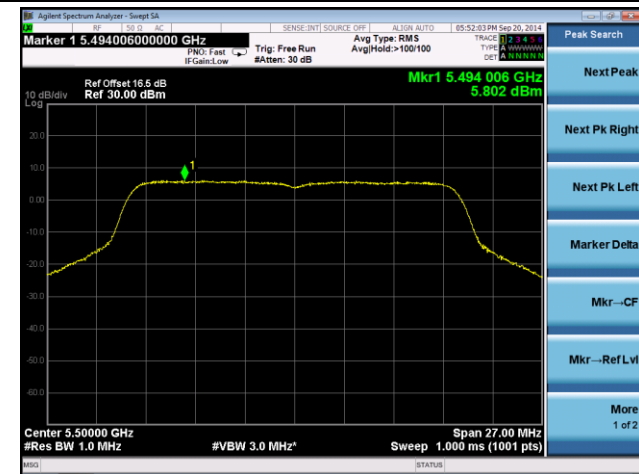
Channel 60 (5300MHz)



Channel 64 (5320MHz)



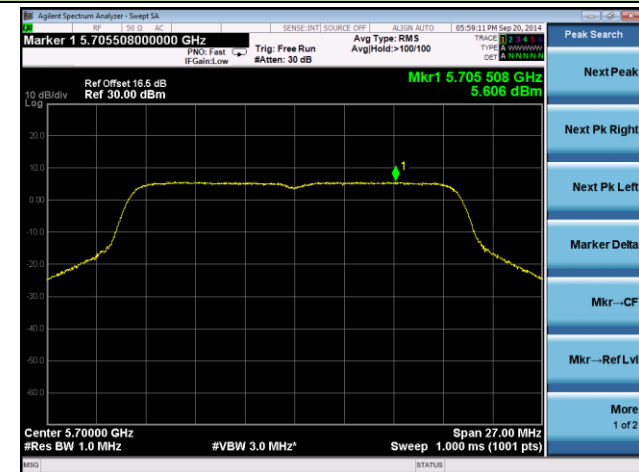
Channel 100 (5500MHz)



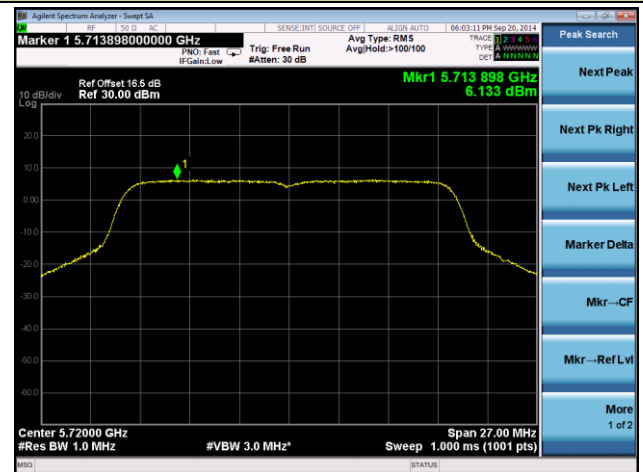
Channel 120 (5600MHz)



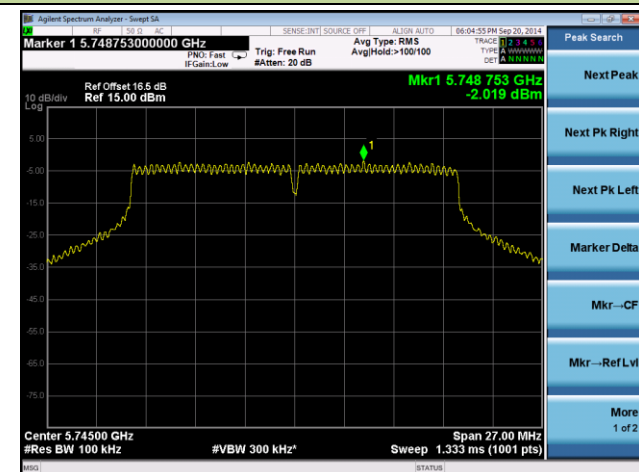
Channel 140 (5700MHz)



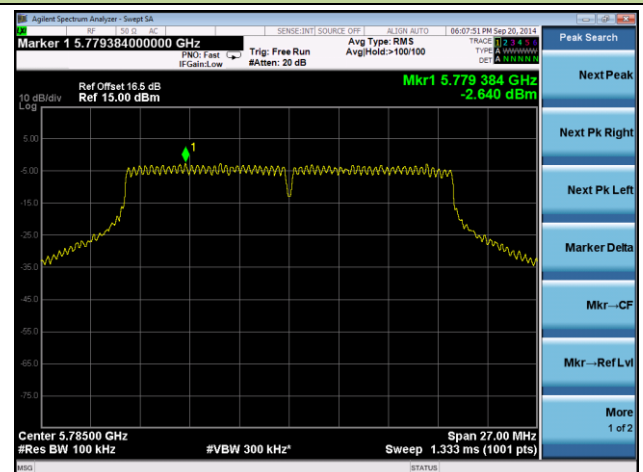
Channel 144 (5720MHz)



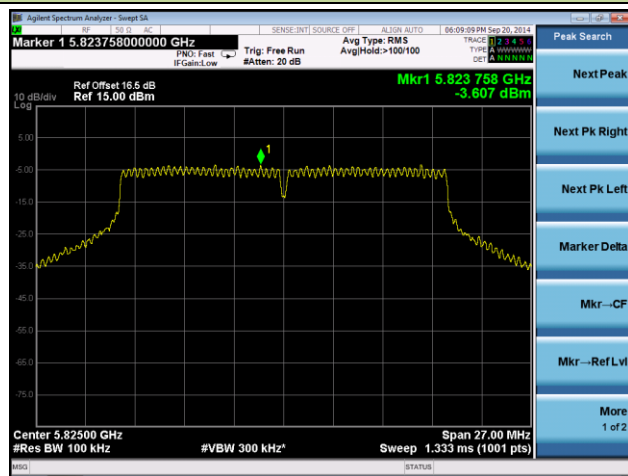
Channel 149 (5745MHz)



Channel 157 (5785MHz)

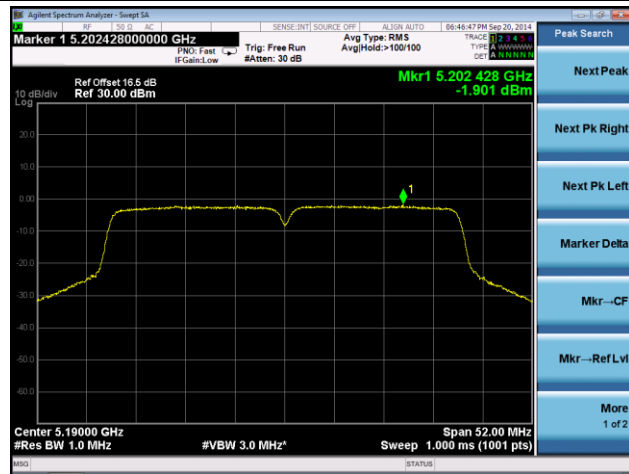


Channel 165 (5825MHz)



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

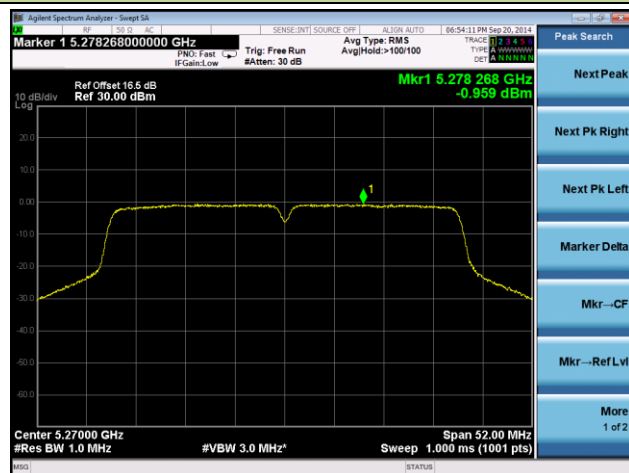
Channel 38 (5190MHz)



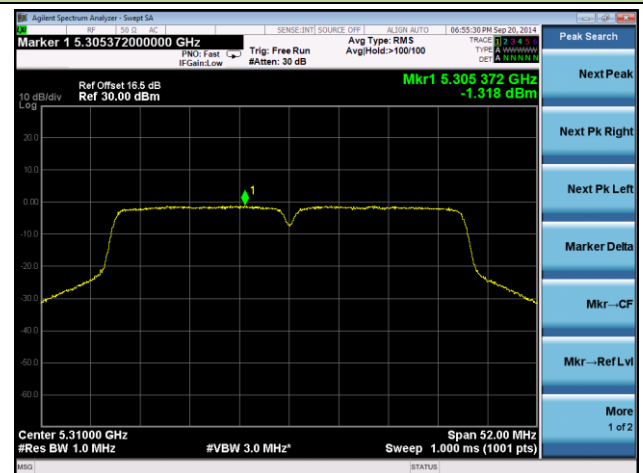
Channel 46 (5230MHz)



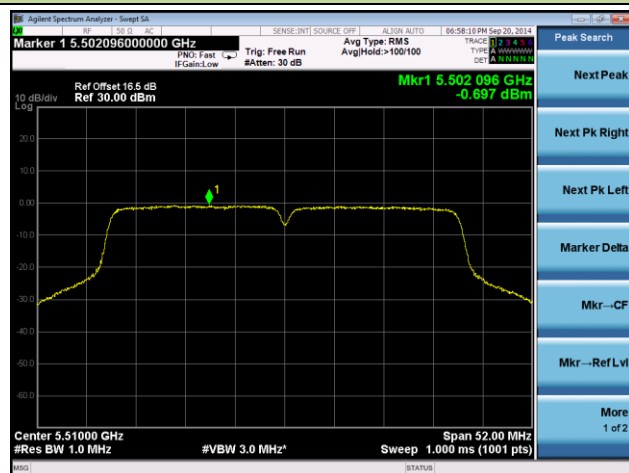
Channel 54 (5270MHz)



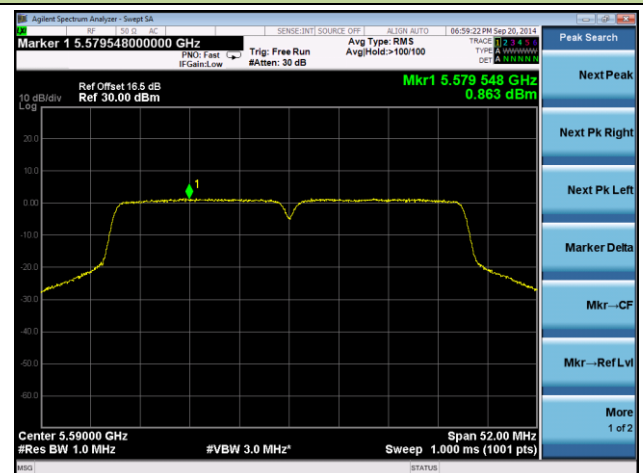
Channel 62 (5310MHz)



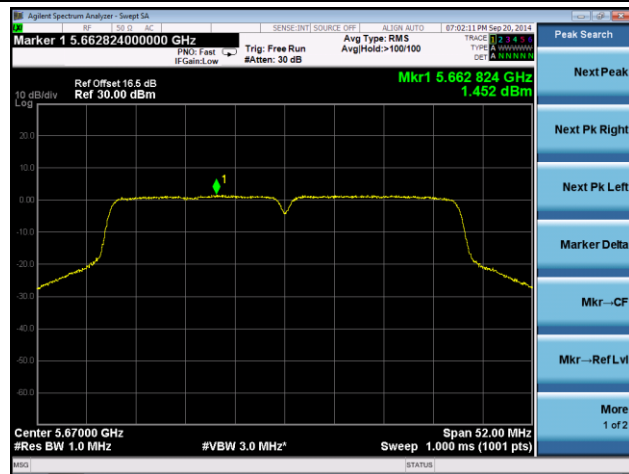
Channel 102 (5510MHz)



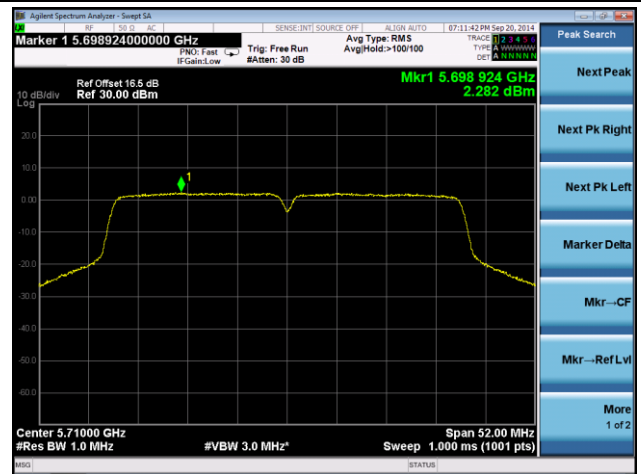
Channel 118 (5590MHz)



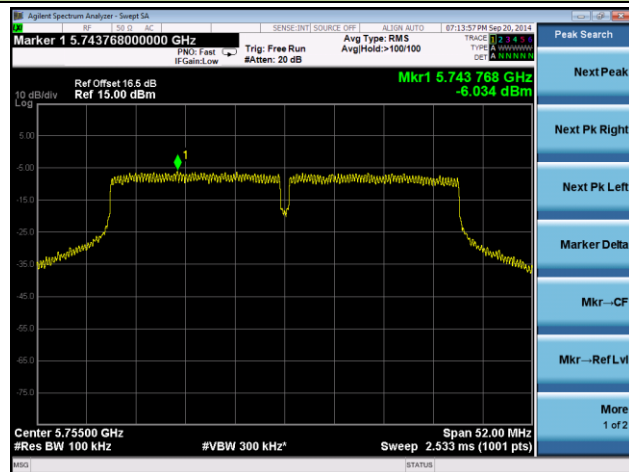
Channel 134 (5670MHz)



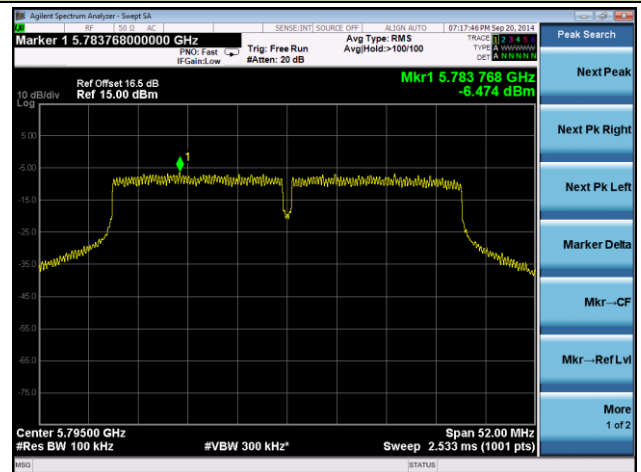
Channel 142 (5710MHz)



Channel 151 (5755MHz)

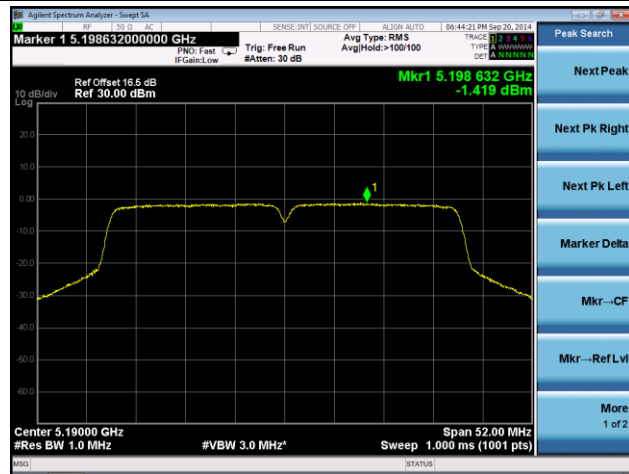


Channel 159 (5795MHz)

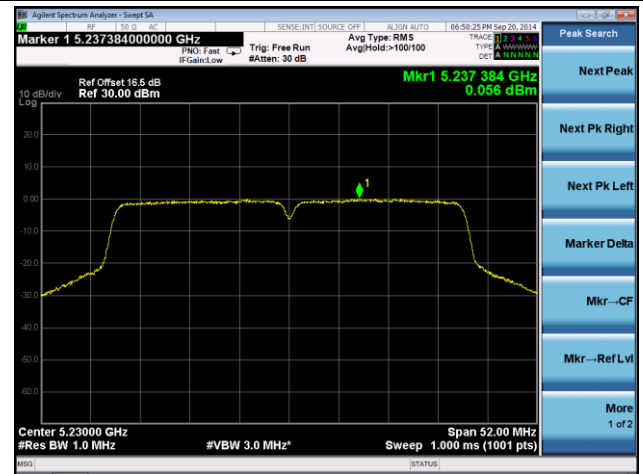


802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1

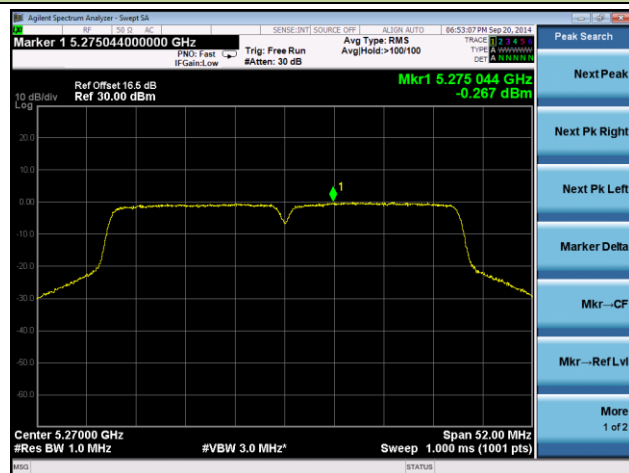
Channel 38 (5190MHz)



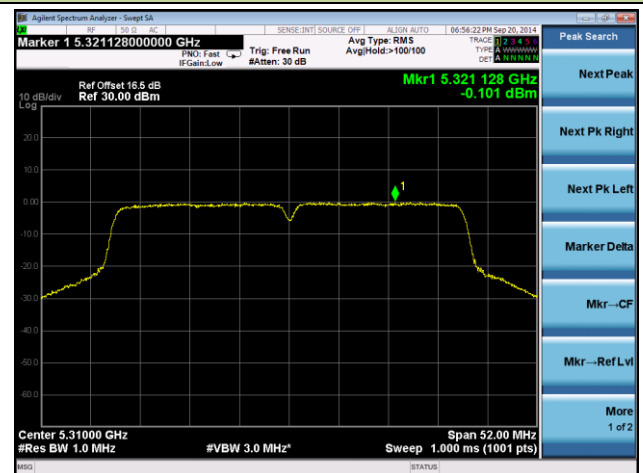
Channel 46 (5230MHz)



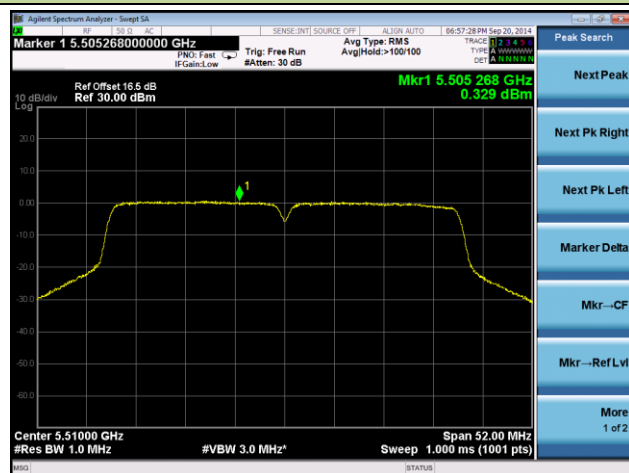
Channel 54 (5270MHz)



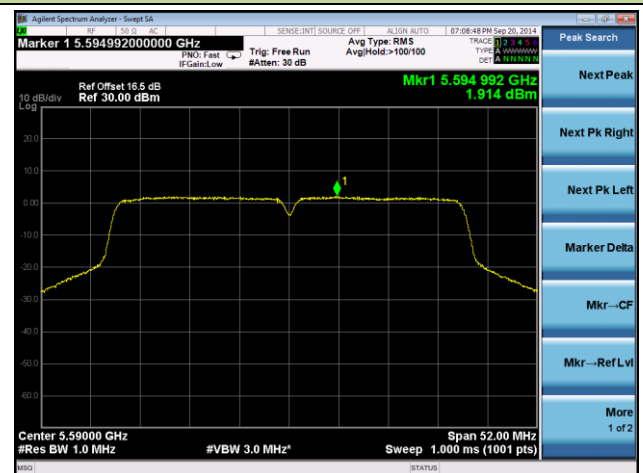
Channel 62 (5310MHz)



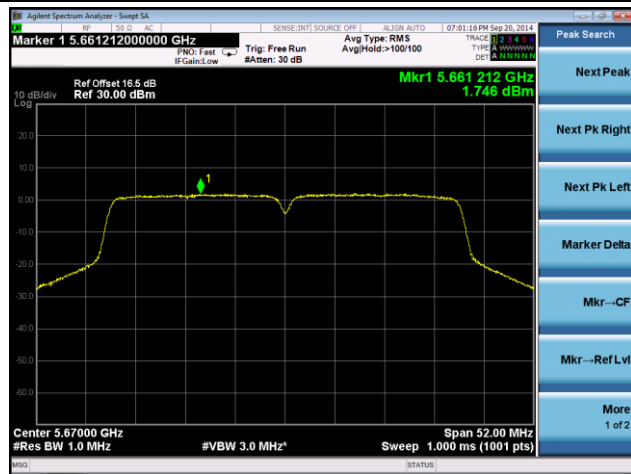
Channel 102 (5510MHz)



Channel 118 (5590MHz)



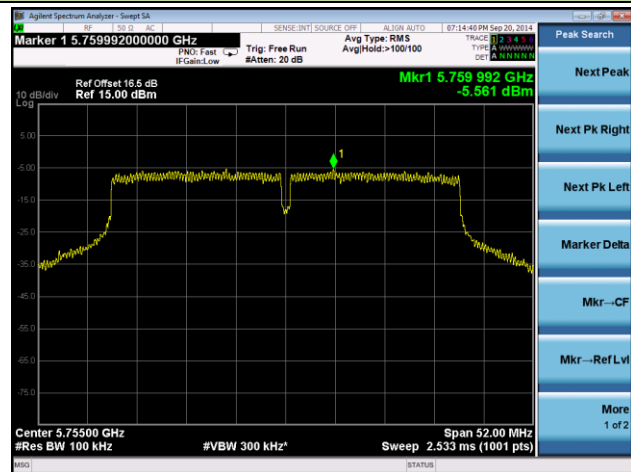
Channel 134 (5670MHz)



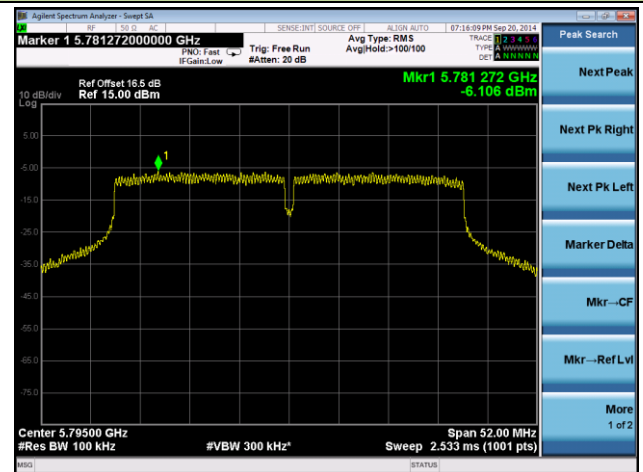
Channel 142 (5710MHz)



Channel 151(5755MHz)

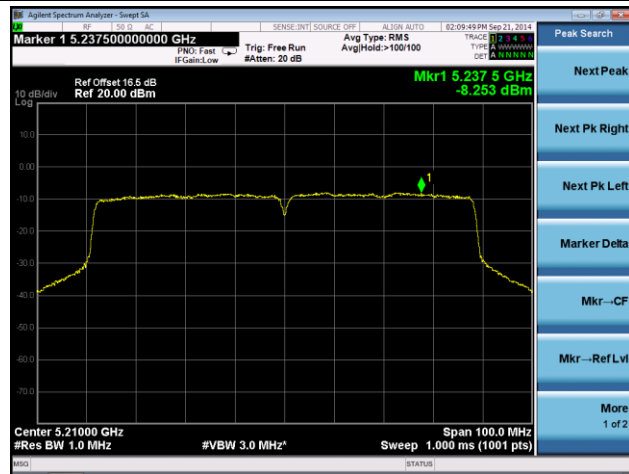


Channel 159 (5795MHz)



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

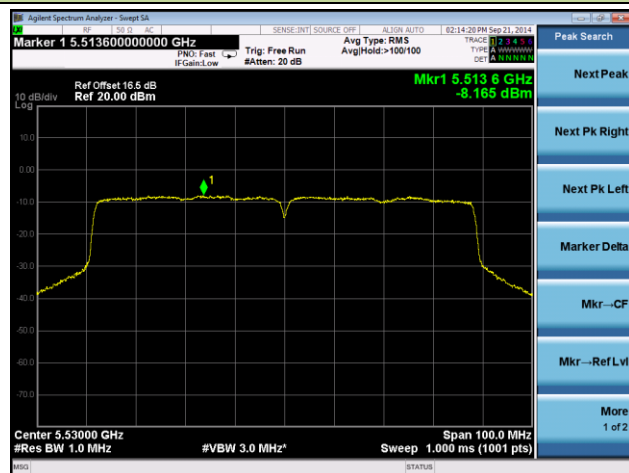
Channel 42 (5210MHz)



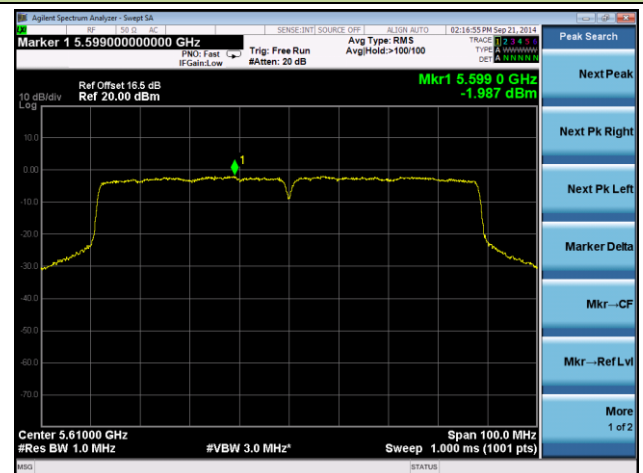
Channel 58 (5290MHz)



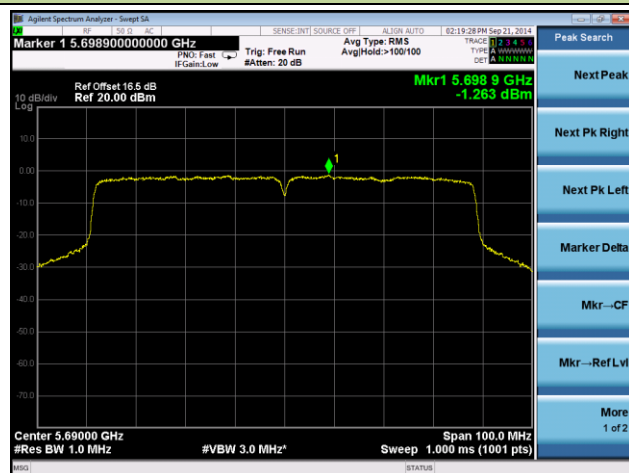
Channel 106 (5530MHz)



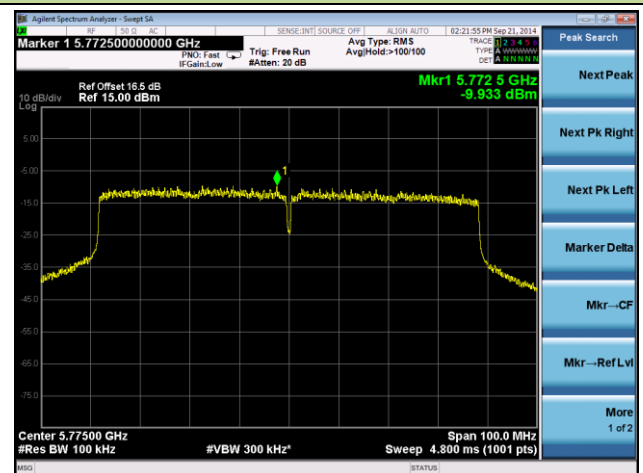
Channel 122 (5610MHz)



Channel 138 (5690MHz)

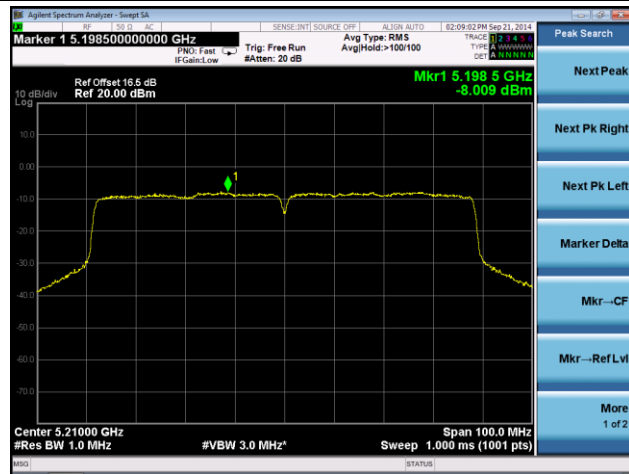


Channel 155 (5775MHz)

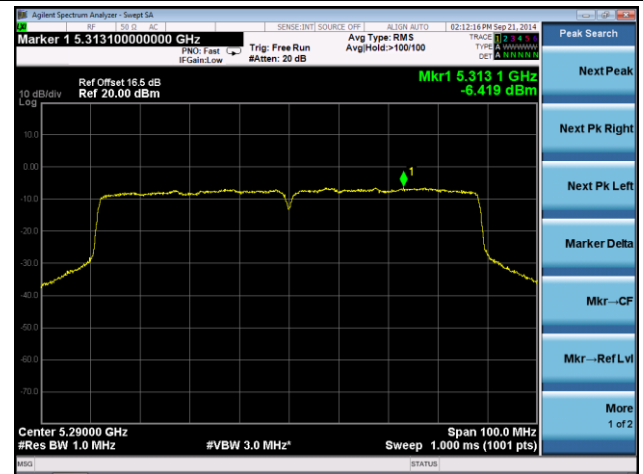


802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1

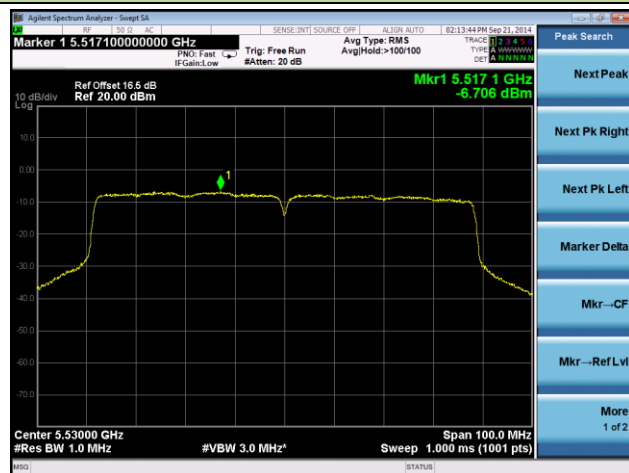
Channel 42 (5210MHz)



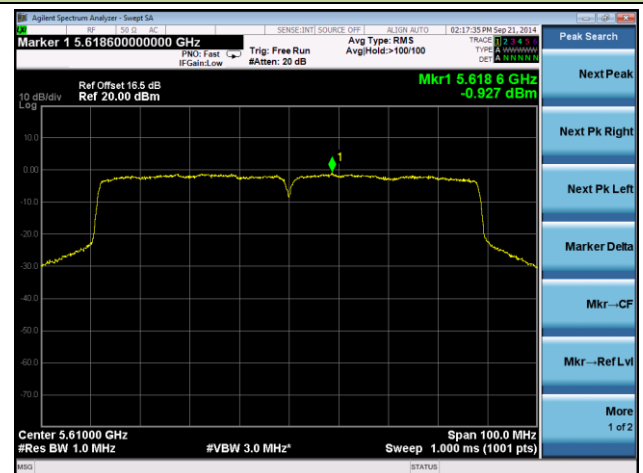
Channel 58 (5290MHz)



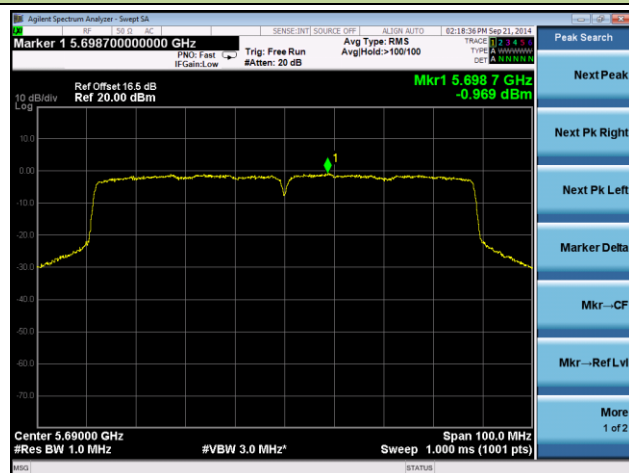
Channel 106 (5530MHz)



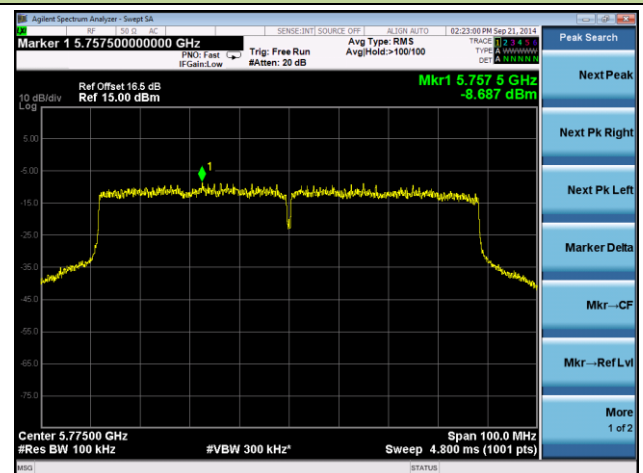
Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5755MHz)



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:

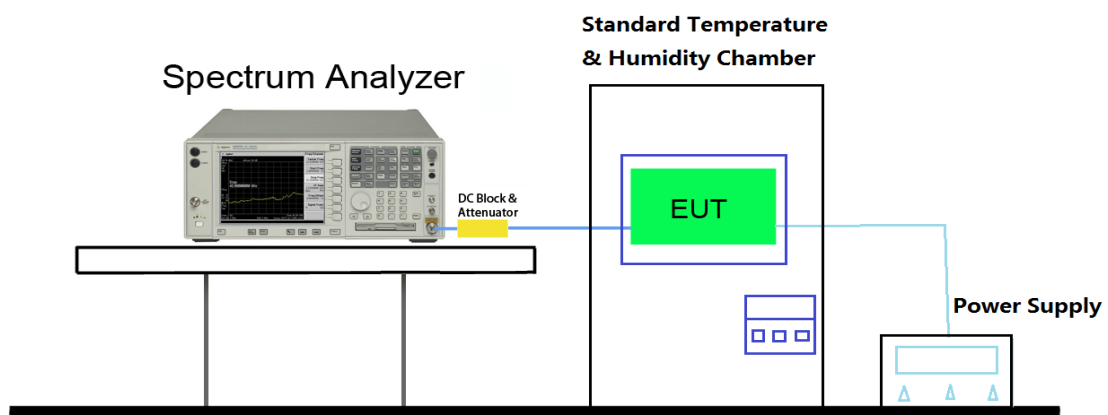
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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 ($\pm 15\%$) 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)	5219992108.713	-7891.287	-0.0001512
			5299990302.635	-9697.365	-0.0001830
			5599990235.710	-9764.290	-0.0001744
			5784990096.706	-9903.294	-0.0001712
		- 30	5220022019.452	22019.452	0.0004218
			5300021641.207	21641.207	0.0004083
			5600024919.116	24919.116	0.0004450
			5785028850.407	28850.407	0.0004987
		- 20	5220015013.403	15013.403	0.0002876
			5300011110.322	11110.322	0.0002096
			5600010771.104	10771.104	0.0001923
			5599998022.186	-1977.814	-0.0000353
		- 10	5219998234.811	-1765.189	-0.0000338
			5299997160.242	-2839.758	-0.0000536
			5599998022.186	-1977.814	-0.0000353
			5785002213.183	2213.183	0.0000383
		0	5220000902.021	902.021	0.0000173
			5299996343.310	-3656.690	-0.0000690
			5599997321.164	-2678.836	-0.0000478
			5785000313.113	313.113	0.0000054
		+ 10	5219992025.445	-7974.555	-0.0001528
			5299991835.063	-8164.937	-0.0001541
			5599991495.161	-8504.839	-0.0001519
			5784990624.797	-9375.203	-0.0001621
		+ 20	5219992108.713	-7891.287	-0.0001512
			5299990302.635	-9697.365	-0.0001830
			5599990235.710	-9764.290	-0.0001744
			5784990096.706	-9903.294	-0.0001712
		+ 30	5219993554.536	-6445.464	-0.0001235
			5299990840.277	-9159.723	-0.0001728
			5599989032.217	-10967.783	-0.0001959
			5784990096.311	-9903.689	-0.0001712
		+ 40	5219992140.316	-7859.684	-0.0001506

			5299990566.612	-9433.388	-0.0001780
			5599989769.745	-10230.255	-0.0001827
			5784990522.202	-9477.798	-0.0001638
		+ 50	5219991835.255	-8164.745	-0.0001564
			5299993262.507	-6737.493	-0.0001271
			5599994605.246	-5394.754	-0.0000963
			5784996384.212	-3615.788	-0.0000625
115%	138	+ 20	5219993044.354	-6955.646	-0.0001333
			5299992402.377	-7597.623	-0.0001434
			5599991335.243	-8664.757	-0.0001547
			5784990833.926	-9166.074	-0.0001584
85%	102	+ 20	5219995138.712	-4861.288	-0.0000931
			5299993205.493	-6794.507	-0.0001282
			5599991932.847	-8067.153	-0.0001441
			5784991419.127	-8580.873	-0.0001483

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

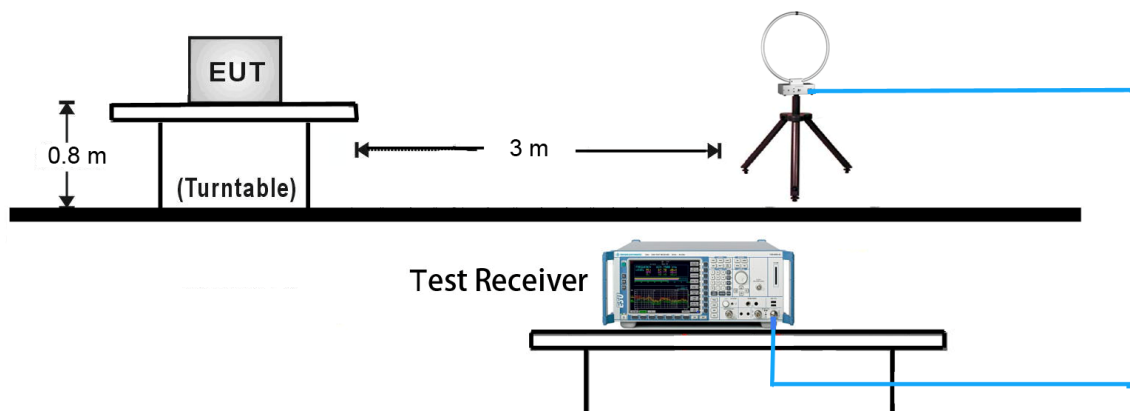
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

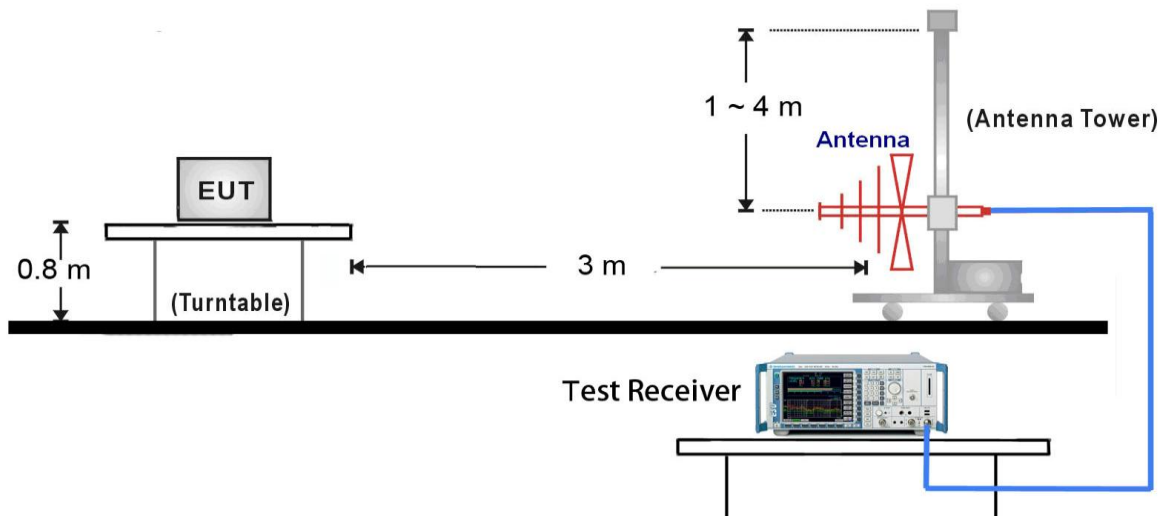
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $> 2 \times \text{span}/\text{RBW}$)
6. Sweep time = auto
7. Trace was averaged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

7.8.4. Test Setup

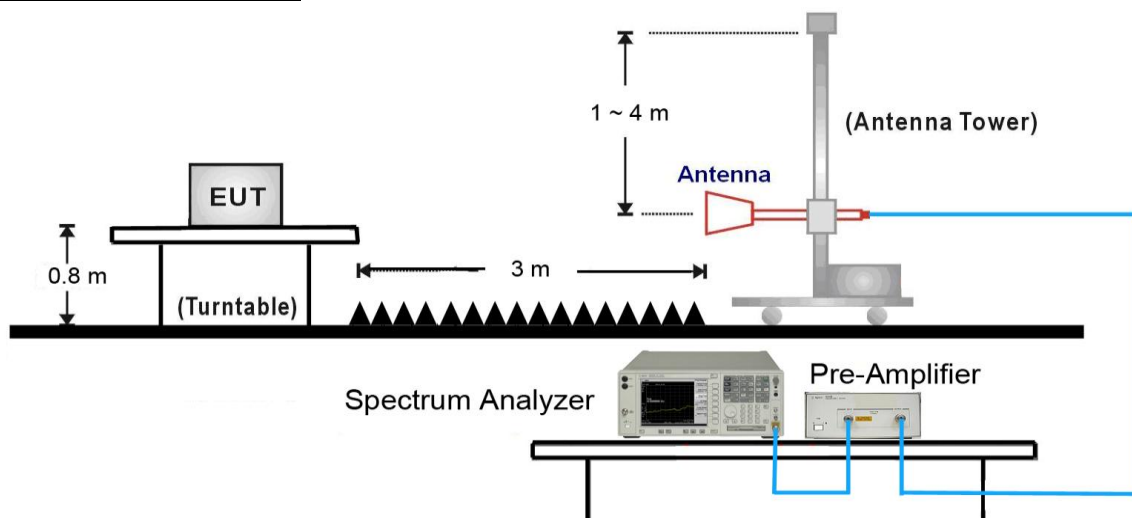
9kHz ~ 30MHz Test Setup:



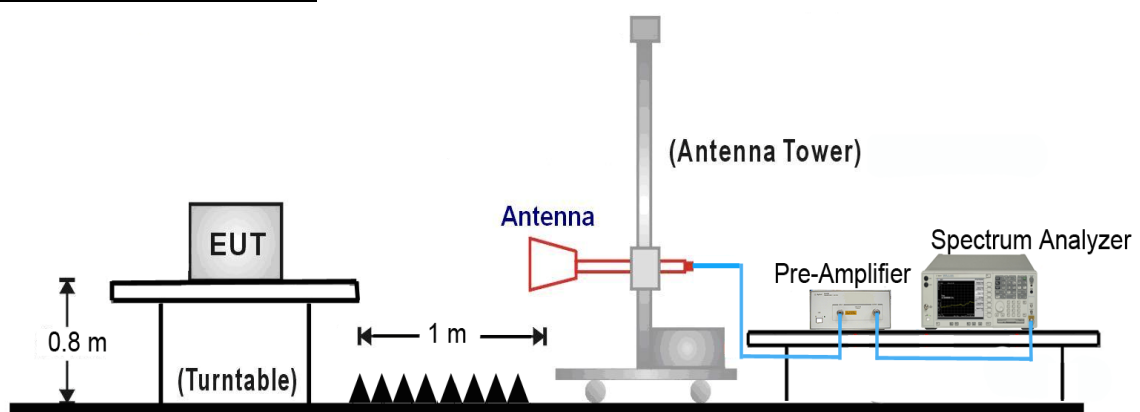
30MHz ~ 1GHz Test Setup:



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
*	7145.5	35.3	13.5	48.8	88.2	-39.4	Peak	Horizontal
*	7774.5	33.9	14.9	48.8	88.2	-39.4	Peak	Horizontal
	8429.0	34.5	14.6	49.1	74.0	-24.9	Peak	Horizontal
	9049.5	34.5	14.5	49.0	74.0	-25.0	Peak	Horizontal
*	7230.5	36.1	13.8	49.9	88.2	-38.3	Peak	Vertical
*	7876.5	32.8	15.0	47.8	88.2	-40.4	Peak	Vertical
	8429.0	33.4	14.6	48.0	74.0	-26.0	Peak	Vertical
	9143.0	33.7	15.2	48.9	74.0	-25.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7145.5	35.8	13.5	49.3	88.2	-38.9	Peak	Horizontal
*	7876.5	33.1	15.0	48.1	88.2	-40.1	Peak	Horizontal
	8131.5	33.5	15.0	48.5	74.0	-25.5	Peak	Horizontal
	9066.5	34.3	14.5	48.8	74.0	-25.2	Peak	Horizontal
*	7230.5	35.9	13.8	49.7	88.2	-38.5	Peak	Vertical
*	7902.0	33.4	15.0	48.4	88.2	-39.8	Peak	Vertical
	8429.0	33.7	14.6	48.3	74.0	-25.7	Peak	Vertical
	9024.0	33.9	14.5	48.4	74.0	-25.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7179.5	35.6	13.6	49.2	88.2	-39.0	Peak	Horizontal
*	7902.0	33.7	15.0	48.7	88.2	-39.5	Peak	Horizontal
	8471.5	33.5	14.6	48.1	74.0	-25.9	Peak	Horizontal
	9015.5	34.2	14.5	48.7	74.0	-25.3	Peak	Horizontal
*	7145.5	35.6	13.5	49.1	88.2	-39.1	Peak	Vertical
*	7902.0	33.2	15.0	48.2	88.2	-40.0	Peak	Vertical
	8276.0	33.2	14.3	47.5	74.0	-26.5	Peak	Vertical
	9355.5	32.8	15.4	48.2	74.0	-25.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7145.5	35.6	13.5	49.1	88.2	-39.1	Peak	Horizontal
*	7885.0	33.8	15.0	48.8	88.2	-39.4	Peak	Horizontal
	8242.0	34.3	14.5	48.8	74.0	-25.2	Peak	Horizontal
	9092.0	34.5	14.6	49.1	74.0	-24.9	Peak	Horizontal
*	7171.0	35.3	13.6	48.9	88.2	-39.3	Peak	Vertical
*	7842.5	33.7	15.1	48.8	88.2	-39.4	Peak	Vertical
	8165.5	34.5	14.8	49.3	74.0	-24.7	Peak	Vertical
	9466.0	34.7	15.4	50.1	74.0	-23.9	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7120.0	34.1	13.4	47.5	88.2	-40.7	Peak	Horizontal
*	7944.5	34.8	15.1	49.9	88.2	-38.3	Peak	Horizontal
	8437.5	33.9	14.6	48.5	74.0	-25.5	Peak	Horizontal
	9134.5	34.0	15.1	49.1	74.0	-24.9	Peak	Horizontal
*	7188.0	35.9	13.6	49.5	88.2	-38.7	Peak	Vertical
*	7961.5	32.5	15.0	47.5	88.2	-40.7	Peak	Vertical
	8395.0	33.3	14.4	47.7	74.0	-26.3	Peak	Vertical
	9304.5	34.6	15.4	50.0	74.0	-24.0	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7188.0	35.0	13.6	48.6	88.2	-39.6	Peak	Horizontal
*	7808.5	33.1	15.0	48.1	88.2	-40.1	Peak	Horizontal
	8352.5	31.7	14.4	46.1	74.0	-27.9	Peak	Horizontal
	9304.5	33.9	15.4	49.3	74.0	-24.7	Peak	Horizontal
*	7171.0	34.2	13.6	47.8	88.2	-40.4	Peak	Vertical
*	7783.0	33.1	15.0	48.1	88.2	-40.1	Peak	Vertical
	8463.0	32.6	14.5	47.1	74.0	-26.9	Peak	Vertical
	9347.0	33.1	15.4	48.5	74.0	-25.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7179.5	35.8	13.6	49.4	88.2	-38.8	Peak	Horizontal
*	7885.0	33.1	15.0	48.1	88.2	-40.1	Peak	Horizontal
	8437.5	33.9	14.6	48.5	74.0	-25.5	Peak	Horizontal
	9024.0	34.5	14.5	49.0	74.0	-25.0	Peak	Horizontal
*	7247.5	35.8	13.8	49.6	88.2	-38.6	Peak	Vertical
*	7808.5	33.5	15.0	48.5	88.2	-39.7	Peak	Vertical
	8318.5	33.1	14.4	47.5	74.0	-26.5	Peak	Vertical
	9185.5	34.1	15.3	49.4	74.0	-24.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7222.0	36.3	13.7	50.0	88.2	-38.2	Peak	Horizontal
*	7800.0	33.5	15.0	48.5	88.2	-39.7	Peak	Horizontal
	8327.0	33.3	14.5	47.8	74.0	-26.2	Peak	Horizontal
	9024.0	34.2	14.5	48.7	74.0	-25.3	Peak	Horizontal
*	7205.0	34.4	13.6	48.0	88.2	-40.2	Peak	Vertical
*	7800.0	34.3	15.0	49.3	88.2	-38.9	Peak	Vertical
	8242.0	33.4	14.5	47.9	74.0	-26.1	Peak	Vertical
	9134.5	33.9	15.1	49.0	74.0	-25.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7205.0	35.6	13.6	49.2	88.2	-39.0	Peak	Horizontal
*	7885.0	33.3	15.0	48.3	88.2	-39.9	Peak	Horizontal
	9024.0	34.9	14.5	49.4	74.0	-24.6	Peak	Horizontal
	9423.5	35.6	15.5	51.1	74.0	-22.9	Peak	Horizontal
*	7145.5	34.7	13.5	48.2	88.2	-40.0	Peak	Vertical
*	7868.0	32.7	15.0	47.7	88.2	-40.5	Peak	Vertical
	8284.5	32.9	14.3	47.2	74.0	-26.8	Peak	Vertical
	9432.0	33.6	15.5	49.1	74.0	-24.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7145.5	35.4	13.5	48.9	88.2	-39.3	Peak	Horizontal
*	7834.0	34.2	15.1	49.3	88.2	-38.9	Peak	Horizontal
	8429.0	33.8	14.6	48.4	74.0	-25.6	Peak	Horizontal
	9432.0	33.5	15.5	49.0	74.0	-25.0	Peak	Horizontal
*	7239.0	36.2	13.8	50.0	88.2	-38.2	Peak	Vertical
*	7910.5	33.4	15.0	48.4	88.2	-39.8	Peak	Vertical
	8318.5	34.2	14.4	48.6	74.0	-25.4	Peak	Vertical
	9364.0	32.7	15.3	48.0	74.0	-26.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7111.5	35.0	13.4	48.4	88.2	-39.8	Peak	Horizontal
*	7995.5	33.4	15.0	48.4	88.2	-39.8	Peak	Horizontal
	8446.0	32.5	14.5	47.0	74.0	-27.0	Peak	Horizontal
	9338.5	33.3	15.4	48.7	74.0	-25.3	Peak	Horizontal
*	7154.0	35.5	13.6	49.1	88.2	-39.1	Peak	Vertical
*	7876.5	33.6	15.0	48.6	88.2	-39.6	Peak	Vertical
	8242.0	33.5	14.5	48.0	74.0	-26.0	Peak	Vertical
	9304.5	34.0	15.4	49.4	74.0	-24.6	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7145.5	35.6	13.5	49.1	88.2	-39.1	Peak	Horizontal
*	7842.5	33.9	15.1	49.0	88.2	-39.2	Peak	Horizontal
	8429.0	34.4	14.6	49.0	74.0	-25.0	Peak	Horizontal
	9015.5	35.9	14.5	50.4	74.0	-23.6	Peak	Horizontal
*	7230.5	35.8	13.8	49.6	88.2	-38.6	Peak	Vertical
*	7842.5	34.4	15.1	49.5	88.2	-38.7	Peak	Vertical
	8488.5	35.2	14.7	49.9	74.0	-24.1	Peak	Vertical
	9177.0	34.6	15.3	49.9	74.0	-24.1	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7188.0	35.6	13.6	49.2	88.2	-39.0	Peak	Horizontal
*	7919.0	34.6	15.1	49.7	88.2	-38.5	Peak	Horizontal
	8429.0	34.9	14.6	49.5	74.0	-24.5	Peak	Horizontal
	9381.0	32.8	15.3	48.1	74.0	-25.9	Peak	Horizontal
*	7188.0	36.8	13.6	50.4	88.2	-37.8	Peak	Vertical
*	7825.5	34.5	15.1	49.6	88.2	-38.6	Peak	Vertical
	8276.0	33.3	14.3	47.6	74.0	-26.4	Peak	Vertical
	9347.0	32.9	15.4	48.3	74.0	-25.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7154.0	34.7	13.6	48.3	88.2	-39.9	Peak	Horizontal
*	7893.5	34.2	15.0	49.2	88.2	-39.0	Peak	Horizontal
	8437.5	34.3	14.6	48.9	74.0	-25.1	Peak	Horizontal
	9160.0	34.6	15.3	49.9	74.0	-24.1	Peak	Horizontal
*	7188.0	36.4	13.6	50.0	88.2	-38.2	Peak	Vertical
*	7876.5	33.3	15.0	48.3	88.2	-39.9	Peak	Vertical
	8403.5	33.1	14.5	47.6	74.0	-26.4	Peak	Vertical
	9075.0	34.0	14.5	48.5	74.0	-25.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7145.5	34.4	13.5	47.9	88.2	-40.3	Peak	Horizontal
*	7791.5	32.8	15.0	47.8	88.2	-40.4	Peak	Horizontal
	8301.5	33.2	14.3	47.5	74.0	-26.5	Peak	Horizontal
	9100.5	33.7	14.6	48.3	74.0	-25.7	Peak	Horizontal
*	7086.0	34.9	13.3	48.2	88.2	-40.0	Peak	Vertical
*	7783.0	32.8	15.0	47.8	88.2	-40.4	Peak	Vertical
	8352.5	33.0	14.4	47.4	74.0	-26.6	Peak	Vertical
	9041.0	33.6	14.5	48.1	74.0	-25.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7120.0	35.0	13.4	48.4	88.2	-39.8	Peak	Horizontal
*	7842.5	34.0	15.1	49.1	88.2	-39.1	Peak	Horizontal
	8250.5	33.2	14.4	47.6	74.0	-26.4	Peak	Horizontal
	9389.5	33.2	15.4	48.6	74.0	-25.4	Peak	Horizontal
*	7239.0	36.0	13.8	49.8	88.2	-38.4	Peak	Vertical
*	7783.0	33.1	15.0	48.1	88.2	-40.1	Peak	Vertical
	8454.5	32.9	14.5	47.4	74.0	-26.6	Peak	Vertical
	9109.0	34.3	14.7	49.0	74.0	-25.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7222.0	35.5	13.7	49.2	88.2	-39.0	Peak	Horizontal
*	7868.0	32.7	15.0	47.7	88.2	-40.5	Peak	Horizontal
	8463.0	32.7	14.5	47.2	74.0	-26.8	Peak	Horizontal
	9134.5	33.9	15.1	49.0	74.0	-25.0	Peak	Horizontal
*	7188.0	36.1	13.6	49.7	88.2	-38.5	Peak	Vertical
*	7885.0	33.3	15.0	48.3	88.2	-39.9	Peak	Vertical
	8310.0	33.5	14.4	47.9	74.0	-26.1	Peak	Vertical
	9032.5	34.0	14.5	48.5	74.0	-25.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7154.0	35.2	13.6	48.8	88.2	-39.4	Peak	Horizontal
*	7970.0	32.8	15.0	47.8	88.2	-40.4	Peak	Horizontal
	8386.5	33.7	14.4	48.1	74.0	-25.9	Peak	Horizontal
	9015.5	34.4	14.5	48.9	74.0	-25.1	Peak	Horizontal
*	7154.0	36.8	13.6	50.4	88.2	-37.8	Peak	Vertical
*	7706.5	34.2	14.5	48.7	88.2	-39.5	Peak	Vertical
	8352.5	33.2	14.4	47.6	74.0	-26.4	Peak	Vertical
	9398.0	33.8	15.4	49.2	74.0	-24.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7196.5	36.2	13.6	49.8	88.2	-38.4	Peak	Horizontal
*	7766.0	34.8	14.8	49.6	88.2	-38.6	Peak	Horizontal
	8437.5	34.7	14.6	49.3	74.0	-24.7	Peak	Horizontal
	9466.0	34.3	15.4	49.7	74.0	-24.3	Peak	Horizontal
*	7239.0	36.5	13.8	50.3	88.2	-37.9	Peak	Vertical
*	7987.0	33.0	15.0	48.0	88.2	-40.2	Peak	Vertical
	8369.5	33.9	14.4	48.3	74.0	-25.7	Peak	Vertical
	9143.0	34.2	15.2	49.4	74.0	-24.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7230.5	36.0	13.8	49.8	88.2	-38.4	Peak	Horizontal
*	7987.0	33.0	15.0	48.0	88.2	-40.2	Peak	Horizontal
	8463.0	33.4	14.5	47.9	74.0	-26.1	Peak	Horizontal
	9466.0	34.6	15.4	50.0	74.0	-24.0	Peak	Horizontal
*	7222.0	35.8	13.7	49.5	88.2	-38.7	Peak	Vertical
*	7876.5	33.0	15.0	48.0	88.2	-40.2	Peak	Vertical
	8403.5	33.4	14.5	47.9	74.0	-26.1	Peak	Vertical
	9041.0	34.8	14.5	49.3	74.0	-24.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7196.5	36.0	13.6	49.6	88.2	-38.6	Peak	Horizontal
*	7851.0	34.2	15.1	49.3	88.2	-38.9	Peak	Horizontal
	8276.0	33.7	14.3	48.0	74.0	-26.0	Peak	Horizontal
	9092.0	33.7	14.6	48.3	74.0	-25.7	Peak	Horizontal
*	7222.0	35.9	13.7	49.6	88.2	-38.6	Peak	Vertical
*	7842.5	33.6	15.1	48.7	88.2	-39.5	Peak	Vertical
	8471.5	33.7	14.6	48.3	74.0	-25.7	Peak	Vertical
	9134.5	34.5	15.1	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7247.5	36.9	13.8	50.7	88.2	-37.5	Peak	Horizontal
*	7808.5	33.9	15.0	48.9	88.2	-39.3	Peak	Horizontal
	8386.5	34.0	14.4	48.4	74.0	-25.6	Peak	Horizontal
	9041.0	35.0	14.5	49.5	74.0	-24.5	Peak	Horizontal
*	7179.5	36.3	13.6	49.9	88.2	-38.3	Peak	Vertical
*	7774.5	33.2	14.9	48.1	88.2	-40.1	Peak	Vertical
	8386.5	33.0	14.4	47.4	74.0	-26.6	Peak	Vertical
	9092.0	34.0	14.6	48.6	74.0	-25.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7128.5	35.2	13.5	48.7	88.2	-39.5	Peak	Horizontal
*	7851.0	33.8	15.1	48.9	88.2	-39.3	Peak	Horizontal
	8352.5	33.5	14.4	47.9	74.0	-26.1	Peak	Horizontal
	9092.0	34.1	14.6	48.7	74.0	-25.3	Peak	Horizontal
*	7188.0	35.9	13.6	49.5	88.2	-38.7	Peak	Vertical
*	7851.0	34.1	15.1	49.2	88.2	-39.0	Peak	Vertical
	8310.0	33.1	14.4	47.5	74.0	-26.5	Peak	Vertical
	9151.5	34.5	15.3	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7179.5	35.3	13.6	48.9	88.2	-39.3	Peak	Horizontal
*	7842.5	33.2	15.1	48.3	88.2	-39.9	Peak	Horizontal
	8174.0	33.5	14.8	48.3	74.0	-25.7	Peak	Horizontal
	9092.0	34.2	14.6	48.8	74.0	-25.2	Peak	Horizontal
*	7179.5	35.4	13.6	49.0	88.2	-39.2	Peak	Vertical
*	7774.5	33.2	14.9	48.1	88.2	-40.1	Peak	Vertical
	8369.5	33.5	14.4	47.9	74.0	-26.1	Peak	Vertical
	9100.5	33.4	14.6	48.0	74.0	-26.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7120.0	35.1	13.4	48.5	88.2	-39.7	Peak	Horizontal
*	7910.5	33.2	15.0	48.2	88.2	-40.0	Peak	Horizontal
	8242.0	34.2	14.5	48.7	74.0	-25.3	Peak	Horizontal
	9049.5	34.8	14.5	49.3	74.0	-24.7	Peak	Horizontal
*	7196.5	36.4	13.6	50.0	88.2	-38.2	Peak	Vertical
*	7842.5	34.3	15.1	49.4	88.2	-38.8	Peak	Vertical
	8310.0	34.2	14.4	48.6	74.0	-25.4	Peak	Vertical
	9058.0	35.2	14.5	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7188.0	37.0	13.6	50.6	88.2	-37.6	Peak	Horizontal
*	7808.5	34.7	15.0	49.7	88.2	-38.5	Peak	Horizontal
	8225.0	34.2	14.5	48.7	74.0	-25.3	Peak	Horizontal
	9338.5	33.9	15.4	49.3	74.0	-24.7	Peak	Horizontal
*	7145.5	35.0	13.5	48.5	88.2	-39.7	Peak	Vertical
*	7953.0	32.9	15.1	48.0	88.2	-40.2	Peak	Vertical
	8480.0	34.4	14.6	49.0	74.0	-25.0	Peak	Vertical
	9338.5	33.4	15.4	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7188.0	36.0	13.6	49.6	88.2	-38.6	Peak	Horizontal
*	7970.0	32.9	15.0	47.9	88.2	-40.3	Peak	Horizontal
	8276.0	34.1	14.3	48.4	74.0	-25.6	Peak	Horizontal
	9304.5	34.9	15.4	50.3	74.0	-23.7	Peak	Horizontal
*	7043.5	34.5	13.1	47.6	88.2	-40.6	Peak	Vertical
*	7808.5	33.4	15.0	48.4	88.2	-39.8	Peak	Vertical
	8216.5	33.9	14.6	48.5	74.0	-25.5	Peak	Vertical
	9321.5	34.7	15.4	50.1	74.0	-23.9	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7128.5	33.7	13.5	47.2	88.2	-41.0	Peak	Horizontal
*	7919.0	33.2	15.1	48.3	88.2	-39.9	Peak	Horizontal
	8174.0	34.0	14.8	48.8	74.0	-25.2	Peak	Horizontal
	9032.5	34.1	14.5	48.6	74.0	-25.4	Peak	Horizontal
*	7188.0	36.1	13.6	49.7	88.2	-38.5	Peak	Vertical
*	7851.0	33.7	15.1	48.8	88.2	-39.4	Peak	Vertical
	8174.0	34.1	14.8	48.9	74.0	-25.1	Peak	Vertical
	9134.5	33.1	15.1	48.2	74.0	-25.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7230.5	35.9	13.8	49.7	88.2	-38.5	Peak	Horizontal
*	7953.0	33.4	15.1	48.5	88.2	-39.7	Peak	Horizontal
	8284.5	34.2	14.3	48.5	74.0	-25.5	Peak	Horizontal
	9389.5	34.4	15.4	49.8	74.0	-24.2	Peak	Horizontal
*	7145.5	35.9	13.5	49.4	88.2	-38.8	Peak	Vertical
*	7842.5	33.6	15.1	48.7	88.2	-39.5	Peak	Vertical
	8318.5	33.9	14.4	48.3	74.0	-25.7	Peak	Vertical
	9100.5	33.8	14.6	48.4	74.0	-25.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7009.5	35.9	12.8	48.7	88.2	-39.5	Peak	Horizontal
*	7808.5	33.8	15.0	48.8	88.2	-39.4	Peak	Horizontal
	8131.5	33.6	15.0	48.6	74.0	-25.4	Peak	Horizontal
	9415.0	33.9	15.5	49.4	74.0	-24.6	Peak	Horizontal
*	7179.5	35.2	13.6	48.8	88.2	-39.4	Peak	Vertical
*	7825.5	33.3	15.1	48.4	88.2	-39.8	Peak	Vertical
	8284.5	33.7	14.3	48.0	74.0	-26.0	Peak	Vertical
	9058.0	34.3	14.5	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7137.0	34.5	13.5	48.0	88.2	-40.2	Peak	Horizontal
*	7842.5	33.5	15.1	48.6	88.2	-39.6	Peak	Horizontal
	8131.5	34.0	15.0	49.0	74.0	-25.0	Peak	Horizontal
	9151.5	35.5	15.3	50.8	74.0	-23.2	Peak	Horizontal
*	7213.5	35.9	13.7	49.6	88.2	-38.6	Peak	Vertical
*	7851.0	33.5	15.1	48.6	88.2	-39.6	Peak	Vertical
	8174.0	34.6	14.8	49.4	74.0	-24.6	Peak	Vertical
	9041.0	36.4	14.5	50.9	74.0	-23.1	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7128.5	34.9	13.5	48.4	88.2	-39.8	Peak	Horizontal
*	7851.0	33.3	15.1	48.4	88.2	-39.8	Peak	Horizontal
	9049.5	33.7	14.5	48.2	74.0	-25.8	Peak	Horizontal
	9449.0	34.4	15.5	49.9	74.0	-24.1	Peak	Horizontal
*	7171.0	34.3	13.6	47.9	88.2	-40.3	Peak	Vertical
*	7808.5	33.9	15.0	48.9	88.2	-39.3	Peak	Vertical
	8199.5	34.0	14.6	48.6	74.0	-25.4	Peak	Vertical
	9304.5	35.0	15.4	50.4	74.0	-23.6	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7196.5	36.7	13.6	50.3	88.2	-37.9	Peak	Horizontal
*	7885.0	34.0	15.0	49.0	88.2	-39.2	Peak	Horizontal
	8412.0	34.1	14.5	48.6	74.0	-25.4	Peak	Horizontal
	9109.0	34.8	14.7	49.5	74.0	-24.5	Peak	Horizontal
*	7179.5	35.0	13.6	48.6	88.2	-39.6	Peak	Vertical
*	7842.5	34.2	15.1	49.3	88.2	-38.9	Peak	Vertical
	8165.5	34.2	14.8	49.0	74.0	-25.0	Peak	Vertical
	9092.0	35.0	14.6	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7222.0	36.2	13.7	49.9	88.2	-38.3	Peak	Horizontal
*	7902.0	33.4	15.0	48.4	88.2	-39.8	Peak	Horizontal
	8250.5	33.1	14.4	47.5	74.0	-26.5	Peak	Horizontal
	9134.5	33.8	15.1	48.9	74.0	-25.1	Peak	Horizontal
*	7222.0	35.8	13.7	49.5	88.2	-38.7	Peak	Vertical
*	7842.5	33.7	15.1	48.8	88.2	-39.4	Peak	Vertical
	8463.0	32.9	14.5	47.4	74.0	-26.6	Peak	Vertical
	9134.5	33.6	15.1	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7077.5	35.4	13.2	48.6	88.2	-39.6	Peak	Horizontal
*	7953.0	32.7	15.1	47.8	88.2	-40.4	Peak	Horizontal
	8463.0	33.6	14.5	48.1	74.0	-25.9	Peak	Horizontal
	9015.5	34.8	14.5	49.3	74.0	-24.7	Peak	Horizontal
*	7086.0	35.6	13.3	48.9	88.2	-39.3	Peak	Vertical
*	7910.5	33.3	15.0	48.3	88.2	-39.9	Peak	Vertical
	8199.5	33.8	14.6	48.4	74.0	-25.6	Peak	Vertical
	9160.0	35.9	15.3	51.2	74.0	-22.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7188.0	35.6	13.6	49.2	88.2	-39.0	Peak	Horizontal
*	7774.5	33.7	14.9	48.6	88.2	-39.6	Peak	Horizontal
	8293.0	33.8	14.3	48.1	74.0	-25.9	Peak	Horizontal
	9185.5	34.2	15.3	49.5	74.0	-24.5	Peak	Horizontal
*	7196.5	36.3	13.6	49.9	88.2	-38.3	Peak	Vertical
*	7834.0	33.2	15.1	48.3	88.2	-39.9	Peak	Vertical
	8208.0	33.9	14.6	48.5	74.0	-25.5	Peak	Vertical
	9381.0	33.4	15.3	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7188.0	36.5	13.6	50.1	88.2	-38.1	Peak	Horizontal
*	7876.5	33.1	15.0	48.1	88.2	-40.1	Peak	Horizontal
	8361.0	32.8	14.4	47.2	74.0	-26.8	Peak	Horizontal
	9134.5	33.5	15.1	48.6	74.0	-25.4	Peak	Horizontal
*	7145.5	35.3	13.5	48.8	88.2	-39.4	Peak	Vertical
*	7893.5	33.3	15.0	48.3	88.2	-39.9	Peak	Vertical
	8250.5	34.2	14.4	48.6	74.0	-25.4	Peak	Vertical
	9355.5	34.3	15.4	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7009.5	35.2	12.8	48.0	88.2	-40.2	Peak	Horizontal
*	7851.0	33.3	15.1	48.4	88.2	-39.8	Peak	Horizontal
	8199.5	33.2	14.6	47.8	74.0	-26.2	Peak	Horizontal
	9058.0	34.2	14.5	48.7	74.0	-25.3	Peak	Horizontal
*	7137.0	34.2	13.5	47.7	88.2	-40.5	Peak	Vertical
*	7808.5	33.8	15.0	48.8	88.2	-39.4	Peak	Vertical
	8148.5	33.4	14.9	48.3	74.0	-25.7	Peak	Vertical
	9304.5	34.4	15.4	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7188.0	36.2	13.6	49.8	88.2	-38.4	Peak	Horizontal
*	7927.5	33.5	15.1	48.6	88.2	-39.6	Peak	Horizontal
	8089.0	33.2	15.1	48.3	74.0	-25.7	Peak	Horizontal
	9092.0	33.6	14.6	48.2	74.0	-25.8	Peak	Horizontal
*	7128.5	34.5	13.5	48.0	88.2	-40.2	Peak	Vertical
*	7876.5	34.1	15.0	49.1	88.2	-39.1	Peak	Vertical
	8386.5	34.5	14.4	48.9	74.0	-25.1	Peak	Vertical
	9126.0	34.5	15.0	49.5	74.0	-24.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7120.0	34.9	13.4	48.3	88.2	-39.9	Peak	Horizontal
*	7987.0	32.9	15.0	47.9	88.2	-40.3	Peak	Horizontal
	8327.0	33.9	14.5	48.4	74.0	-25.6	Peak	Horizontal
	9092.0	33.6	14.6	48.2	74.0	-25.8	Peak	Horizontal
*	7239.0	35.3	13.8	49.1	88.2	-39.1	Peak	Vertical
*	7902.0	32.8	15.0	47.8	88.2	-40.4	Peak	Vertical
	8454.5	32.8	14.5	47.3	74.0	-26.7	Peak	Vertical
	9092.0	34.2	14.6	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7035.0	35.1	13.0	48.1	88.2	-40.1	Peak	Horizontal
*	7774.5	34.4	14.9	49.3	88.2	-38.9	Peak	Horizontal
	8233.5	34.8	14.5	49.3	74.0	-24.7	Peak	Horizontal
	9474.5	34.5	15.4	49.9	74.0	-24.1	Peak	Horizontal
*	7222.0	35.9	13.7	49.6	88.2	-38.6	Peak	Vertical
*	7978.5	32.5	15.0	47.5	88.2	-40.7	Peak	Vertical
	8250.5	33.4	14.4	47.8	74.0	-26.2	Peak	Vertical
	9423.5	33.4	15.5	48.9	74.0	-25.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7205.0	34.7	13.6	48.3	88.2	-39.9	Peak	Horizontal
*	7876.5	33.4	15.0	48.4	88.2	-39.8	Peak	Horizontal
	8429.0	34.1	14.6	48.7	74.0	-25.3	Peak	Horizontal
	9364.0	33.1	15.3	48.4	74.0	-25.6	Peak	Horizontal
*	7171.0	34.2	13.6	47.8	88.2	-40.4	Peak	Vertical
*	7774.5	34.2	14.9	49.1	88.2	-39.1	Peak	Vertical
	8233.5	33.9	14.5	48.4	74.0	-25.6	Peak	Vertical
	9015.5	34.2	14.5	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7222.0	36.4	13.7	50.1	88.2	-38.1	Peak	Horizontal
*	7910.5	33.4	15.0	48.4	88.2	-39.8	Peak	Horizontal
	8284.5	34.2	14.3	48.5	74.0	-25.5	Peak	Horizontal
	9092.0	34.3	14.6	48.9	74.0	-25.1	Peak	Horizontal
*	7145.5	35.0	13.5	48.5	88.2	-39.7	Peak	Vertical
*	7987.0	32.9	15.0	47.9	88.2	-40.3	Peak	Vertical
	9109.0	35.2	14.7	49.9	74.0	-24.1	Peak	Vertical
	9338.5	34.2	15.4	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7247.5	35.6	13.8	49.4	88.2	-38.8	Peak	Horizontal
*	7774.5	33.8	14.9	48.7	88.2	-39.5	Peak	Horizontal
	8242.0	33.9	14.5	48.4	74.0	-25.6	Peak	Horizontal
	9066.5	34.2	14.5	48.7	74.0	-25.3	Peak	Horizontal
*	7137.0	33.4	13.5	46.9	88.2	-41.3	Peak	Vertical
*	8021.0	32.4	15.1	47.5	88.2	-40.7	Peak	Vertical
	8361.0	33.0	14.4	47.4	74.0	-26.6	Peak	Vertical
	9041.0	33.8	14.5	48.3	74.0	-25.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7154.0	34.6	13.6	48.2	88.2	-40.0	Peak	Horizontal
*	7893.5	33.3	15.0	48.3	88.2	-39.9	Peak	Horizontal
	8386.5	34.0	14.4	48.4	74.0	-25.6	Peak	Horizontal
	9177.0	34.5	15.3	49.8	74.0	-24.2	Peak	Horizontal
*	7009.5	33.9	12.8	46.7	88.2	-41.5	Peak	Vertical
*	7953.0	32.7	15.1	47.8	88.2	-40.4	Peak	Vertical
	8233.5	33.6	14.5	48.1	74.0	-25.9	Peak	Vertical
	9134.5	33.8	15.1	48.9	74.0	-25.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7137.0	35.4	13.5	48.9	88.2	-39.3	Peak	Horizontal
*	7876.5	32.9	15.0	47.9	88.2	-40.3	Peak	Horizontal
	8242.0	33.1	14.5	47.6	74.0	-26.4	Peak	Horizontal
	9185.5	33.9	15.3	49.2	74.0	-24.8	Peak	Horizontal
*	7145.5	35.1	13.5	48.6	88.2	-39.6	Peak	Vertical
*	8021.0	32.8	15.1	47.9	88.2	-40.3	Peak	Vertical
	8386.5	33.3	14.4	47.7	74.0	-26.3	Peak	Vertical
	9049.5	34.2	14.5	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7205.0	34.8	13.6	48.4	88.2	-39.8	Peak	Horizontal
*	7868.0	33.3	15.0	48.3	88.2	-39.9	Peak	Horizontal
	8429.0	33.4	14.6	48.0	74.0	-26.0	Peak	Horizontal
	9381.0	34.7	15.3	50.0	74.0	-24.0	Peak	Horizontal
*	7188.0	35.5	13.6	49.1	88.2	-39.1	Peak	Vertical
*	7859.5	33.6	15.1	48.7	88.2	-39.5	Peak	Vertical
	8378.0	33.9	14.4	48.3	74.0	-25.7	Peak	Vertical
	9177.0	35.2	15.3	50.5	74.0	-23.5	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7171.0	34.4	13.6	48.0	88.2	-40.2	Peak	Horizontal
*	7842.5	33.8	15.1	48.9	88.2	-39.3	Peak	Horizontal
	8140.0	34.1	15.0	49.1	74.0	-24.9	Peak	Horizontal
	9406.5	33.8	15.4	49.2	74.0	-24.8	Peak	Horizontal
*	7052.0	34.2	13.1	47.3	88.2	-40.9	Peak	Vertical
*	7885.0	33.4	15.0	48.4	88.2	-39.8	Peak	Vertical
	8259.0	33.5	14.4	47.9	74.0	-26.1	Peak	Vertical
	9151.5	35.1	15.3	50.4	74.0	-23.6	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7094.5	35.2	13.3	48.5	88.2	-39.7	Peak	Horizontal
*	7774.5	34.4	14.9	49.3	88.2	-38.9	Peak	Horizontal
	8250.5	34.8	14.4	49.2	74.0	-24.8	Peak	Horizontal
	9109.0	35.9	14.7	50.6	74.0	-23.4	Peak	Horizontal
*	7205.0	36.1	13.6	49.7	88.2	-38.5	Peak	Vertical
*	7766.0	34.6	14.8	49.4	88.2	-38.8	Peak	Vertical
	8259.0	33.5	14.4	47.9	74.0	-26.1	Peak	Vertical
	9092.0	34.7	14.6	49.3	74.0	-24.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7145.5	35.6	13.5	49.1	88.2	-39.1	Peak	Horizontal
*	7808.5	33.8	15.0	48.8	88.2	-39.4	Peak	Horizontal
	8335.5	33.4	14.5	47.9	74.0	-26.1	Peak	Horizontal
	9049.5	36.2	14.5	50.7	74.0	-23.3	Peak	Horizontal
*	7179.5	35.3	13.6	48.9	88.2	-39.3	Peak	Vertical
*	7995.5	33.5	15.0	48.5	88.2	-39.7	Peak	Vertical
	8310.0	33.3	14.4	47.7	74.0	-26.3	Peak	Vertical
	9177.0	34.5	15.3	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7188.0	35.4	13.6	49.0	88.2	-39.2	Peak	Horizontal
*	7910.5	33.4	15.0	48.4	88.2	-39.8	Peak	Horizontal
	8310.0	34.0	14.4	48.4	74.0	-25.6	Peak	Horizontal
	9143.0	34.3	15.2	49.5	74.0	-24.5	Peak	Horizontal
*	7077.5	34.0	13.2	47.2	88.2	-41.0	Peak	Vertical
*	7800.0	33.8	15.0	48.8	88.2	-39.4	Peak	Vertical
	8123.0	33.3	15.0	48.3	74.0	-25.7	Peak	Vertical
	9092.0	34.4	14.6	49.0	74.0	-25.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7145.5	36.0	13.5	49.5	88.2	-38.7	Peak	Horizontal
*	7766.0	34.2	14.8	49.0	88.2	-39.2	Peak	Horizontal
	8165.5	33.4	14.8	48.2	74.0	-25.8	Peak	Horizontal
	9185.5	35.1	15.3	50.4	74.0	-23.6	Peak	Horizontal
*	7230.5	35.8	13.8	49.6	88.2	-38.6	Peak	Vertical
*	7851.0	34.1	15.1	49.2	88.2	-39.0	Peak	Vertical
	8480.0	33.9	14.6	48.5	74.0	-25.5	Peak	Vertical
	9083.5	34.9	14.6	49.5	74.0	-24.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7188.0	36.0	13.6	49.6	88.2	-38.6	Peak	Horizontal
*	7876.5	34.0	15.0	49.0	88.2	-39.2	Peak	Horizontal
	8386.5	33.8	14.4	48.2	74.0	-25.8	Peak	Horizontal
	9143.0	34.0	15.2	49.2	74.0	-24.8	Peak	Horizontal
*	7154.0	34.8	13.6	48.4	88.2	-39.8	Peak	Vertical
*	7944.5	33.9	15.1	49.0	88.2	-39.2	Peak	Vertical
	8378.0	34.2	14.4	48.6	74.0	-25.4	Peak	Vertical
	9151.5	35.0	15.3	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7230.5	36.5	13.8	50.3	88.2	-37.9	Peak	Horizontal
*	7766.0	34.3	14.8	49.1	88.2	-39.1	Peak	Horizontal
	8267.5	34.6	14.4	49.0	74.0	-25.0	Peak	Horizontal
	9151.5	34.6	15.3	49.9	74.0	-24.1	Peak	Horizontal
*	7077.5	34.4	13.2	47.6	88.2	-40.6	Peak	Vertical
*	7995.5	33.8	15.0	48.8	88.2	-39.4	Peak	Vertical
	8276.0	34.0	14.3	48.3	74.0	-25.7	Peak	Vertical
	9092.0	35.1	14.6	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7171.0	35.7	13.6	49.3	88.2	-38.9	Peak	Horizontal
*	7910.5	33.3	15.0	48.3	88.2	-39.9	Peak	Horizontal
	8199.5	35.9	14.6	50.5	74.0	-23.5	Peak	Horizontal
	9134.5	33.5	15.1	48.6	74.0	-25.4	Peak	Horizontal
*	7222.0	36.7	13.7	50.4	88.2	-37.8	Peak	Vertical
*	7902.0	34.2	15.0	49.2	88.2	-39.0	Peak	Vertical
	8199.5	33.7	14.6	48.3	74.0	-25.7	Peak	Vertical
	9024.0	35.1	14.5	49.6	74.0	-24.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7222.0	36.7	13.7	50.4	88.2	-37.8	Peak	Horizontal
*	7757.5	34.3	14.8	49.1	88.2	-39.1	Peak	Horizontal
	8080.5	35.1	15.2	50.3	74.0	-23.7	Peak	Horizontal
	9423.5	34.6	15.5	50.1	74.0	-23.9	Peak	Horizontal
*	7111.5	34.6	13.4	48.0	88.2	-40.2	Peak	Vertical
*	7936.0	34.9	15.1	50.0	88.2	-38.2	Peak	Vertical
	8208.0	34.3	14.6	48.9	74.0	-25.1	Peak	Vertical
	9032.5	34.2	14.5	48.7	74.0	-25.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7145.5	35.3	13.5	48.8	88.2	-39.4	Peak	Horizontal
*	7842.5	33.7	15.1	48.8	88.2	-39.4	Peak	Horizontal
	8369.5	34.0	14.4	48.4	74.0	-25.6	Peak	Horizontal
	9423.5	33.9	15.5	49.4	74.0	-24.6	Peak	Horizontal
*	7196.5	35.7	13.6	49.3	88.2	-38.9	Peak	Vertical
*	7808.5	33.8	15.0	48.8	88.2	-39.4	Peak	Vertical
	8131.5	34.7	15.0	49.7	74.0	-24.3	Peak	Vertical
	9160.0	35.0	15.3	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7111.5	35.6	13.4	49.0	88.2	-39.2	Peak	Horizontal
*	7808.5	34.0	15.0	49.0	88.2	-39.2	Peak	Horizontal
	8089.0	34.0	15.1	49.1	74.0	-24.9	Peak	Horizontal
	9134.5	34.0	15.1	49.1	74.0	-24.9	Peak	Horizontal
*	7111.5	35.2	13.4	48.6	88.2	-39.6	Peak	Vertical
*	7893.5	34.6	15.0	49.6	88.2	-38.6	Peak	Vertical
	8429.0	33.7	14.6	48.3	74.0	-25.7	Peak	Vertical
	9151.5	35.2	15.3	50.5	74.0	-23.5	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 of 68.2dBμV/m.

Note 2: Measure 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
*	7137.0	34.8	13.5	48.3	88.2	-39.9	Peak	Horizontal
*	7842.5	34.6	15.1	49.7	88.2	-38.5	Peak	Horizontal
	8080.5	34.3	15.2	49.5	74.0	-24.5	Peak	Horizontal
	8250.5	34.6	14.4	49.0	74.0	-25.0	Peak	Horizontal
*	7188.0	35.7	13.6	49.3	88.2	-38.9	Peak	Vertical
*	7987.0	33.4	15.0	48.4	88.2	-39.8	Peak	Vertical
	8276.0	33.3	14.3	47.6	74.0	-26.4	Peak	Vertical
	9491.5	34.1	15.4	49.5	74.0	-24.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7222.0	36.9	13.7	50.6	88.2	-37.6	Peak	Horizontal
*	7757.5	33.7	14.8	48.5	88.2	-39.7	Peak	Horizontal
	8403.5	33.8	14.5	48.3	74.0	-25.7	Peak	Horizontal
	9066.5	34.5	14.5	49.0	74.0	-25.0	Peak	Horizontal
*	7188.0	35.2	13.6	48.8	88.2	-39.4	Peak	Vertical
*	7953.0	34.3	15.1	49.4	88.2	-38.8	Peak	Vertical
	8318.5	34.4	14.4	48.8	74.0	-25.2	Peak	Vertical
	9134.5	33.7	15.1	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7196.5	35.9	13.6	49.5	88.2	-38.7	Peak	Horizontal
*	7774.5	33.8	14.9	48.7	88.2	-39.5	Peak	Horizontal
	8480.0	33.9	14.6	48.5	74.0	-25.5	Peak	Horizontal
	9185.5	34.6	15.3	49.9	74.0	-24.1	Peak	Horizontal
*	7205.0	36.5	13.6	50.1	88.2	-38.1	Peak	Vertical
*	7808.5	33.3	15.0	48.3	88.2	-39.9	Peak	Vertical
	8182.5	35.4	14.7	50.1	74.0	-23.9	Peak	Vertical
	9100.5	34.5	14.6	49.1	74.0	-24.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

Note 2: Measure 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
*	7137.0	35.2	13.5	48.7	88.2	-39.5	Peak	Horizontal
*	7876.5	33.1	15.0	48.1	88.2	-40.1	Peak	Horizontal
	8386.5	34.3	14.4	48.7	74.0	-25.3	Peak	Horizontal
	9177.0	35.1	15.3	50.4	74.0	-23.6	Peak	Horizontal
*	7137.0	34.5	13.5	48.0	88.2	-40.2	Peak	Vertical
*	7800.0	33.4	15.0	48.4	88.2	-39.8	Peak	Vertical
	8259.0	33.6	14.4	48.0	74.0	-26.0	Peak	Vertical
	9151.5	35.0	15.3	50.3	74.0	-23.7	Peak	Vertical

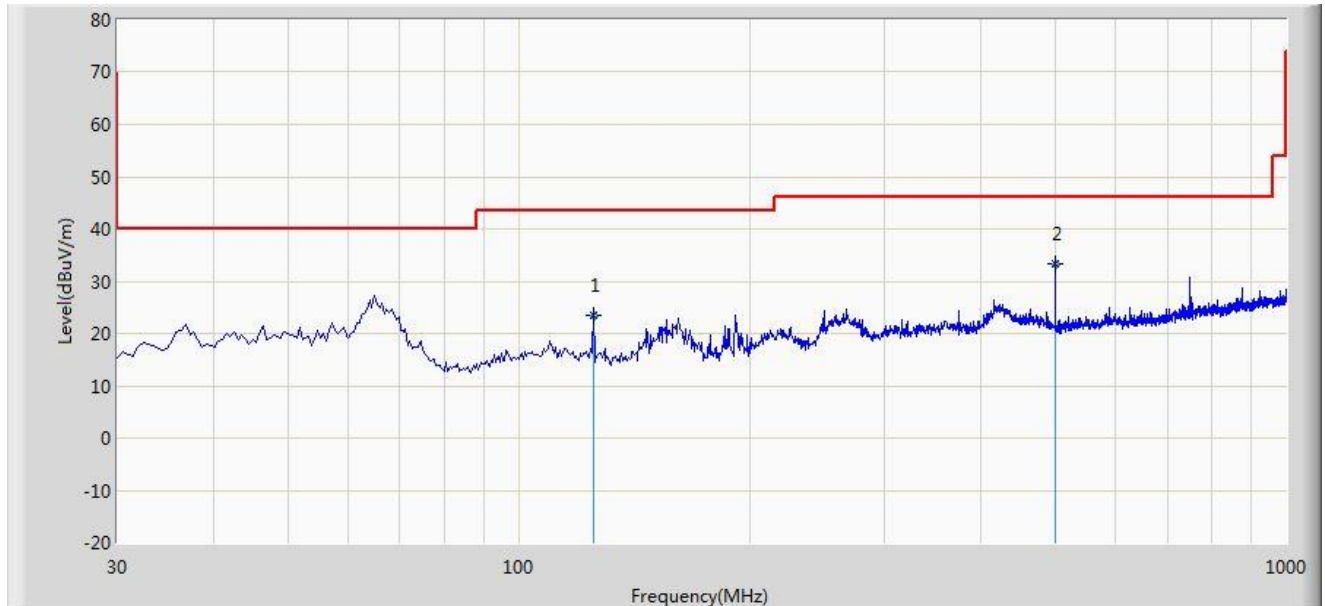
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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: 2014/09/22 - 15:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5220MHz	

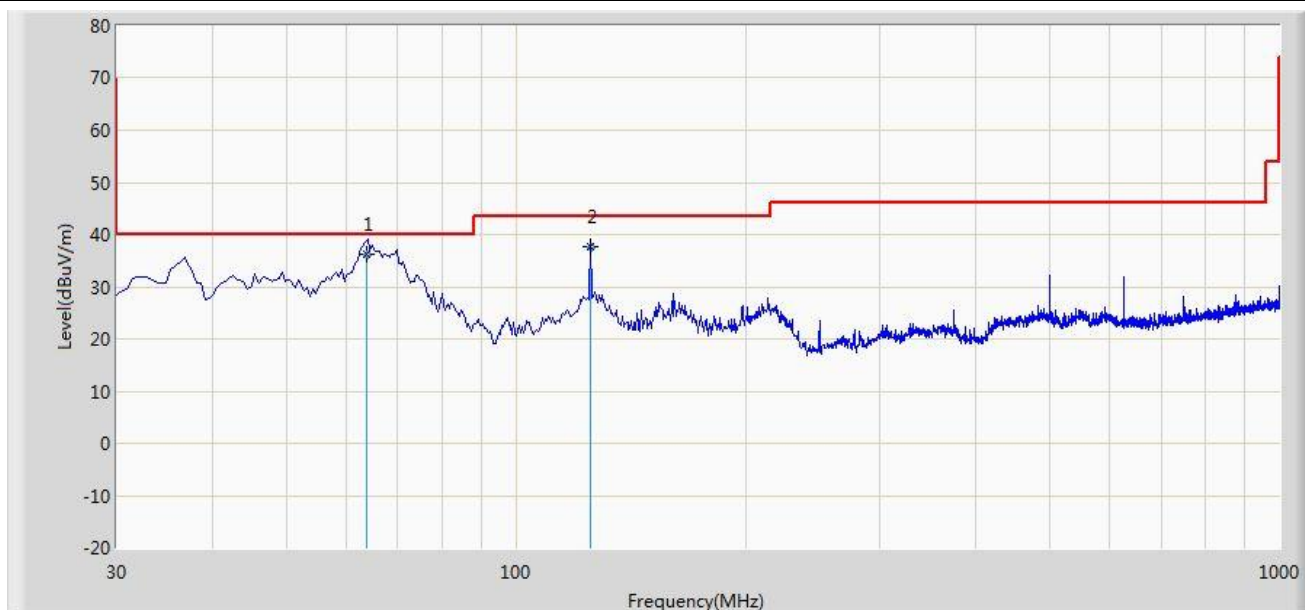


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			125.001	23.477	11.925	-20.023	43.500	11.552	QP
2		*	499.985	33.399	15.060	-12.601	46.000	18.339	QP

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: 2014/09/22 - 15:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5220MHz	

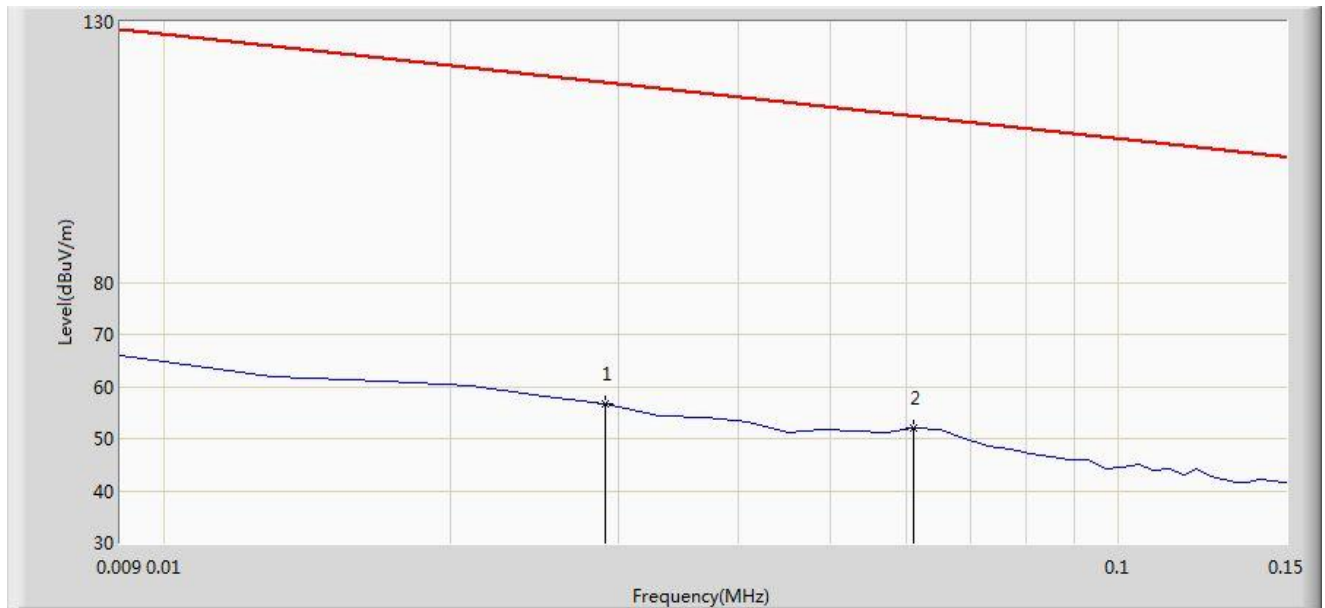


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	63.897	36.331	22.140	-3.669	40.000	14.191	QP
2			125.040	37.566	26.020	-5.934	43.500	11.546	QP

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

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

Engineer: Roy Cheng	
Site: AC1	Time: 2014/09/20 - 19:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

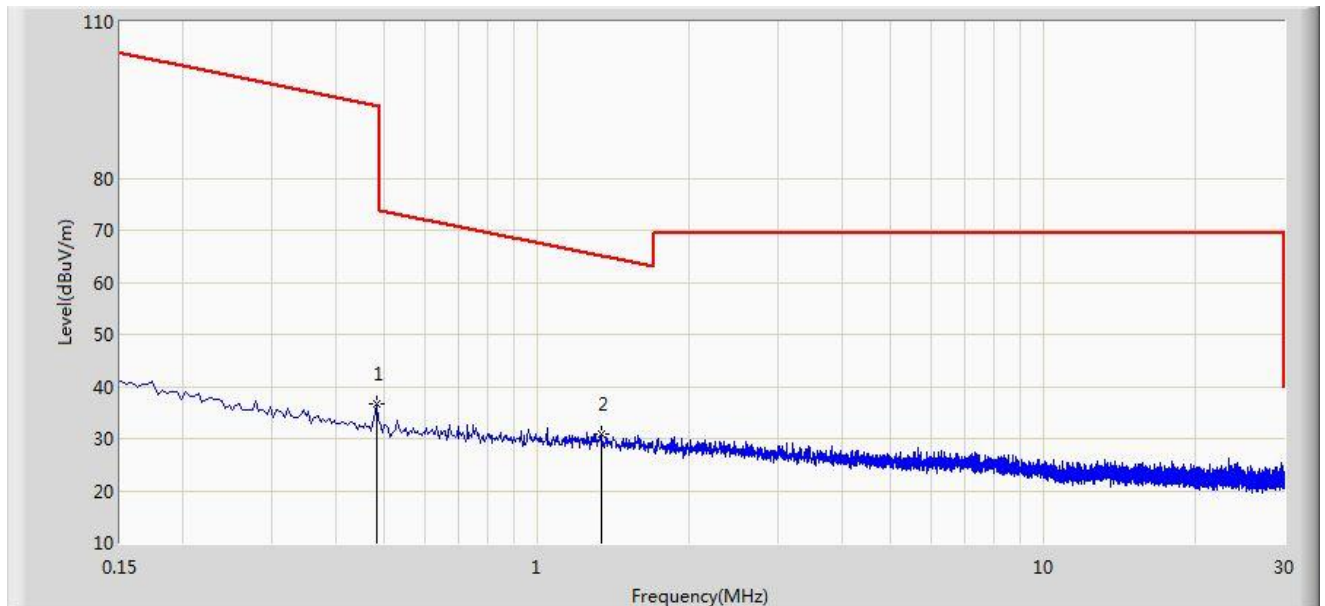


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.610	35.660	-61.732	118.342	21.049	QP
2		*	0.061	51.899	31.588	-59.988	111.887	20.311	QP

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

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

Engineer: Roy Cheng	
Site: AC1	Time: 2014/09/20 - 19:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

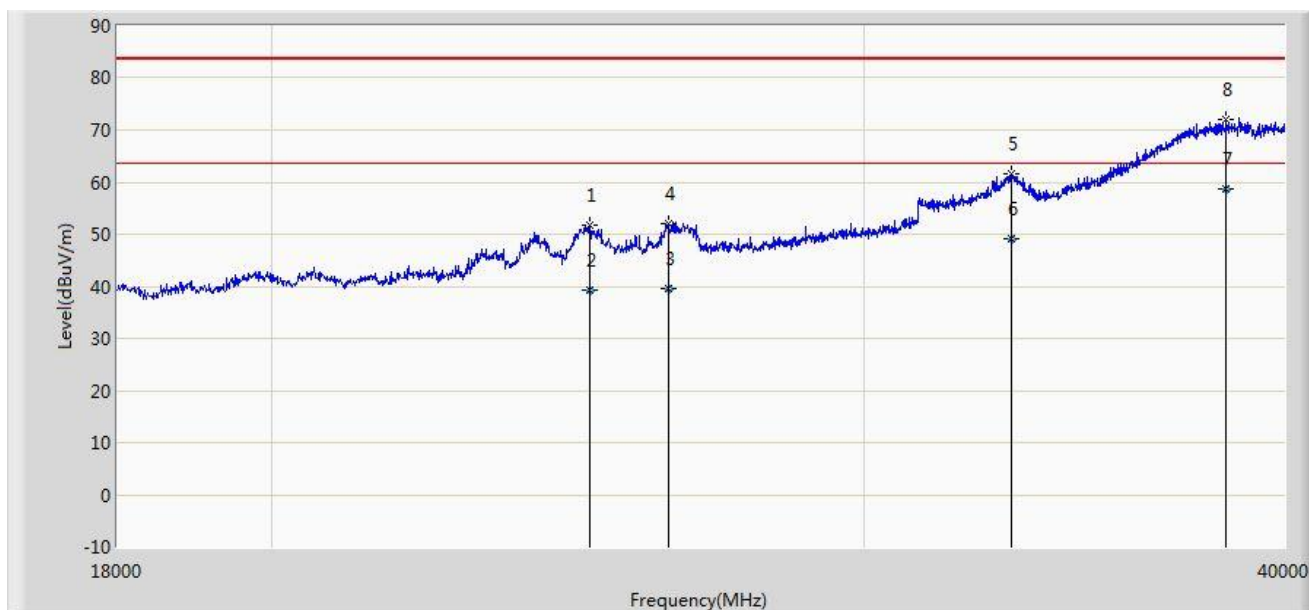


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.482	36.584	16.183	-57.359	93.943	20.401	QP
2		*	1.338	31.001	10.512	-34.098	65.099	20.489	QP

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

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

Engineer: Roy Cheng	
Site: AC1	Time: 2014/09/20 - 21:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	

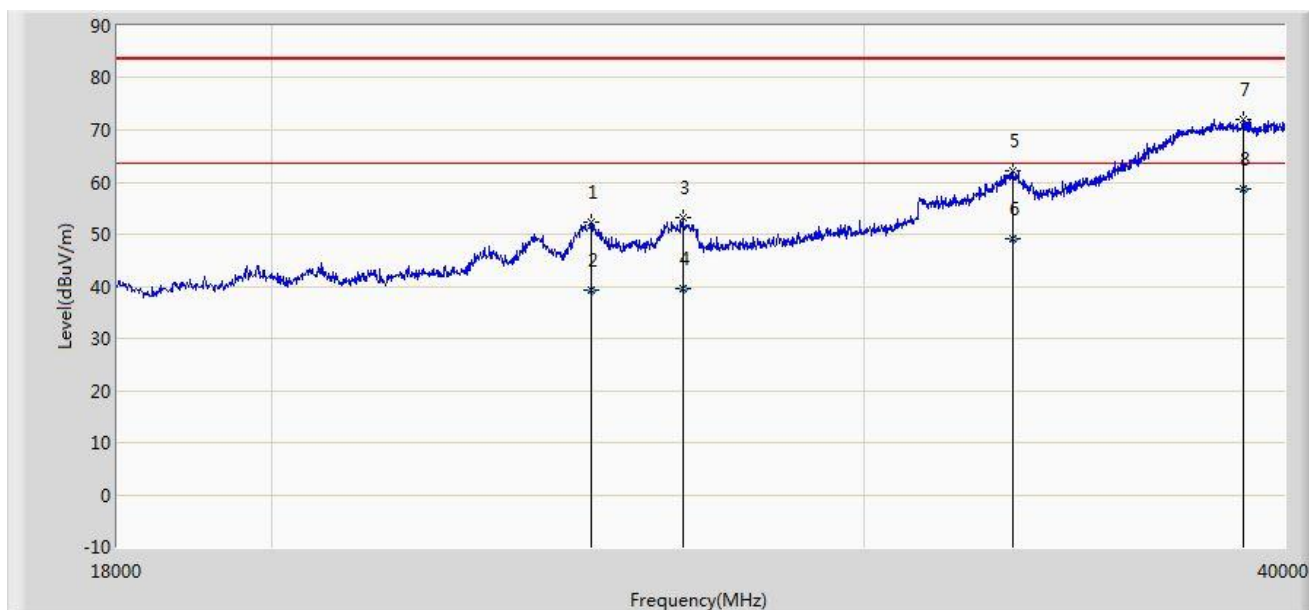


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24864.000	51.836	37.061	-31.664	83.500	14.775	PK
2			24864.088	39.225	24.450	-24.275	63.500	14.775	AV
3			26260.988	39.469	24.050	-24.031	63.500	15.419	AV
4			26261.000	51.956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

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

Engineer: Roy Cheng	
Site: AC1	Time: 2014/09/20 - 21:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: Unified Wired-WLAN Walljack	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 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

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

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBuV/m)
5150 - 5350	-27	68.2
5470 - 5725	-27	68.2
5725 - 5850	-17	78.2
	-27	68.2

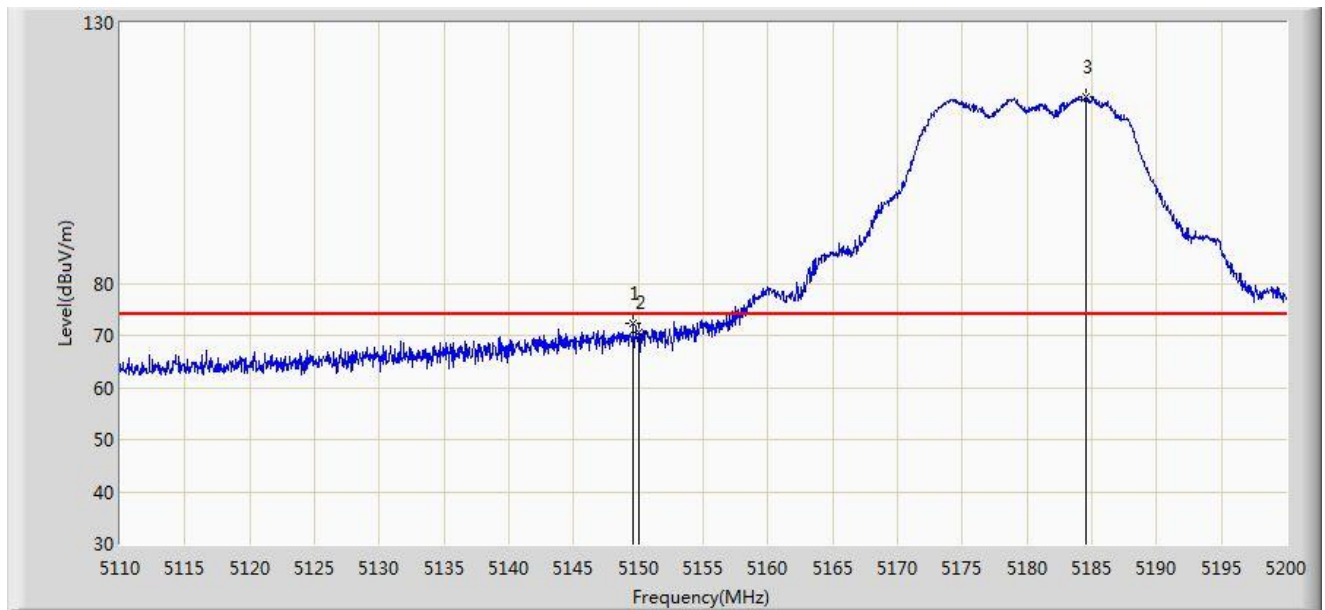
Note: Refer to KDB 789033 D02v01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the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

Engineer: Milo Li	
Site: AC1	Time: 2014/09/18 - 19:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5180MHz	

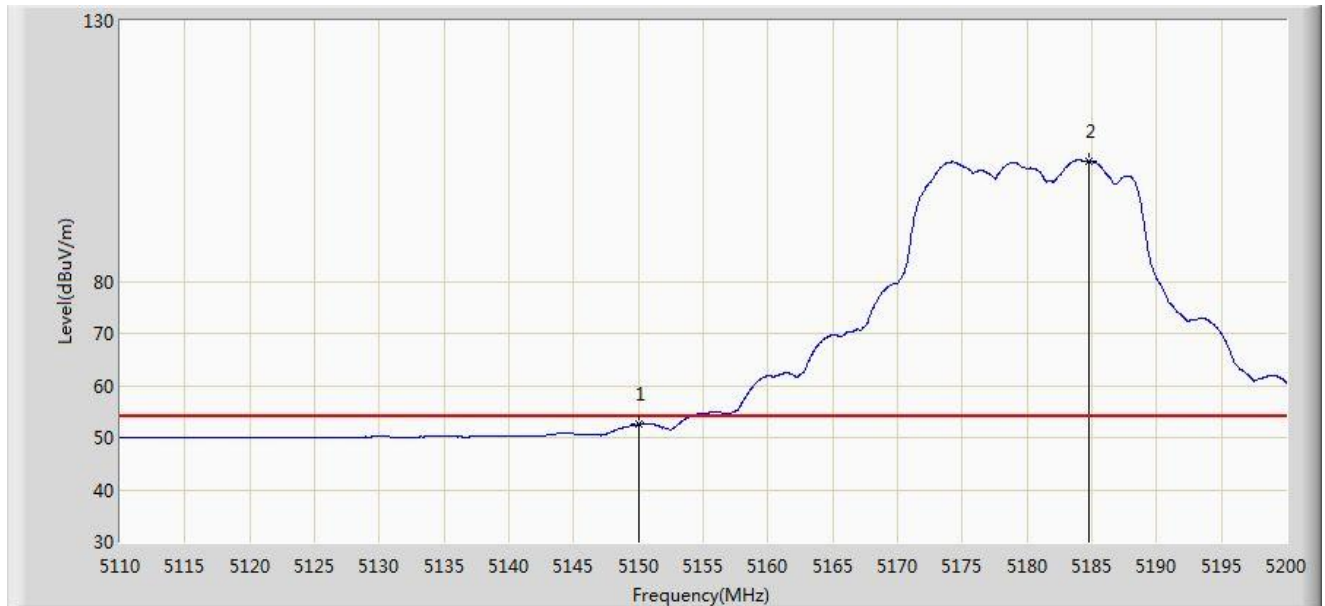


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.600	72.407	35.654	-1.593	74.000	36.752	PK
2			5150.000	70.497	33.745	-3.503	74.000	36.752	PK
3		*	5184.565	115.814	79.162	N/A	N/A	36.652	PK

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

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

Engineer: Milo Li	
Site: AC1	Time: 2014/09/18 - 19:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5180MHz	

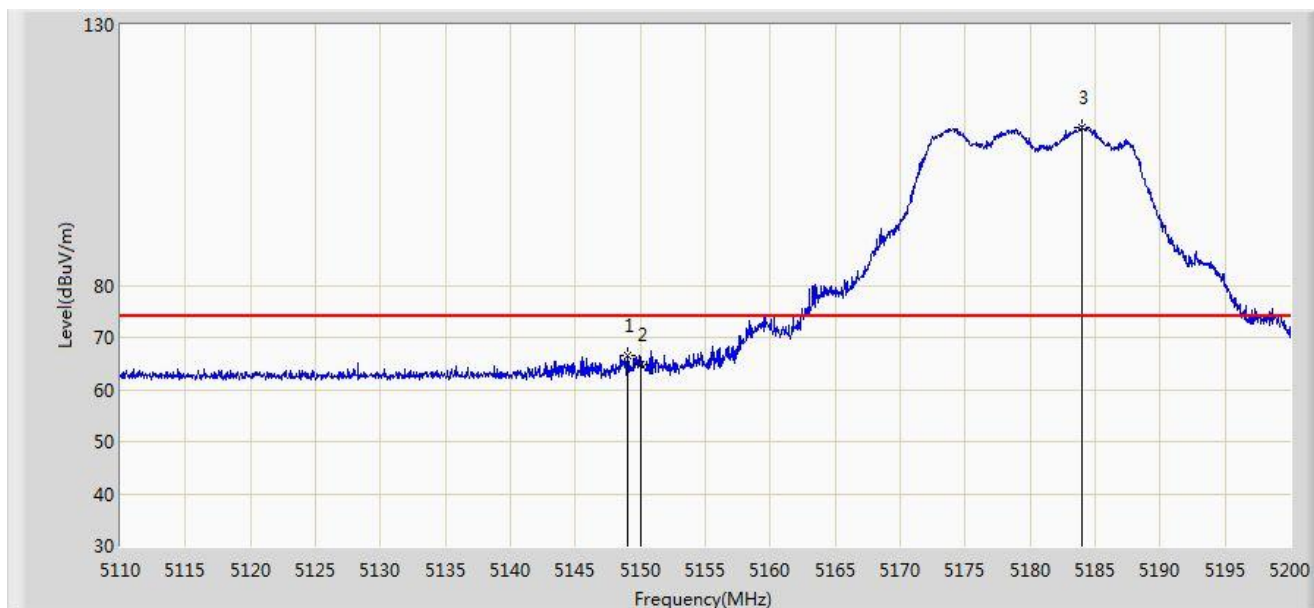


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.554	15.802	-1.446	54.000	36.752	AV
2		*	5184.745	103.139	66.487	N/A	N/A	36.652	AV

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

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

Engineer: Milo Li	
Site: AC1	Time: 2014/09/18 - 19:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5180MHz	

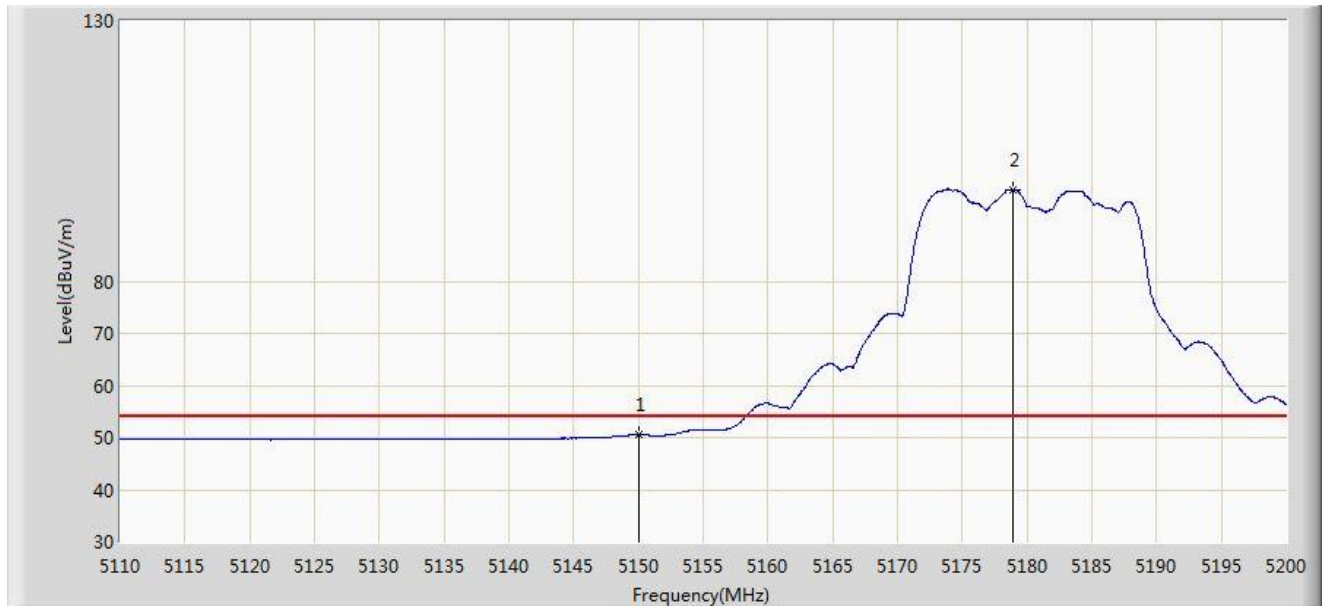


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.970	66.651	29.897	-7.349	74.000	36.753	PK
2			5150.000	64.784	28.032	-9.216	74.000	36.752	PK
3		*	5183.980	110.406	73.752	N/A	N/A	36.653	PK

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

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

Engineer: Milo Li	
Site: AC1	Time: 2014/09/18 - 19:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5180MHz	

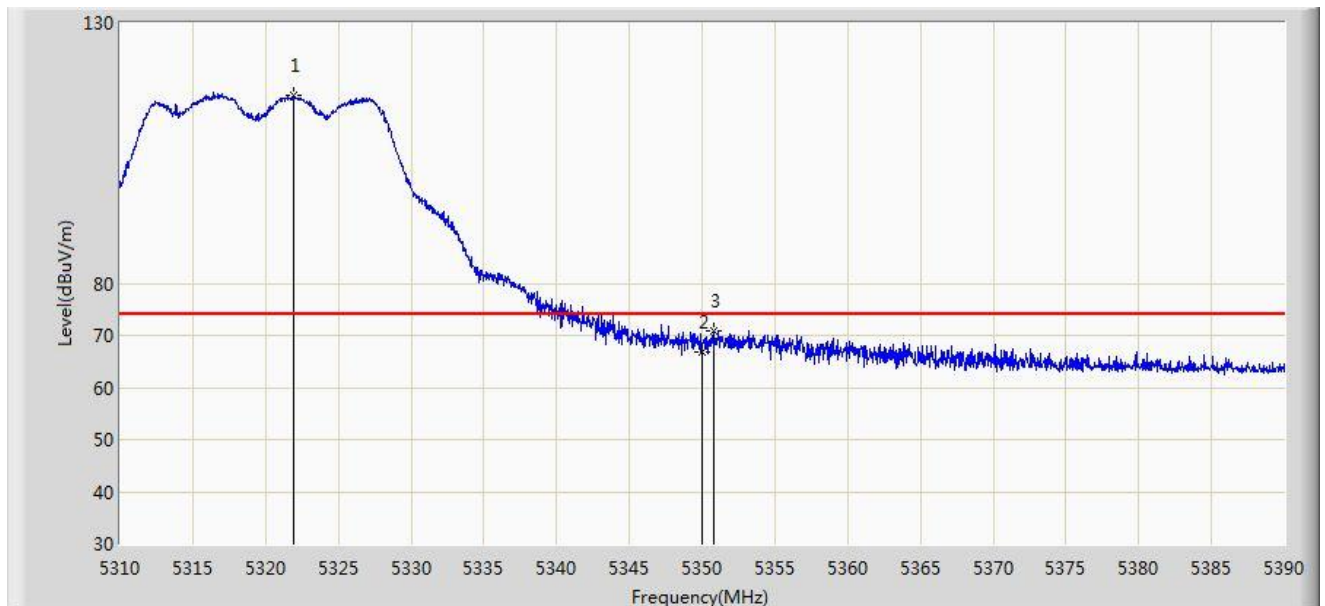


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.520	13.768	-3.480	54.000	36.752	AV
2		*	5178.940	97.642	60.973	N/A	N/A	36.669	AV

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: 2014/09/18 - 19:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5320MHz	

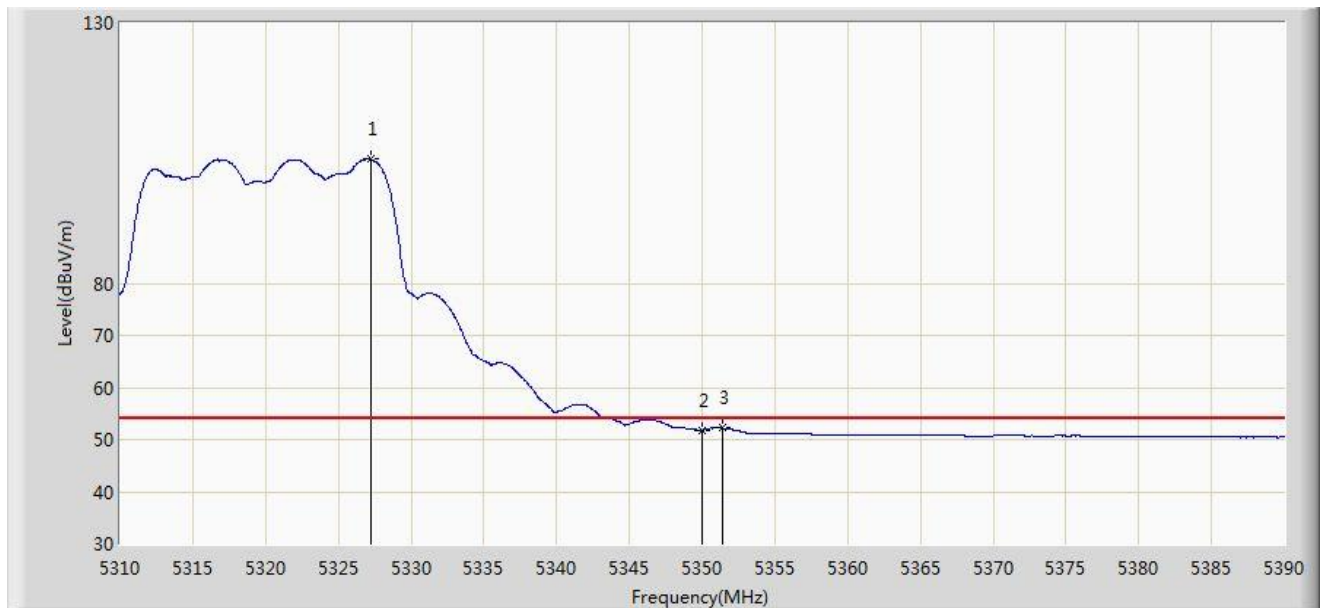


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.920	115.955	79.479	N/A	N/A	36.476	PK
2			5350.000	66.936	30.400	-7.064	74.000	36.536	PK
3			5350.840	70.733	34.195	-3.267	74.000	36.539	PK

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

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

Engineer: Milo Li	
Site: AC1	Time: 2014/09/18 - 19:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5320MHz	

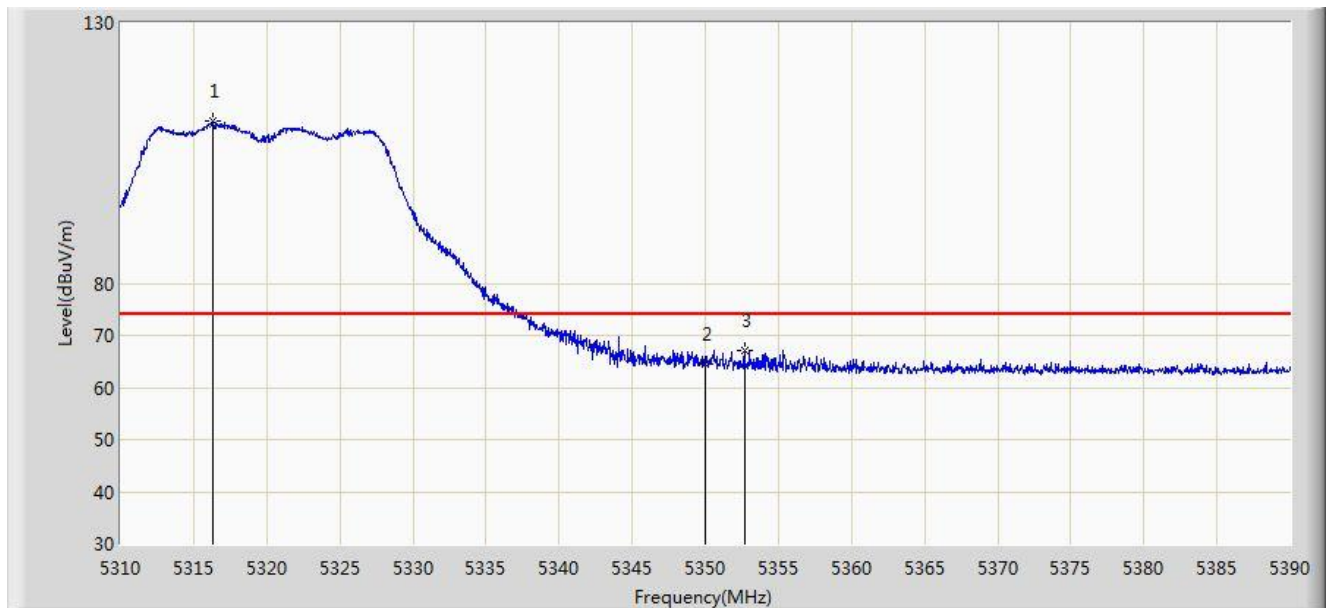


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5327.240	103.803	67.315	N/A	N/A	36.488	AV
2			5350.000	51.770	15.234	-2.230	54.000	36.536	AV
3			5351.400	52.208	15.669	-1.792	54.000	36.540	AV

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: 2014/09/18 - 19:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5320MHz	

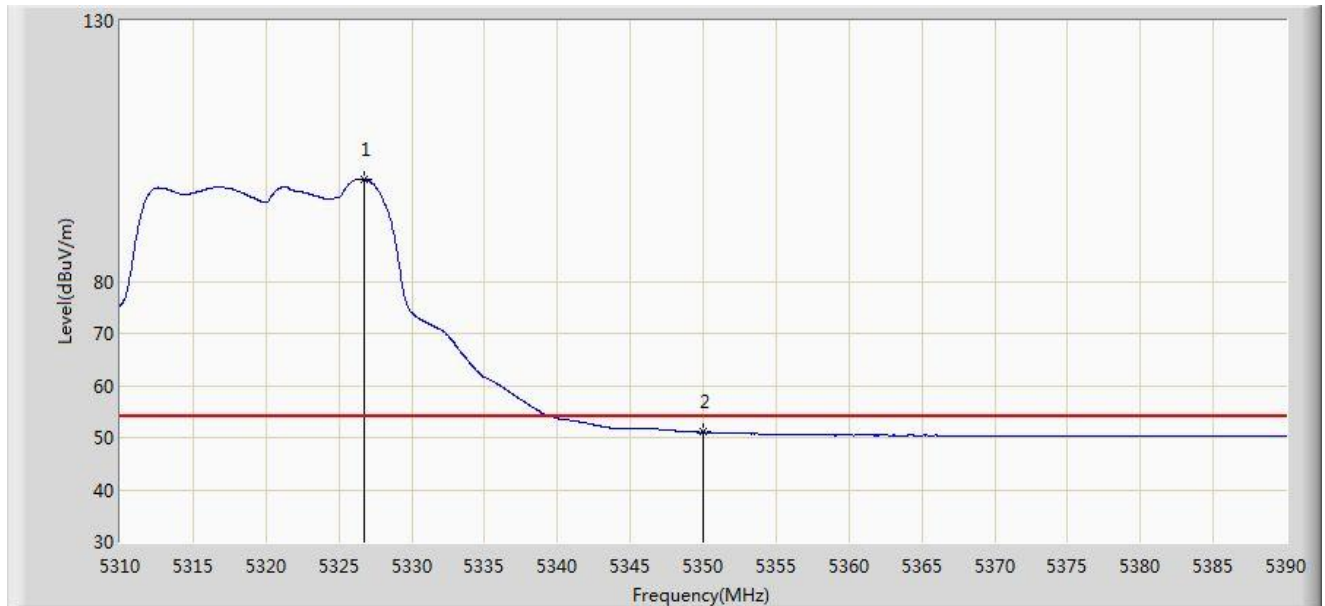


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.320	111.287	74.824	N/A	N/A	36.463	PK
2			5350.000	64.525	27.989	-9.475	74.000	36.536	PK
3			5352.680	67.128	30.586	-6.872	74.000	36.542	PK

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

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

Engineer: Milo Li	
Site: AC1	Time: 2014/09/18 - 19:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5320MHz	

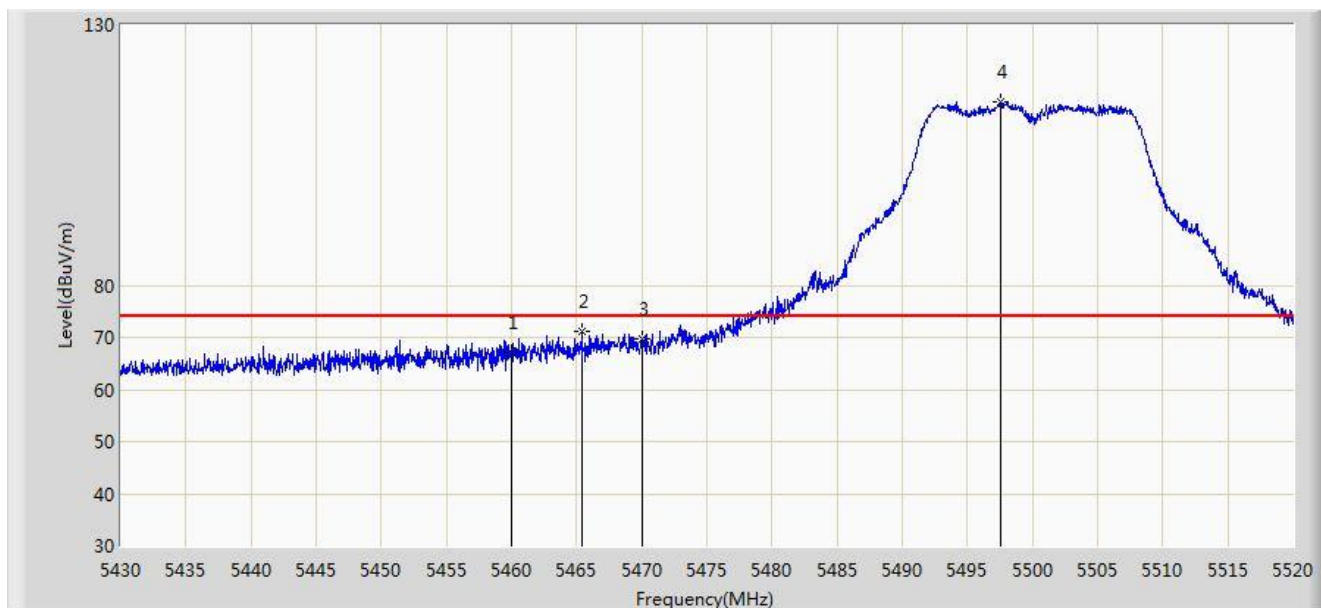


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.760	99.588	63.101	N/A	N/A	36.487	AV
2			5350.000	51.034	14.498	-2.966	54.000	36.536	AV

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: 2014/09/18 - 19:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5500MHz	

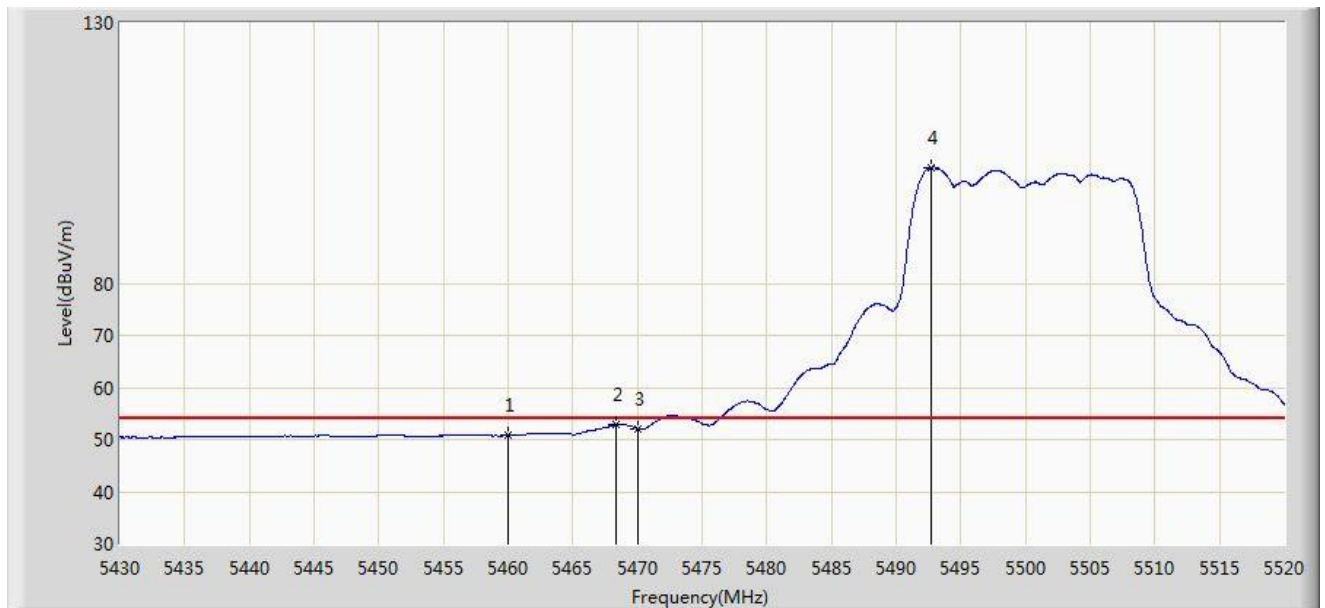


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	67.081	30.271	-6.919	74.000	36.810	PK
2			5465.415	71.037	34.219	-2.963	74.000	36.817	PK
3			5470.000	69.570	32.745	-4.430	74.000	36.825	PK
4		*	5497.545	115.099	78.229	N/A	N/A	36.870	PK

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

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

Engineer: Milo Li	
Site: AC1	Time: 2014/09/18 - 19:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Unified Wired-WLAN Walljack	Power: AC 120V/60Hz
Note: Mode 1: Transmit by 802.11a at channel 5500MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	50.757	13.947	-3.243	54.000	36.810	AV
2			5468.295	52.852	16.030	-1.148	54.000	36.822	AV
3			5470.000	52.115	15.290	-1.885	54.000	36.825	AV
4		*	5492.685	102.213	65.352	N/A	N/A	36.861	AV

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

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