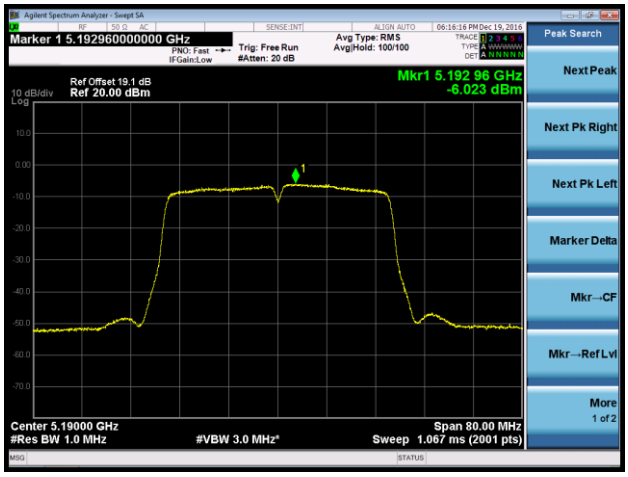
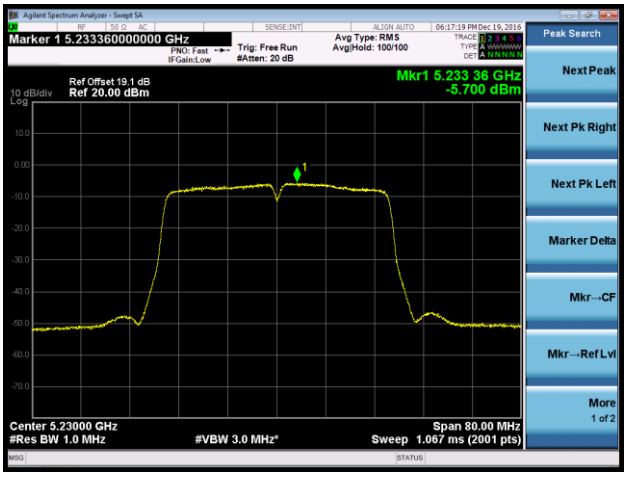
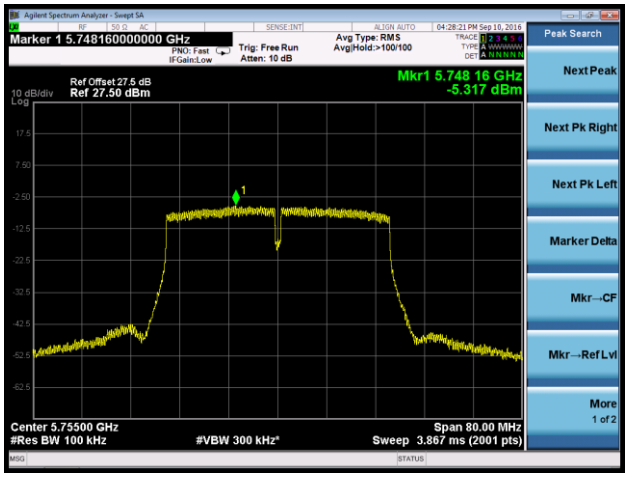
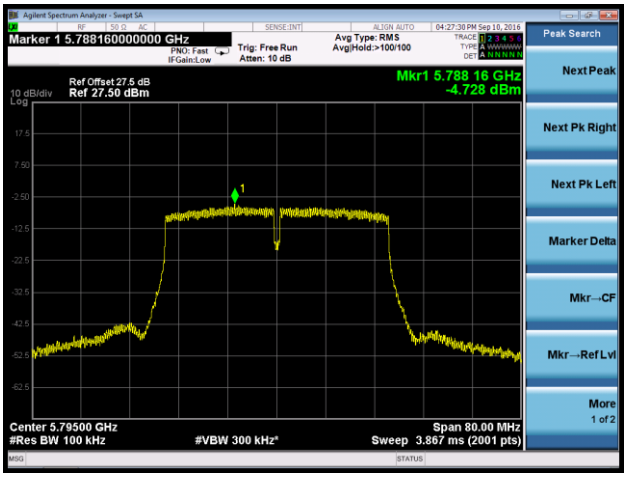
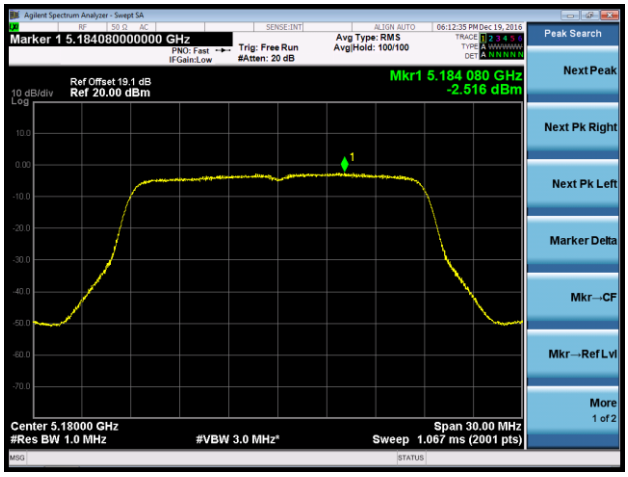
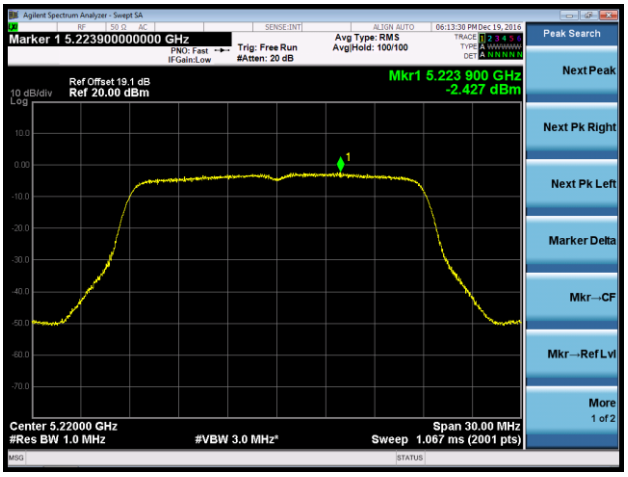
802.11n-HT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

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

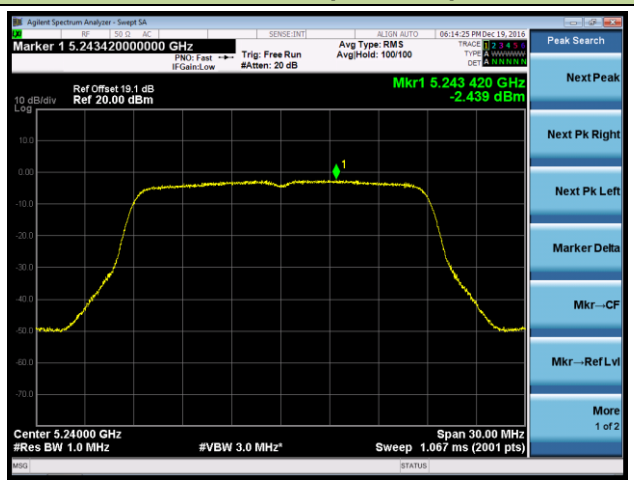
Channel 36 (5180MHz)



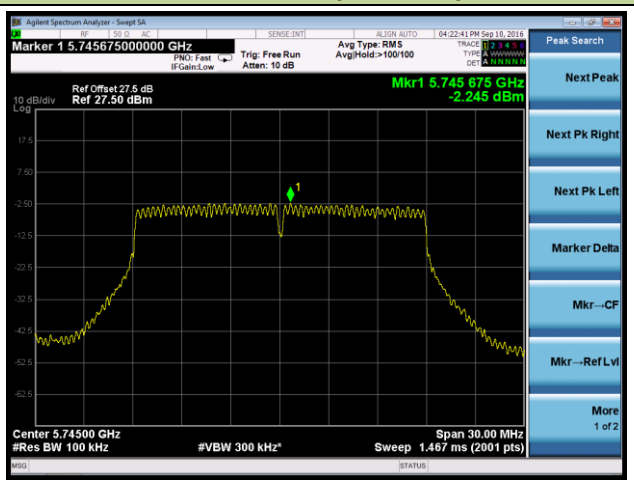
Channel 44 (5220MHz)



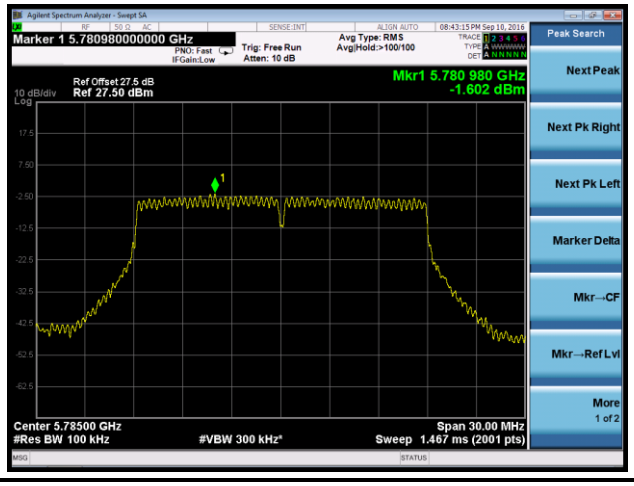
Channel 48 (5240MHz)



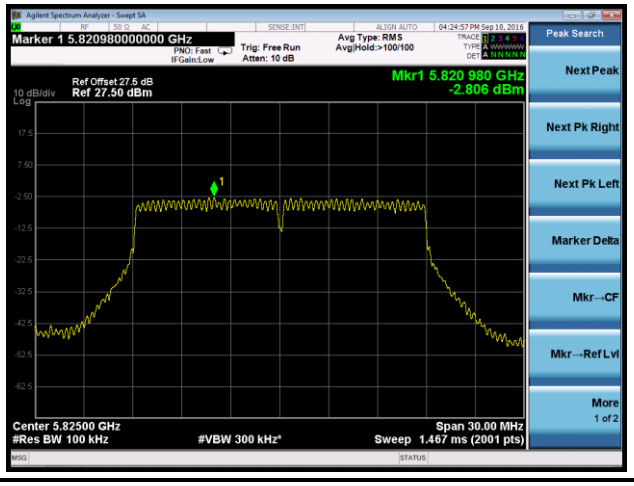
Channel 149 (5745MHz)

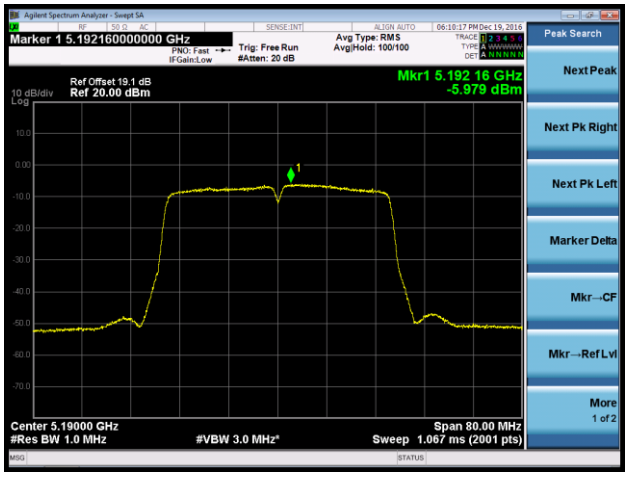
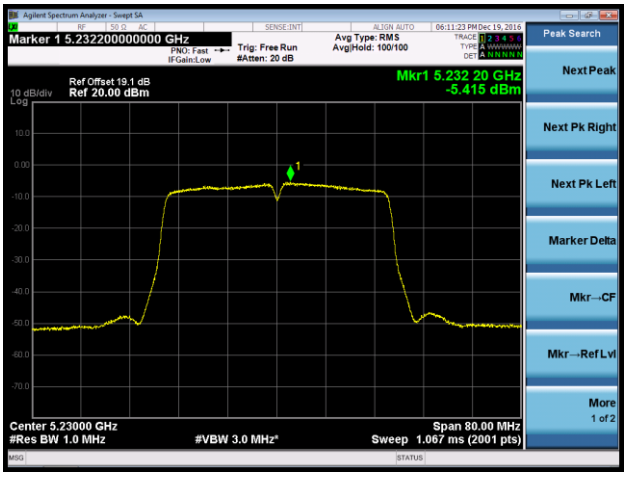
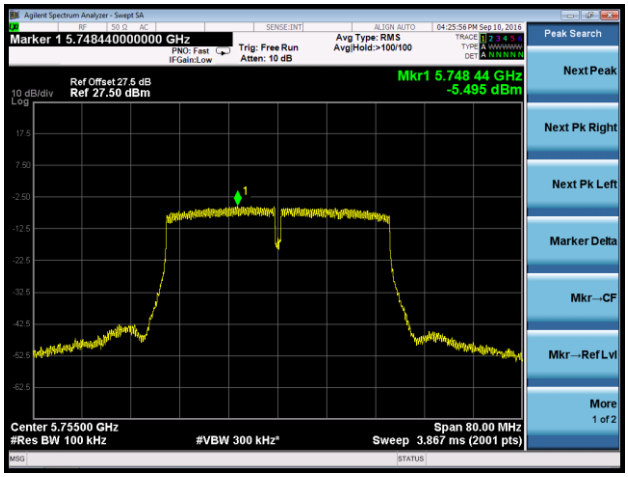
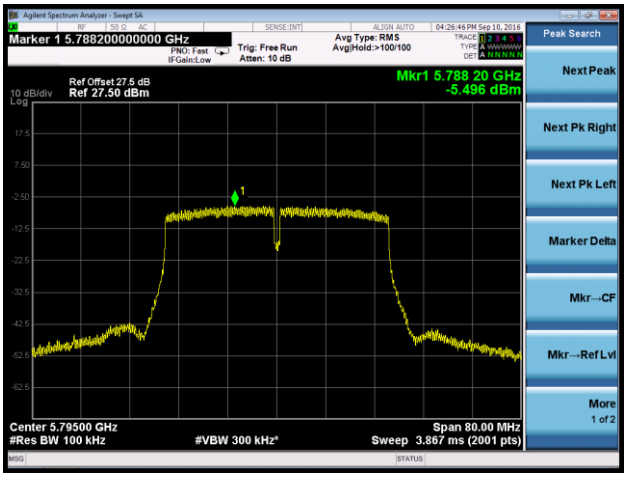


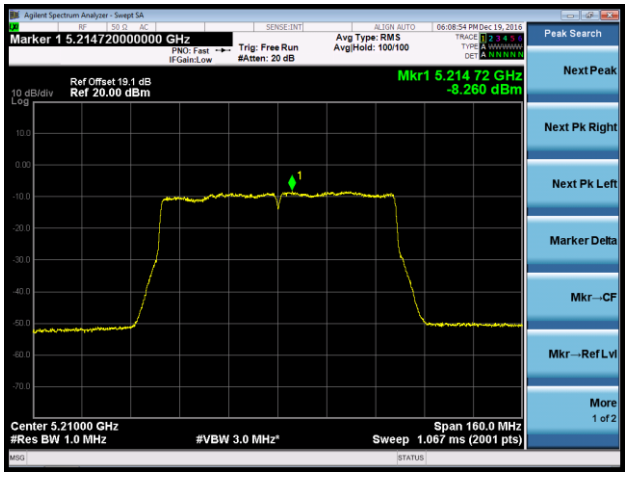
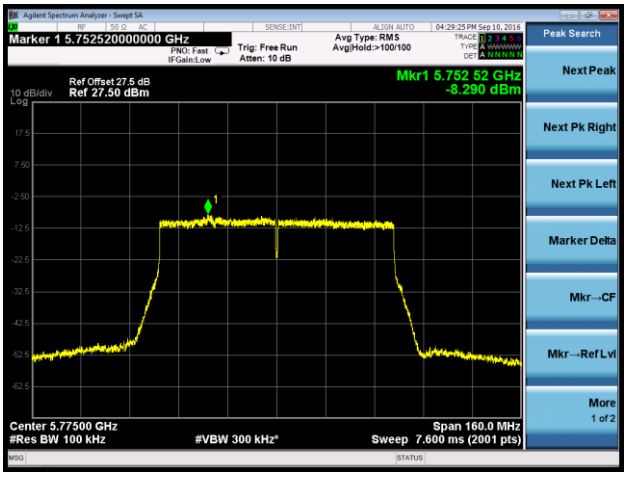
Channel 157 (5785MHz)

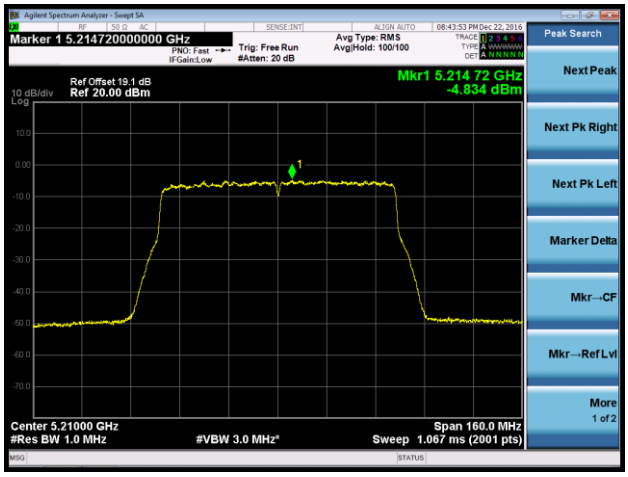
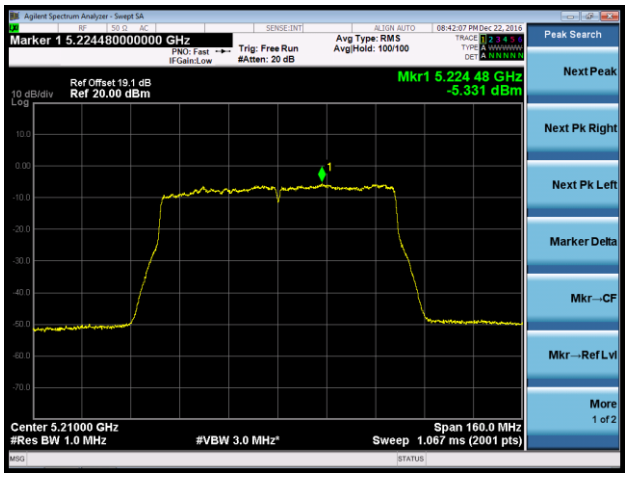


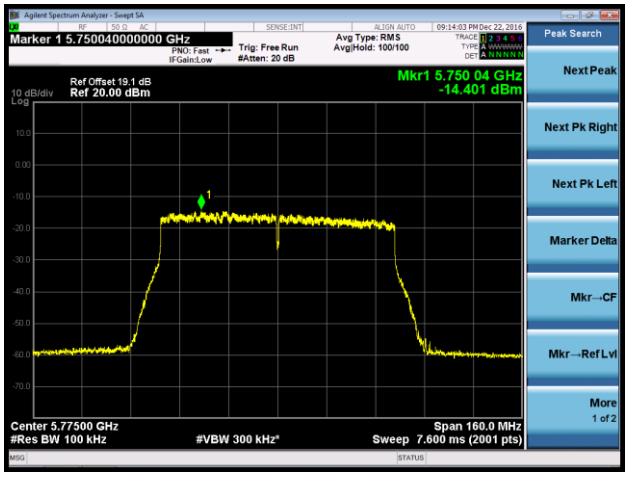
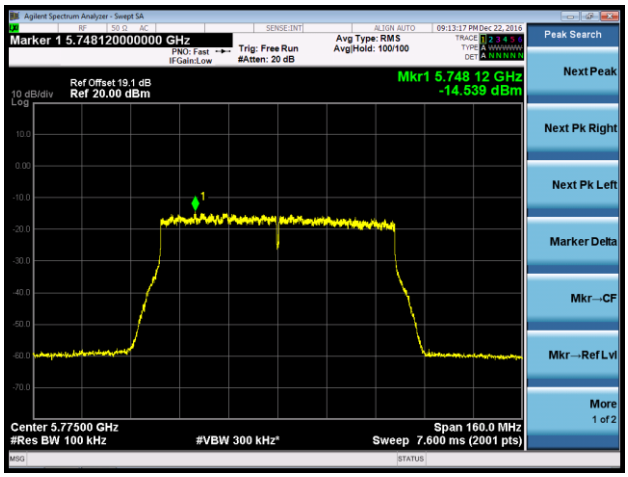
Channel 165 (5825MHz)



802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 42 (5210MHz)	**Channel 155 (5775MHz)**
	

802.11ac-VHT 80 + 80 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3	
Channel 42 (5210MHz)	
	
802.11ac-VHT 80 + 80 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3	
Channel 42 (5210MHz)	
	

802.11ac-VHT 80 + 80 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3	
Channel 155 (5775MHz)	
	
802.11ac-VHT 80 + 80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 155 (5775MHz)	
	

7.7. Frequency Stability Measurement

7.7.1. Test Limit

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

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

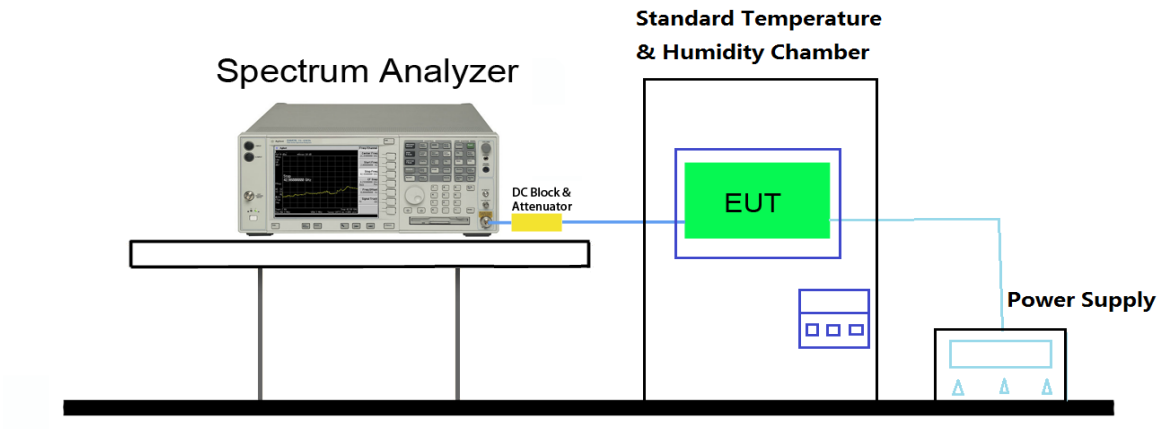
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.7.3. Test Setup



7.7.4. Test Result

Test Engineer	Kevin Ker	Temperature	-30 ~ 50°C
Test Time	10-05-2016	Relative Humidity	52%RH

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	5.49	4.54	2.18	3.27
		- 20	3.39	4.43	4.26	2.58
		- 10	4.10	3.76	2.09	2.43
		0	4.26	5.68	6.02	2.52
		+ 10	3.78	1.54	3.86	3.81
		+ 20 (Ref)	3.19	4.50	2.40	3.69
		+ 30	5.54	5.84	2.10	2.13
		+ 40	3.84	2.71	1.93	5.32
		+ 50	4.23	1.98	-2.39	2.37
115%	138	+ 20	3.34	3.36	3.39	3.24
85%	102	+ 20	3.37	3.09	2.69	0.69

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

7.8. Radiated Spurious Emission Measurement

7.8.1. Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [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 D02v01r03 – Section G

7.8.3. Test Setting

Peak Measurements above 1GHz

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

Quasi-Peak Measurements below 1GHz

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

Average Measurements above 1GHz (Method AD)

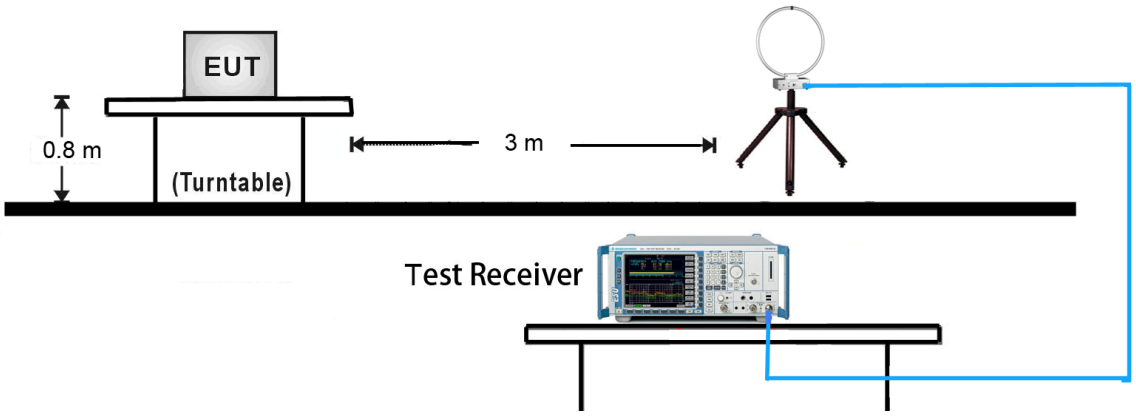
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100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

Quasi-Peak & Average Measurements below 30MHz

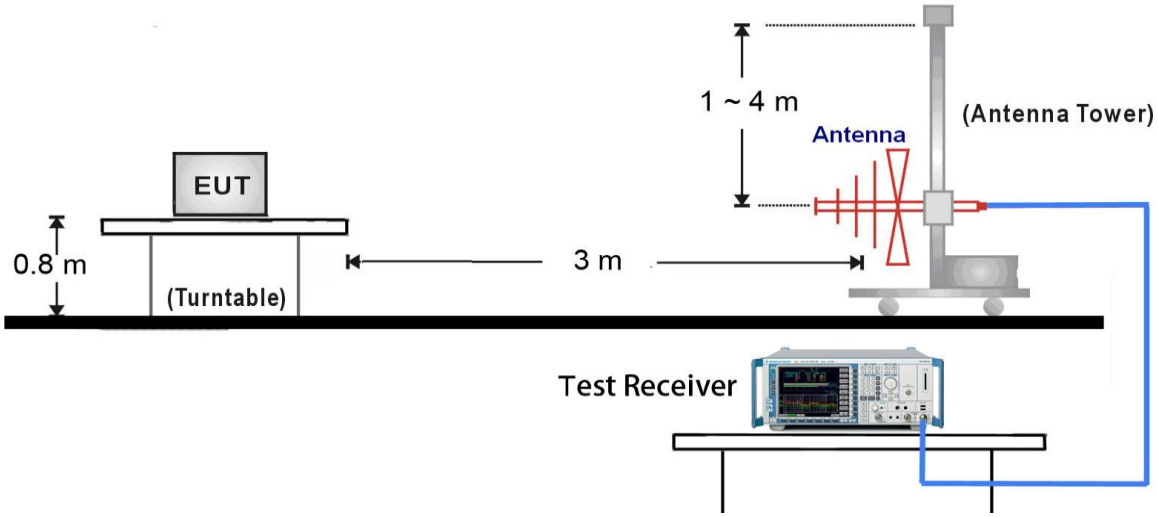
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 200Hz for 9kHz to 150kHz frequency; RBW = 9kHz for 0.15MHz to 30MHz frequency
4. Detector = CISPR quasi-peak or power average (Average)
5. Sweep time = auto couple
6. Trace was allowed to stabilize

7.8.4. Test Setup

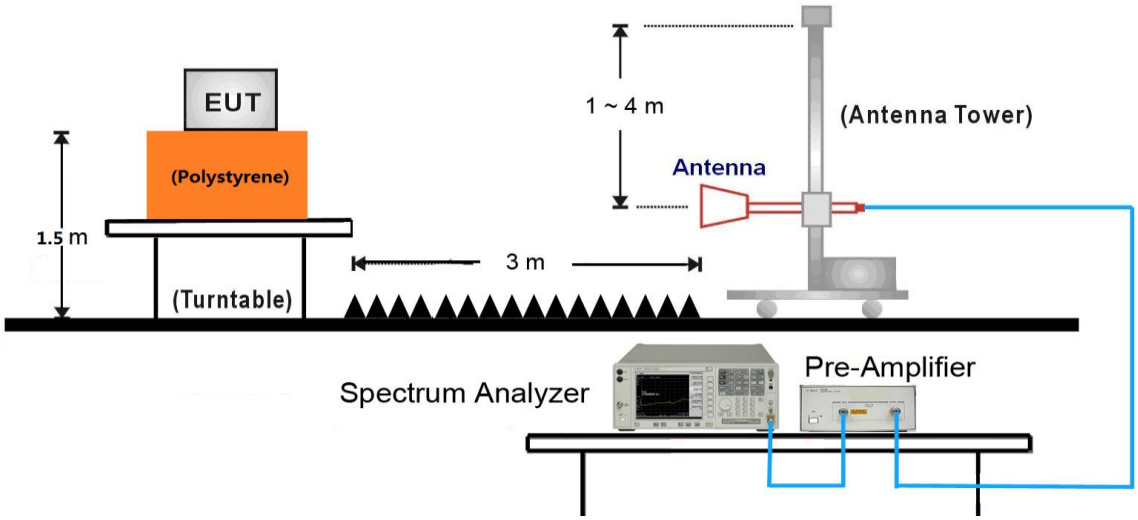
9kHz ~ 30MHz Test Setup:



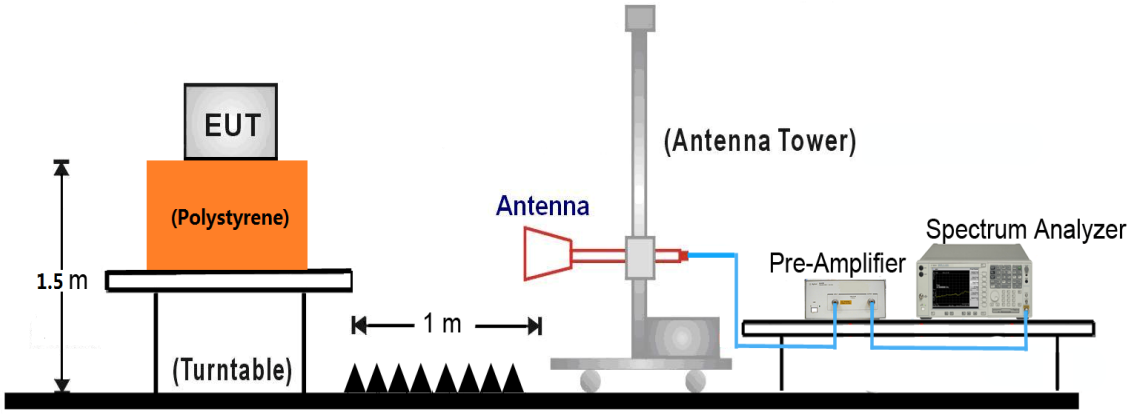
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5. Test Result

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	30.6	12.5	43.1	68.2	-25.1	Peak	Horizontal
*	8777.5	29.5	13.9	43.4	68.2	-24.8	Peak	Horizontal
	9440.5	30.3	14.4	44.7	74.0	-29.3	Peak	Horizontal
	11064.0	28.8	18.5	47.3	74.0	-26.7	Peak	Horizontal
*	7953.0	30.8	12.5	43.3	68.2	-24.9	Peak	Vertical
*	8658.5	28.8	13.6	42.4	68.2	-25.8	Peak	Vertical
	9194.0	30.5	14.7	45.2	74.0	-28.8	Peak	Vertical
	11259.5	29.0	18.8	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	29.5	12.4	41.9	68.2	-26.3	Peak	Horizontal
*	8726.5	30.5	13.8	44.3	68.2	-23.9	Peak	Horizontal
	9381.0	30.0	14.5	44.5	74.0	-29.5	Peak	Horizontal
	10919.5	29.6	18.4	48.0	74.0	-26.0	Peak	Horizontal
*	7842.5	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
*	8658.5	30.1	13.6	43.7	68.2	-24.5	Peak	Vertical
	9432.0	30.7	14.4	45.1	74.0	-28.9	Peak	Vertical
	11293.5	28.6	18.9	47.5	74.0	-26.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	31.3	12.4	43.7	68.2	-24.5	Peak	Horizontal
*	8769.0	28.4	13.9	42.3	68.2	-25.9	Peak	Horizontal
	9423.5	30.0	14.5	44.5	74.0	-29.5	Peak	Horizontal
	11489.0	28.0	19.3	47.3	74.0	-26.7	Peak	Horizontal
*	7927.5	31.0	12.4	43.4	68.2	-24.8	Peak	Vertical
*	8896.5	29.6	14.0	43.6	68.2	-24.6	Peak	Vertical
	9389.5	29.2	14.5	43.7	74.0	-30.3	Peak	Vertical
	11030.0	28.2	18.5	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8769.0	27.8	13.9	41.7	68.2	-26.5	Peak	Horizontal
	9381.0	29.7	14.5	44.2	74.0	-29.8	Peak	Horizontal
	11149.0	28.8	18.7	47.5	74.0	-26.5	Peak	Horizontal
*	7868.0	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8862.5	28.6	14.0	42.6	68.2	-25.6	Peak	Vertical
	9415.0	28.5	14.5	43.0	74.0	-31.0	Peak	Vertical
	11285.0	28.2	18.8	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7868.0	30.7	12.4	43.1	68.2	-25.1	Peak	Horizontal
*	8743.5	30.0	13.9	43.9	68.2	-24.3	Peak	Horizontal
	9432.0	31.0	14.4	45.4	74.0	-28.6	Peak	Horizontal
	10851.5	29.8	18.1	47.9	74.0	-26.1	Peak	Horizontal
*	7791.5	30.8	12.4	43.2	68.2	-25.0	Peak	Vertical
*	8633.0	29.8	13.5	43.3	68.2	-24.9	Peak	Vertical
	9338.5	28.4	14.6	43.0	74.0	-31.0	Peak	Vertical
	11268.0	27.4	18.8	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8726.5	29.9	13.8	43.7	68.2	-24.5	Peak	Horizontal
	9330.0	30.4	14.6	45.0	74.0	-29.0	Peak	Horizontal
	10996.0	29.8	18.5	48.3	74.0	-25.7	Peak	Horizontal
*	7842.5	29.5	12.4	41.9	68.2	-26.3	Peak	Vertical
*	8896.5	28.8	14.0	42.8	68.2	-25.4	Peak	Vertical
	9364.0	29.7	14.5	44.2	74.0	-29.8	Peak	Vertical
	11293.5	27.0	18.9	45.9	74.0	-28.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7970.0	29.9	12.5	42.4	68.2	-25.8	Peak	Horizontal
*	8624.5	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
	9313.0	29.6	14.7	44.3	74.0	-29.7	Peak	Horizontal
	10996.0	29.2	18.5	47.7	74.0	-26.3	Peak	Horizontal
*	7800.0	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
*	8692.5	30.0	13.7	43.7	68.2	-24.5	Peak	Vertical
	9347.0	28.4	14.5	42.9	74.0	-31.1	Peak	Vertical
	10996.0	27.9	18.5	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8837.0	29.5	14.0	43.5	68.2	-24.7	Peak	Horizontal
	9415.0	30.4	14.5	44.9	74.0	-29.1	Peak	Horizontal
	10775.0	30.1	17.8	47.9	74.0	-26.1	Peak	Horizontal
*	7817.0	29.7	12.4	42.1	68.2	-26.1	Peak	Vertical
*	8709.5	27.4	13.8	41.2	68.2	-27.0	Peak	Vertical
	9355.5	29.6	14.5	44.1	74.0	-29.9	Peak	Vertical
	10834.5	28.6	18.1	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8769.0	27.5	13.9	41.4	68.2	-26.8	Peak	Horizontal
	9381.0	28.7	14.5	43.2	74.0	-30.8	Peak	Horizontal
	11234.0	25.9	18.8	44.7	74.0	-29.3	Peak	Horizontal
*	7834.0	30.1	12.4	42.5	68.2	-25.7	Peak	Vertical
*	8616.0	29.5	13.5	43.0	68.2	-25.2	Peak	Vertical
	9355.5	30.1	14.5	44.6	74.0	-29.4	Peak	Vertical
	11030.0	28.3	18.5	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7774.5	29.4	12.4	41.8	68.2	-26.4	Peak	Horizontal
*	8905.0	29.6	14.0	43.6	68.2	-24.6	Peak	Horizontal
	9355.5	29.8	14.5	44.3	74.0	-29.7	Peak	Horizontal
	11055.5	28.6	18.5	47.1	74.0	-26.9	Peak	Horizontal
*	7817.0	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8837.0	29.5	14.0	43.5	68.2	-24.7	Peak	Vertical
	9398.0	29.3	14.5	43.8	74.0	-30.2	Peak	Vertical
	11072.5	28.5	18.6	47.1	74.0	-26.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	29.3	12.4	41.7	68.2	-26.5	Peak	Horizontal
*	8854.0	28.9	14.0	42.9	68.2	-25.3	Peak	Horizontal
	9364.0	29.9	14.5	44.4	74.0	-29.6	Peak	Horizontal
	11370.0	28.2	19.0	47.2	74.0	-26.8	Peak	Horizontal
*	7783.0	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
*	8854.0	28.8	14.0	42.8	68.2	-25.4	Peak	Vertical
	9381.0	27.3	14.5	41.8	74.0	-32.2	Peak	Vertical
	11514.5	26.7	19.4	46.1	74.0	-27.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7783.0	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8837.0	28.8	14.0	42.8	68.2	-25.4	Peak	Horizontal
	9381.0	28.2	14.5	42.7	74.0	-31.3	Peak	Horizontal
	11302.0	27.9	18.9	46.8	74.0	-27.2	Peak	Horizontal
*	7944.5	30.5	12.5	43.0	68.2	-25.2	Peak	Vertical
*	8845.5	29.0	14.0	43.0	68.2	-25.2	Peak	Vertical
	9313.0	28.8	14.7	43.5	74.0	-30.5	Peak	Vertical
	10894.0	29.2	18.3	47.5	74.0	-26.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7817.0	29.6	12.4	42.0	68.2	-26.2	Peak	Horizontal
*	8871.0	27.1	14.0	41.1	68.2	-27.1	Peak	Horizontal
	9338.5	28.1	14.6	42.7	74.0	-31.3	Peak	Horizontal
	11302.0	27.9	18.9	46.8	74.0	-27.2	Peak	Horizontal
*	7834.0	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8828.5	29.2	14.0	43.2	68.2	-25.0	Peak	Vertical
	9381.0	28.7	14.5	43.2	74.0	-30.8	Peak	Vertical
	11013.0	28.7	18.5	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	30.4	12.4	42.8	68.2	-25.4	Peak	Horizontal
*	8692.5	29.3	13.7	43.0	68.2	-25.2	Peak	Horizontal
	9406.5	30.2	14.5	44.7	74.0	-29.3	Peak	Horizontal
	10970.5	28.4	18.4	46.8	74.0	-27.2	Peak	Horizontal
*	7766.0	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8896.5	29.0	14.0	43.0	68.2	-25.2	Peak	Vertical
	9423.5	30.1	14.5	44.6	74.0	-29.4	Peak	Vertical
	11489.0	27.4	19.3	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8658.5	30.0	13.6	43.6	68.2	-24.6	Peak	Horizontal
	9338.5	30.3	14.6	44.9	74.0	-29.1	Peak	Horizontal
	10885.5	30.6	18.3	48.9	74.0	-25.1	Peak	Horizontal
*	7834.0	31.2	12.4	43.6	68.2	-24.6	Peak	Vertical
*	8760.5	30.4	13.9	44.3	68.2	-23.9	Peak	Vertical
	9338.5	29.1	14.6	43.7	74.0	-30.3	Peak	Vertical
	10902.5	29.8	18.3	48.1	74.0	-25.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7936.0	30.5	12.4	42.9	68.2	-25.3	Peak	Horizontal
*	8658.5	29.2	13.6	42.8	68.2	-25.4	Peak	Horizontal
	9355.5	29.4	14.5	43.9	74.0	-30.1	Peak	Horizontal
	10817.5	28.4	18.0	46.4	74.0	-27.6	Peak	Horizontal
*	7783.0	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	8752.0	28.1	13.9	42.0	68.2	-26.2	Peak	Vertical
	9398.0	28.0	14.5	42.5	74.0	-31.5	Peak	Vertical
	11344.5	27.8	19.0	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	29.7	12.4	42.1	68.2	-26.1	Peak	Horizontal
*	8624.5	30.5	13.5	44.0	68.2	-24.2	Peak	Horizontal
	9381.0	28.9	14.5	43.4	74.0	-30.6	Peak	Horizontal
	11480.5	27.9	19.3	47.2	74.0	-26.8	Peak	Horizontal
*	7893.5	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
*	8624.5	28.7	13.5	42.2	68.2	-26.0	Peak	Vertical
	9440.5	28.1	14.4	42.5	74.0	-31.5	Peak	Vertical
	11047.0	28.5	18.5	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	29.5	12.4	41.9	68.2	-26.3	Peak	Horizontal
*	8837.0	28.5	14.0	42.5	68.2	-25.7	Peak	Horizontal
	9406.5	29.9	14.5	44.4	74.0	-29.6	Peak	Horizontal
	10953.5	27.0	18.4	45.4	74.0	-28.6	Peak	Horizontal
*	7910.5	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8735.0	28.8	13.9	42.7	68.2	-25.5	Peak	Vertical
	9491.5	30.8	14.4	45.2	74.0	-28.8	Peak	Vertical
	10970.5	28.1	18.4	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	30.9	12.4	43.3	68.2	-24.9	Peak	Horizontal
*	8820.0	28.7	14.0	42.7	68.2	-25.5	Peak	Horizontal
	9372.5	29.9	14.5	44.4	74.0	-29.6	Peak	Horizontal
	11013.0	28.9	18.5	47.4	74.0	-26.6	Peak	Horizontal
*	7800.0	31.1	12.4	43.5	68.2	-24.7	Peak	Vertical
*	8811.5	28.3	14.0	42.3	68.2	-25.9	Peak	Vertical
	9406.5	29.4	14.5	43.9	74.0	-30.1	Peak	Vertical
	11064.0	28.2	18.5	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	30.9	12.4	43.3	68.2	-24.9	Peak	Horizontal
*	8896.5	28.9	14.0	42.9	68.2	-25.3	Peak	Horizontal
	9338.5	28.9	14.6	43.5	74.0	-30.5	Peak	Horizontal
	11089.5	29.1	18.6	47.7	74.0	-26.3	Peak	Horizontal
*	7910.5	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8760.5	28.8	13.9	42.7	68.2	-25.5	Peak	Vertical
	9423.5	29.2	14.5	43.7	74.0	-30.3	Peak	Vertical
	10894.0	28.4	18.3	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7851.0	30.4	12.4	42.8	68.2	-25.4	Peak	Horizontal
*	8692.5	28.6	13.7	42.3	68.2	-25.9	Peak	Horizontal
	9466.0	27.9	14.4	42.3	74.0	-31.7	Peak	Horizontal
	11047.0	28.0	18.5	46.5	74.0	-27.5	Peak	Horizontal
*	7927.5	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
*	8786.0	28.4	13.9	42.3	68.2	-25.9	Peak	Vertical
	9466.0	29.5	14.4	43.9	74.0	-30.1	Peak	Vertical
	11123.5	26.9	18.6	45.5	74.0	-28.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	30.9	12.4	43.3	68.2	-24.9	Peak	Horizontal
*	8769.0	28.8	13.9	42.7	68.2	-25.5	Peak	Horizontal
	9338.5	27.4	14.6	42.0	74.0	-32.0	Peak	Horizontal
	11021.5	28.4	18.5	46.9	74.0	-27.1	Peak	Horizontal
*	7774.5	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8607.5	29.2	13.5	42.7	68.2	-25.5	Peak	Vertical
	9398.0	27.6	14.5	42.1	74.0	-31.9	Peak	Vertical
	10902.5	27.9	18.3	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8854.0	29.6	14.0	43.6	68.2	-24.6	Peak	Horizontal
	9372.5	30.5	14.5	45.0	74.0	-29.0	Peak	Horizontal
	10979.0	29.0	18.5	47.5	74.0	-26.5	Peak	Horizontal
*	7817.0	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8769.0	27.9	13.9	41.8	68.2	-26.4	Peak	Vertical
	9381.0	31.2	14.5	45.7	74.0	-28.3	Peak	Vertical
	11055.5	28.8	18.5	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7774.5	30.2	12.4	42.6	68.2	-25.6	Peak	Horizontal
*	8769.0	27.2	13.9	41.1	68.2	-27.1	Peak	Horizontal
	9338.5	29.6	14.6	44.2	74.0	-29.8	Peak	Horizontal
	11013.0	27.7	18.5	46.2	74.0	-27.8	Peak	Horizontal
*	7876.5	28.5	12.4	40.9	68.2	-27.3	Peak	Vertical
*	8939.0	28.5	14.0	42.5	68.2	-25.7	Peak	Vertical
	9330.0	29.7	14.6	44.3	74.0	-29.7	Peak	Vertical
	11072.5	27.6	18.6	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	29.5	12.4	41.9	68.2	-26.3	Peak	Horizontal
*	8769.0	28.6	13.9	42.5	68.2	-25.7	Peak	Horizontal
	9466.0	29.7	14.4	44.1	74.0	-29.9	Peak	Horizontal
	11089.5	28.7	18.6	47.3	74.0	-26.7	Peak	Horizontal
*	7808.5	29.5	12.4	41.9	68.2	-26.3	Peak	Vertical
*	8769.0	28.4	13.9	42.3	68.2	-25.9	Peak	Vertical
	9372.5	27.0	14.5	41.5	74.0	-32.5	Peak	Vertical
	11021.5	27.6	18.5	46.1	74.0	-27.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	28.5	12.4	40.9	68.2	-27.3	Peak	Horizontal
*	8658.5	28.0	13.6	41.6	68.2	-26.6	Peak	Horizontal
	9304.5	28.3	14.7	43.0	74.0	-31.0	Peak	Horizontal
	10868.5	28.4	18.2	46.6	74.0	-27.4	Peak	Horizontal
*	7842.5	30.1	12.4	42.5	68.2	-25.7	Peak	Vertical
*	8675.5	29.3	13.7	43.0	68.2	-25.2	Peak	Vertical
	9338.5	29.6	14.6	44.2	74.0	-29.8	Peak	Vertical
	11480.5	28.6	19.3	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0	Test Site:	AC1
Test Channel:	42	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	30.1	12.4	42.5	68.2	-25.7	Peak	Horizontal
*	8624.5	30.6	13.5	44.1	68.2	-24.1	Peak	Horizontal
	9432.0	29.5	14.4	43.9	74.0	-30.1	Peak	Horizontal
	10987.5	29.9	18.5	48.4	74.0	-25.6	Peak	Horizontal
*	7893.5	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
*	8675.5	29.2	13.7	42.9	68.2	-25.3	Peak	Vertical
	9143.0	28.0	14.6	42.6	74.0	-31.4	Peak	Vertical
	11021.5	27.9	18.5	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0	Test Site:	AC1
Test Channel:	155	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	31.0	12.5	43.5	68.2	-24.7	Peak	Horizontal
*	8811.5	28.2	14.0	42.2	68.2	-26.0	Peak	Horizontal
	9389.5	29.4	14.5	43.9	74.0	-30.1	Peak	Horizontal
	11047.0	28.1	18.5	46.6	74.0	-27.4	Peak	Horizontal
*	7808.5	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
*	8735.0	29.1	13.9	43.0	68.2	-25.2	Peak	Vertical
	9381.0	29.4	14.5	43.9	74.0	-30.1	Peak	Vertical
	11004.5	28.4	18.5	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	29.7	12.4	42.1	68.2	-26.1	Peak	Horizontal
*	8607.5	29.3	13.5	42.8	68.2	-25.4	Peak	Horizontal
	9381.0	29.2	14.5	43.7	74.0	-30.3	Peak	Horizontal
	10885.5	28.0	18.3	46.3	74.0	-27.7	Peak	Horizontal
*	7851.0	31.0	12.4	43.4	68.2	-24.8	Peak	Vertical
*	8599.0	30.0	13.4	43.4	68.2	-24.8	Peak	Vertical
	9177.0	28.6	14.7	43.3	74.0	-30.7	Peak	Vertical
	10962.0	28.9	18.4	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	30.7	12.4	43.1	68.2	-25.1	Peak	Horizontal
*	8701.0	30.1	13.8	43.9	68.2	-24.3	Peak	Horizontal
	9151.5	30.0	14.7	44.7	74.0	-29.3	Peak	Horizontal
	10724.0	29.6	17.6	47.2	74.0	-26.8	Peak	Horizontal
*	7978.5	30.0	12.5	42.5	68.2	-25.7	Peak	Vertical
*	8879.5	29.7	14.0	43.7	68.2	-24.5	Peak	Vertical
	9185.5	29.5	14.7	44.2	74.0	-29.8	Peak	Vertical
	11047.0	28.5	18.5	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7902.0	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8522.5	31.0	13.0	44.0	68.2	-24.2	Peak	Horizontal
	9372.5	29.7	14.5	44.2	74.0	-29.8	Peak	Horizontal
	10919.5	29.6	18.4	48.0	74.0	-26.0	Peak	Horizontal
*	7859.5	31.8	12.4	44.2	68.2	-24.0	Peak	Vertical
*	8624.5	30.9	13.5	44.4	68.2	-23.8	Peak	Vertical
	9177.0	30.6	14.7	45.3	74.0	-28.7	Peak	Vertical
	10894.0	29.8	18.3	48.1	74.0	-25.9	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7936.0	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8616.0	30.2	13.5	43.7	68.2	-24.5	Peak	Horizontal
	9321.5	29.7	14.6	44.3	74.0	-29.7	Peak	Horizontal
	11106.5	28.8	18.6	47.4	74.0	-26.6	Peak	Horizontal
*	7910.5	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
*	8896.5	30.7	14.0	44.7	68.2	-23.5	Peak	Vertical
	9185.5	29.3	14.7	44.0	74.0	-30.0	Peak	Vertical
	11276.5	28.5	18.8	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8616.0	29.8	13.5	43.3	68.2	-24.9	Peak	Horizontal
	9338.5	29.5	14.6	44.1	74.0	-29.9	Peak	Horizontal
	11514.5	28.1	19.4	47.5	74.0	-26.5	Peak	Horizontal
*	7859.5	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8641.5	31.1	13.5	44.6	68.2	-23.6	Peak	Vertical
	9151.5	31.3	14.7	46.0	74.0	-28.0	Peak	Vertical
	11540.0	29.4	19.4	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.

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	30.2	12.4	42.6	68.2	-25.6	Peak	Horizontal
*	8692.5	29.3	13.7	43.0	68.2	-25.2	Peak	Horizontal
	9338.5	30.3	14.6	44.9	74.0	-29.1	Peak	Horizontal
	10792.0	30.4	17.9	48.3	74.0	-25.7	Peak	Horizontal
*	7808.5	29.3	12.4	41.7	68.2	-26.5	Peak	Vertical
*	8658.5	29.8	13.6	43.4	68.2	-24.8	Peak	Vertical
	9457.5	29.1	14.4	43.5	74.0	-30.5	Peak	Vertical
	11208.5	27.9	18.8	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.3	12.4	43.7	68.2	-24.5	Peak	Horizontal
*	8616.0	30.9	13.5	44.4	68.2	-23.8	Peak	Horizontal
	9143.0	30.4	14.6	45.0	74.0	-29.0	Peak	Horizontal
	10834.5	30.0	18.1	48.1	74.0	-25.9	Peak	Horizontal
*	7987.0	30.4	12.5	42.9	68.2	-25.3	Peak	Vertical
*	8811.5	30.1	14.0	44.1	68.2	-24.1	Peak	Vertical
	9338.5	28.6	14.6	43.2	74.0	-30.8	Peak	Vertical
	11123.5	29.3	18.6	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7961.5	29.7	12.5	42.2	68.2	-26.0	Peak	Horizontal
*	8922.0	30.1	14.0	44.1	68.2	-24.1	Peak	Horizontal
	9321.5	29.3	14.6	43.9	74.0	-30.1	Peak	Horizontal
	10970.5	28.2	18.4	46.6	74.0	-27.4	Peak	Horizontal
*	7978.5	30.6	12.5	43.1	68.2	-25.1	Peak	Vertical
*	8667.0	29.8	13.6	43.4	68.2	-24.8	Peak	Vertical
	9372.5	29.4	14.5	43.9	74.0	-30.1	Peak	Vertical
	11072.5	28.3	18.6	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	29.2	12.4	41.6	68.2	-26.6	Peak	Horizontal
*	8650.0	29.8	13.6	43.4	68.2	-24.8	Peak	Horizontal
	9185.5	29.0	14.7	43.7	74.0	-30.3	Peak	Horizontal
	11089.5	27.8	18.6	46.4	74.0	-27.6	Peak	Horizontal
*	7851.0	31.4	12.4	43.8	68.2	-24.4	Peak	Vertical
*	8726.5	30.0	13.8	43.8	68.2	-24.4	Peak	Vertical
	9347.0	28.7	14.5	43.2	74.0	-30.8	Peak	Vertical
	11038.5	28.2	18.5	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
*	8684.0	29.4	13.7	43.1	68.2	-25.1	Peak	Horizontal
	9168.5	28.8	14.7	43.5	74.0	-30.5	Peak	Horizontal
	11081.0	27.8	18.6	46.4	74.0	-27.6	Peak	Horizontal
*	7961.5	30.5	12.5	43.0	68.2	-25.2	Peak	Vertical
*	8735.0	30.4	13.9	44.3	68.2	-23.9	Peak	Vertical
	9423.5	29.1	14.5	43.6	74.0	-30.4	Peak	Vertical
	11174.5	27.6	18.7	46.3	74.0	-27.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	29.8	12.4	42.2	68.2	-26.0	Peak	Horizontal
*	8616.0	30.6	13.5	44.1	68.2	-24.1	Peak	Horizontal
	9381.0	29.4	14.5	43.9	74.0	-30.1	Peak	Horizontal
	11038.5	28.0	18.5	46.5	74.0	-27.5	Peak	Horizontal
*	7910.5	29.2	12.4	41.6	68.2	-26.6	Peak	Vertical
*	8607.5	29.6	13.5	43.1	68.2	-25.1	Peak	Vertical
	9134.5	29.7	14.6	44.3	74.0	-29.7	Peak	Vertical
	10877.0	28.4	18.2	46.6	74.0	-27.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8633.0	30.6	13.5	44.1	68.2	-24.1	Peak	Horizontal
	9440.5	31.4	14.4	45.8	74.0	-28.2	Peak	Horizontal
	10987.5	28.7	18.5	47.2	74.0	-26.8	Peak	Horizontal
*	7859.5	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	8735.0	29.5	13.9	43.4	68.2	-24.8	Peak	Vertical
	9330.0	29.2	14.6	43.8	74.0	-30.2	Peak	Vertical
	11047.0	28.2	18.5	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
*	8582.0	30.2	13.4	43.6	68.2	-24.6	Peak	Horizontal
	9491.5	30.8	14.4	45.2	74.0	-28.8	Peak	Horizontal
	11480.5	28.1	19.3	47.4	74.0	-26.6	Peak	Horizontal
*	7834.0	31.8	12.4	44.2	68.2	-24.0	Peak	Vertical
*	8573.5	30.7	13.3	44.0	68.2	-24.2	Peak	Vertical
	9304.5	30.1	14.7	44.8	74.0	-29.2	Peak	Vertical
	11327.5	28.8	18.9	47.7	74.0	-26.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7868.0	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8667.0	29.1	13.6	42.7	68.2	-25.5	Peak	Horizontal
	9304.5	28.0	14.7	42.7	74.0	-31.3	Peak	Horizontal
	10834.5	27.6	18.1	45.7	74.0	-28.3	Peak	Horizontal
*	7766.0	32.0	12.4	44.4	68.2	-23.8	Peak	Vertical
*	8794.5	29.5	13.9	43.4	68.2	-24.8	Peak	Vertical
	9466.0	30.7	14.4	45.1	74.0	-28.9	Peak	Vertical
	10885.5	28.9	18.3	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	29.7	12.4	42.1	68.2	-26.1	Peak	Horizontal
*	8735.0	29.6	13.9	43.5	68.2	-24.7	Peak	Horizontal
	9381.0	27.7	14.5	42.2	74.0	-31.8	Peak	Horizontal
	11081.0	28.2	18.6	46.8	74.0	-27.2	Peak	Horizontal
*	7859.5	31.4	12.4	43.8	68.2	-24.4	Peak	Vertical
*	8820.0	28.8	14.0	42.8	68.2	-25.4	Peak	Vertical
	9381.0	28.9	14.5	43.4	74.0	-30.6	Peak	Vertical
	11064.0	28.6	18.5	47.1	74.0	-26.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7961.5	30.7	12.5	43.2	68.2	-25.0	Peak	Horizontal
*	8675.5	28.8	13.7	42.5	68.2	-25.7	Peak	Horizontal
	9338.5	29.2	14.6	43.8	74.0	-30.2	Peak	Horizontal
	10996.0	28.3	18.5	46.8	74.0	-27.2	Peak	Horizontal
*	7808.5	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8862.5	28.6	14.0	42.6	68.2	-25.6	Peak	Vertical
	9151.5	29.7	14.7	44.4	74.0	-29.6	Peak	Vertical
	10894.0	28.6	18.3	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7944.5	31.8	12.5	44.3	68.2	-23.9	Peak	Horizontal
*	8624.5	32.2	13.5	45.7	68.2	-22.5	Peak	Horizontal
	9457.5	31.5	14.4	45.9	74.0	-28.1	Peak	Horizontal
	10894.0	31.0	18.3	49.3	74.0	-24.7	Peak	Horizontal
*	7825.5	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
*	8667.0	29.5	13.6	43.1	68.2	-25.1	Peak	Vertical
	9185.5	28.6	14.7	43.3	74.0	-30.7	Peak	Vertical
	10970.5	28.4	18.4	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7893.5	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8641.5	29.9	13.5	43.4	68.2	-24.8	Peak	Horizontal
	9313.0	28.6	14.7	43.3	74.0	-30.7	Peak	Horizontal
	10894.0	29.1	18.3	47.4	74.0	-26.6	Peak	Horizontal
*	7885.0	29.8	12.4	42.2	68.2	-26.0	Peak	Vertical
*	8811.5	28.4	14.0	42.4	68.2	-25.8	Peak	Vertical
	9474.5	28.4	14.4	42.8	74.0	-31.2	Peak	Vertical
	10987.5	28.3	18.5	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7961.5	30.4	12.5	42.9	68.2	-25.3	Peak	Horizontal
*	8701.0	29.5	13.8	43.3	68.2	-24.9	Peak	Horizontal
	9177.0	28.3	14.7	43.0	74.0	-31.0	Peak	Horizontal
	10928.0	27.8	18.4	46.2	74.0	-27.8	Peak	Horizontal
*	7817.0	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8692.5	30.3	13.7	44.0	68.2	-24.2	Peak	Vertical
	9466.0	29.1	14.4	43.5	74.0	-30.5	Peak	Vertical
	11055.5	29.0	18.5	47.5	74.0	-26.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7944.5	30.8	12.5	43.3	68.2	-24.9	Peak	Horizontal
*	8811.5	30.7	14.0	44.7	68.2	-23.5	Peak	Horizontal
	9355.5	31.1	14.5	45.6	74.0	-28.4	Peak	Horizontal
	11361.5	29.3	19.0	48.3	74.0	-25.7	Peak	Horizontal
*	7783.0	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8803.0	30.5	14.0	44.5	68.2	-23.7	Peak	Vertical
	9313.0	30.9	14.7	45.6	74.0	-28.4	Peak	Vertical
	11489.0	28.4	19.3	47.7	74.0	-26.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	31.5	12.5	44.0	68.2	-24.2	Peak	Horizontal
*	8624.5	30.6	13.5	44.1	68.2	-24.1	Peak	Horizontal
	9177.0	30.9	14.7	45.6	74.0	-28.4	Peak	Horizontal
	11285.0	30.1	18.8	48.9	74.0	-25.1	Peak	Horizontal
*	7842.5	30.1	12.4	42.5	68.2	-25.7	Peak	Vertical
*	8675.5	30.7	13.7	44.4	68.2	-23.8	Peak	Vertical
	9347.0	30.7	14.5	45.2	74.0	-28.8	Peak	Vertical
	11259.5	28.8	18.8	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8633.0	31.1	13.5	44.6	68.2	-23.6	Peak	Horizontal
	9330.0	30.8	14.6	45.4	74.0	-28.6	Peak	Horizontal
	10970.5	28.7	18.4	47.1	74.0	-26.9	Peak	Horizontal
*	7995.5	32.0	12.5	44.5	68.2	-23.7	Peak	Vertical
*	8837.0	30.7	14.0	44.7	68.2	-23.5	Peak	Vertical
	9330.0	31.6	14.6	46.2	74.0	-27.8	Peak	Vertical
	11047.0	29.8	18.5	48.3	74.0	-25.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	31.5	12.5	44.0	68.2	-24.2	Peak	Horizontal
*	8837.0	30.8	14.0	44.8	68.2	-23.4	Peak	Horizontal
	9449.0	31.5	14.4	45.9	74.0	-28.1	Peak	Horizontal
	10919.5	28.7	18.4	47.1	74.0	-26.9	Peak	Horizontal
*	7927.5	32.0	12.4	44.4	68.2	-23.8	Peak	Vertical
*	8667.0	30.3	13.6	43.9	68.2	-24.3	Peak	Vertical
	9338.5	30.4	14.6	45.0	74.0	-29.0	Peak	Vertical
	10783.5	29.3	17.8	47.1	74.0	-26.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	31.4	12.4	43.8	68.2	-24.4	Peak	Horizontal
*	8862.5	31.5	14.0	45.5	68.2	-22.7	Peak	Horizontal
	9321.5	30.7	14.6	45.3	74.0	-28.7	Peak	Horizontal
	10902.5	29.3	18.3	47.6	74.0	-26.4	Peak	Horizontal
*	7961.5	30.9	12.5	43.4	68.2	-24.8	Peak	Vertical
*	8633.0	30.5	13.5	44.0	68.2	-24.2	Peak	Vertical
	9338.5	30.7	14.6	45.3	74.0	-28.7	Peak	Vertical
	10877.0	29.1	18.2	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	30.4	12.4	42.8	68.2	-25.4	Peak	Horizontal
*	8522.5	31.5	13.0	44.5	68.2	-23.7	Peak	Horizontal
	9347.0	30.7	14.5	45.2	74.0	-28.8	Peak	Horizontal
	10962.0	28.6	18.4	47.0	74.0	-27.0	Peak	Horizontal
*	7834.0	32.5	12.4	44.9	68.2	-23.3	Peak	Vertical
*	8837.0	32.0	14.0	46.0	68.2	-22.2	Peak	Vertical
	9355.5	32.5	14.5	47.0	74.0	-27.0	Peak	Vertical
	11047.0	30.7	18.5	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7978.5	31.5	12.5	44.0	68.2	-24.2	Peak	Horizontal
*	8658.5	30.0	13.6	43.6	68.2	-24.6	Peak	Horizontal
	9466.0	29.6	14.4	44.0	74.0	-30.0	Peak	Horizontal
	11072.5	29.4	18.6	48.0	74.0	-26.0	Peak	Horizontal
*	7876.5	29.9	12.4	42.3	68.2	-25.9	Peak	Vertical
*	8658.5	30.2	13.6	43.8	68.2	-24.4	Peak	Vertical
	9015.5	29.0	14.2	43.2	74.0	-30.8	Peak	Vertical
	10732.5	29.1	17.6	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 1	Test Site:	AC1
Test Channel:	42	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.2	11.5	41.7	68.2	-26.5	Peak	Horizontal
*	7842.5	30.1	12.4	42.5	68.2	-25.7	Peak	Horizontal
	9092.0	28.9	14.4	43.3	74.0	-30.7	Peak	Horizontal
	11072.5	27.7	18.6	46.3	74.0	-27.7	Peak	Horizontal
*	7111.5	30.7	11.5	42.2	68.2	-26.0	Peak	Vertical
*	7808.5	32.0	12.4	44.4	68.2	-23.8	Peak	Vertical
	8310.0	30.5	11.9	42.4	74.0	-31.6	Peak	Vertical
	9049.5	28.1	14.2	42.3	74.0	-31.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	29.5	12.4	41.9	68.2	-26.3	Peak	Horizontal
*	8692.5	29.3	13.7	43.0	68.2	-25.2	Peak	Horizontal
	9177.0	29.7	14.7	44.4	74.0	-29.6	Peak	Horizontal
	11123.5	28.0	18.6	46.6	74.0	-27.4	Peak	Horizontal
*	7077.5	31.3	11.3	42.6	68.2	-25.6	Peak	Vertical
*	8692.5	29.4	13.7	43.1	68.2	-25.1	Peak	Vertical
	9134.5	29.1	14.6	43.7	74.0	-30.3	Peak	Vertical
	11582.5	25.8	19.5	45.3	74.0	-28.7	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.4	11.7	43.1	68.2	-25.1	Peak	Horizontal
*	8692.5	29.8	13.7	43.5	68.2	-24.7	Peak	Horizontal
	9177.0	29.6	14.7	44.3	74.0	-29.7	Peak	Horizontal
	11174.5	27.4	18.7	46.1	74.0	-27.9	Peak	Horizontal
*	7137.0	31.5	11.7	43.2	68.2	-25.0	Peak	Vertical
*	7910.5	30.1	12.4	42.5	68.2	-25.7	Peak	Vertical
	8386.5	30.6	12.1	42.7	74.0	-31.3	Peak	Vertical
	9092.0	29.2	14.4	43.6	74.0	-30.4	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.0	11.5	42.5	68.2	-25.7	Peak	Horizontal
*	7953.0	30.3	12.5	42.8	68.2	-25.4	Peak	Horizontal
	9134.5	28.6	14.6	43.2	74.0	-30.8	Peak	Horizontal
	11225.5	27.6	18.8	46.4	74.0	-27.6	Peak	Horizontal
*	7077.5	30.0	11.3	41.3	68.2	-26.9	Peak	Vertical
*	7876.5	29.9	12.4	42.3	68.2	-25.9	Peak	Vertical
	8276.0	30.1	11.9	42.0	74.0	-32.0	Peak	Vertical
	9134.5	29.2	14.6	43.8	74.0	-30.2	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.3	11.5	41.8	68.2	-26.4	Peak	Horizontal
*	7910.5	30.1	12.4	42.5	68.2	-25.7	Peak	Horizontal
	8131.5	30.2	12.2	42.4	74.0	-31.6	Peak	Horizontal
	9134.5	28.3	14.6	42.9	74.0	-31.1	Peak	Horizontal
*	7111.5	30.1	11.5	41.6	68.2	-26.6	Peak	Vertical
*	7910.5	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
	8310.0	31.2	11.9	43.1	74.0	-30.9	Peak	Vertical
	9092.0	28.7	14.4	43.1	74.0	-30.9	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.9	11.5	41.4	68.2	-26.8	Peak	Horizontal
*	7876.5	29.5	12.4	41.9	68.2	-26.3	Peak	Horizontal
	8242.0	30.6	11.9	42.5	74.0	-31.5	Peak	Horizontal
	9134.5	29.8	14.6	44.4	74.0	-29.6	Peak	Horizontal
*	7111.5	31.0	11.5	42.5	68.2	-25.7	Peak	Vertical
*	7876.5	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
	8310.0	29.9	11.9	41.8	74.0	-32.2	Peak	Vertical
	9134.5	29.0	14.6	43.6	74.0	-30.4	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.4	11.9	41.3	68.2	-26.9	Peak	Horizontal
*	7842.5	30.4	12.4	42.8	68.2	-25.4	Peak	Horizontal
	8386.5	30.4	12.1	42.5	74.0	-31.5	Peak	Horizontal
	9049.5	28.3	14.2	42.5	74.0	-31.5	Peak	Horizontal
*	7077.5	30.4	11.3	41.7	68.2	-26.5	Peak	Vertical
*	7842.5	29.8	12.4	42.2	68.2	-26.0	Peak	Vertical
	8352.5	29.8	12.0	41.8	74.0	-32.2	Peak	Vertical
	9092.0	28.8	14.4	43.2	74.0	-30.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.2	11.3	42.5	68.2	-25.7	Peak	Horizontal
*	7876.5	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
	8276.0	31.3	11.9	43.2	74.0	-30.8	Peak	Horizontal
	9092.0	29.8	14.4	44.2	74.0	-29.8	Peak	Horizontal
*	7077.5	30.4	11.3	41.7	68.2	-26.5	Peak	Vertical
*	7876.5	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
	8199.5	30.4	12.0	42.4	74.0	-31.6	Peak	Vertical
	9177.0	28.9	14.7	43.6	74.0	-30.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.9	11.7	41.6	68.2	-26.6	Peak	Horizontal
*	7910.5	30.1	12.4	42.5	68.2	-25.7	Peak	Horizontal
	8386.5	29.6	12.1	41.7	74.0	-32.3	Peak	Horizontal
	9134.5	28.9	14.6	43.5	74.0	-30.5	Peak	Horizontal
*	7111.5	31.8	11.5	43.3	68.2	-24.9	Peak	Vertical
*	8769.0	28.9	13.9	42.8	68.2	-25.4	Peak	Vertical
	9466.0	29.8	14.4	44.2	74.0	-29.8	Peak	Vertical
	11480.5	27.6	19.3	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.5	11.5	42.0	68.2	-26.2	Peak	Horizontal
*	7876.5	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
	8276.0	30.8	11.9	42.7	74.0	-31.3	Peak	Horizontal
	9092.0	28.6	14.4	43.0	74.0	-31.0	Peak	Horizontal
*	7111.5	31.2	11.5	42.7	68.2	-25.5	Peak	Vertical
*	7876.5	29.6	12.4	42.0	68.2	-26.2	Peak	Vertical
	8242.0	30.0	11.9	41.9	74.0	-32.1	Peak	Vertical
	9134.5	28.7	14.6	43.3	74.0	-30.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.9	11.5	42.4	68.2	-25.8	Peak	Horizontal
*	7910.5	31.8	12.4	44.2	68.2	-24.0	Peak	Horizontal
	8242.0	30.7	11.9	42.6	74.0	-31.4	Peak	Horizontal
	9134.5	29.8	14.6	44.4	74.0	-29.6	Peak	Horizontal
*	7077.5	30.6	11.3	41.9	68.2	-26.3	Peak	Vertical
*	7953.0	32.2	12.5	44.7	68.2	-23.5	Peak	Vertical
	8242.0	30.6	11.9	42.5	74.0	-31.5	Peak	Vertical
	9134.5	29.9	14.6	44.5	74.0	-29.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.8	11.7	42.5	68.2	-25.7	Peak	Horizontal
*	7876.5	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
	8352.5	30.5	12.0	42.5	74.0	-31.5	Peak	Horizontal
	9134.5	29.3	14.6	43.9	74.0	-30.1	Peak	Horizontal
*	7111.5	30.9	11.5	42.4	68.2	-25.8	Peak	Vertical
*	7876.5	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
	8310.0	30.8	11.9	42.7	74.0	-31.3	Peak	Vertical
	9092.0	28.8	14.4	43.2	74.0	-30.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.0	11.3	41.3	68.2	-26.9	Peak	Horizontal
*	7910.5	29.6	12.4	42.0	68.2	-26.2	Peak	Horizontal
	8386.5	30.0	12.1	42.1	74.0	-31.9	Peak	Horizontal
	9134.5	29.6	14.6	44.2	74.0	-29.8	Peak	Horizontal
*	7111.5	30.0	11.5	41.5	68.2	-26.7	Peak	Vertical
*	7910.5	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
	8429.0	31.0	12.4	43.4	74.0	-30.6	Peak	Vertical
	9177.0	29.1	14.7	43.8	74.0	-30.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.6	11.7	42.3	68.2	-25.9	Peak	Horizontal
*	7876.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
	8276.0	31.3	11.9	43.2	74.0	-30.8	Peak	Horizontal
	9134.5	29.8	14.6	44.4	74.0	-29.6	Peak	Horizontal
*	7077.5	30.9	11.3	42.2	68.2	-26.0	Peak	Vertical
*	7876.5	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
	8276.0	30.6	11.9	42.5	74.0	-31.5	Peak	Vertical
	9092.0	28.7	14.4	43.1	74.0	-30.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.7	11.5	42.2	68.2	-26.0	Peak	Horizontal
*	7842.5	29.9	12.4	42.3	68.2	-25.9	Peak	Horizontal
	8310.0	29.6	11.9	41.5	74.0	-32.5	Peak	Horizontal
	9134.5	29.0	14.6	43.6	74.0	-30.4	Peak	Horizontal
*	7137.0	32.4	11.7	44.1	68.2	-24.1	Peak	Vertical
*	7910.5	30.8	12.4	43.2	68.2	-25.0	Peak	Vertical
	8276.0	30.7	11.9	42.6	74.0	-31.4	Peak	Vertical
	9134.5	29.2	14.6	43.8	74.0	-30.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.2	11.5	42.7	68.2	-25.5	Peak	Horizontal
*	7910.5	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
	8276.0	31.8	11.9	43.7	74.0	-30.3	Peak	Horizontal
	9134.5	29.7	14.6	44.3	74.0	-29.7	Peak	Horizontal
*	7111.5	31.1	11.5	42.6	68.2	-25.6	Peak	Vertical
*	7876.5	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
	8352.5	30.1	12.0	42.1	74.0	-31.9	Peak	Vertical
	9338.5	30.6	14.6	45.2	74.0	-28.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	30.7	12.4	43.1	68.2	-25.1	Peak	Horizontal
*	8769.0	29.0	13.9	42.9	68.2	-25.3	Peak	Horizontal
	9092.0	28.5	14.4	42.9	74.0	-31.1	Peak	Horizontal
	11480.5	27.0	19.3	46.3	74.0	-27.7	Peak	Horizontal
*	7910.5	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
*	8658.5	30.1	13.6	43.7	68.2	-24.5	Peak	Vertical
	9134.5	30.0	14.6	44.6	74.0	-29.4	Peak	Vertical
	11684.5	27.3	19.2	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	31.3	12.5	43.8	68.2	-24.4	Peak	Horizontal
*	8811.5	29.6	14.0	43.6	68.2	-24.6	Peak	Horizontal
	9134.5	29.8	14.6	44.4	74.0	-29.6	Peak	Horizontal
	11786.5	27.7	18.8	46.5	74.0	-27.5	Peak	Horizontal
*	7111.5	31.5	11.5	43.0	68.2	-25.2	Peak	Vertical
*	7910.5	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
	8352.5	30.3	12.0	42.3	74.0	-31.7	Peak	Vertical
	9134.5	29.4	14.6	44.0	74.0	-30.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.6	11.3	41.9	68.2	-26.3	Peak	Horizontal
*	7876.5	30.8	12.4	43.2	68.2	-25.0	Peak	Horizontal
	8199.5	31.1	12.0	43.1	74.0	-30.9	Peak	Horizontal
	9092.0	28.8	14.4	43.2	74.0	-30.8	Peak	Horizontal
*	7077.5	31.4	11.3	42.7	68.2	-25.5	Peak	Vertical
*	7842.5	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
	8276.0	31.2	11.9	43.1	74.0	-30.9	Peak	Vertical
	9134.5	30.0	14.6	44.6	74.0	-29.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.8	11.5	43.3	68.2	-24.9	Peak	Horizontal
*	7842.5	30.8	12.4	43.2	68.2	-25.0	Peak	Horizontal
	8386.5	29.7	12.1	41.8	74.0	-32.2	Peak	Horizontal
	9134.5	28.8	14.6	43.4	74.0	-30.6	Peak	Horizontal
*	7077.5	30.7	11.3	42.0	68.2	-26.2	Peak	Vertical
*	7910.5	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
	8386.5	30.7	12.1	42.8	74.0	-31.2	Peak	Vertical
	9134.5	29.2	14.6	43.8	74.0	-30.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.1	11.3	41.4	68.2	-26.8	Peak	Horizontal
*	7910.5	30.7	12.4	43.1	68.2	-25.1	Peak	Horizontal
	8352.5	30.1	12.0	42.1	74.0	-31.9	Peak	Horizontal
	9092.0	28.3	14.4	42.7	74.0	-31.3	Peak	Horizontal
*	7077.5	30.7	11.3	42.0	68.2	-26.2	Peak	Vertical
*	7842.5	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
	8352.5	29.9	12.0	41.9	74.0	-32.1	Peak	Vertical
	9092.0	28.7	14.4	43.1	74.0	-30.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.8	11.7	43.5	68.2	-24.7	Peak	Horizontal
*	7910.5	29.9	12.4	42.3	68.2	-25.9	Peak	Horizontal
	8310.0	30.2	11.9	42.1	74.0	-31.9	Peak	Horizontal
	9177.0	29.6	14.7	44.3	74.0	-29.7	Peak	Horizontal
*	7111.5	30.4	11.5	41.9	68.2	-26.3	Peak	Vertical
*	7808.5	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
	8242.0	31.0	11.9	42.9	74.0	-31.1	Peak	Vertical
	9177.0	29.5	14.7	44.2	74.0	-29.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.3	11.5	41.8	68.2	-26.4	Peak	Horizontal
*	7910.5	30.5	12.4	42.9	68.2	-25.3	Peak	Horizontal
	8310.0	31.0	11.9	42.9	74.0	-31.1	Peak	Horizontal
	9177.0	29.3	14.7	44.0	74.0	-30.0	Peak	Horizontal
*	7111.5	31.5	11.5	43.0	68.2	-25.2	Peak	Vertical
*	7876.5	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
	8352.5	30.5	12.0	42.5	74.0	-31.5	Peak	Vertical
	9092.0	28.5	14.4	42.9	74.0	-31.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.6	11.7	42.3	68.2	-25.9	Peak	Horizontal
*	7876.5	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
	8276.0	31.1	11.9	43.0	74.0	-31.0	Peak	Horizontal
	9134.5	29.1	14.6	43.7	74.0	-30.3	Peak	Horizontal
*	7111.5	30.7	11.5	42.2	68.2	-26.0	Peak	Vertical
*	7910.5	29.9	12.4	42.3	68.2	-25.9	Peak	Vertical
	8386.5	30.1	12.1	42.2	74.0	-31.8	Peak	Vertical
	9092.0	28.5	14.4	42.9	74.0	-31.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.2	11.7	42.9	68.2	-25.3	Peak	Horizontal
*	7876.5	30.5	12.4	42.9	68.2	-25.3	Peak	Horizontal
	8276.0	30.5	11.9	42.4	74.0	-31.6	Peak	Horizontal
	9092.0	30.2	14.4	44.6	74.0	-29.4	Peak	Horizontal
*	7077.5	30.9	11.3	42.2	68.2	-26.0	Peak	Vertical
*	7876.5	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
	8276.0	31.1	11.9	43.0	74.0	-31.0	Peak	Vertical
	9134.5	29.4	14.6	44.0	74.0	-30.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.3	12.4	43.7	68.2	-24.5	Peak	Horizontal
*	8616.0	30.7	13.5	44.2	68.2	-24.0	Peak	Horizontal
	9177.0	30.5	14.7	45.2	74.0	-28.8	Peak	Horizontal
	11072.5	28.4	18.6	47.0	74.0	-27.0	Peak	Horizontal
*	7808.5	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8692.5	29.3	13.7	43.0	68.2	-25.2	Peak	Vertical
	9381.0	30.3	14.5	44.8	74.0	-29.2	Peak	Vertical
	11480.5	27.1	19.3	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	31.3	12.5	43.8	68.2	-24.4	Peak	Horizontal
*	8658.5	30.3	13.6	43.9	68.2	-24.3	Peak	Horizontal
	9134.5	29.0	14.6	43.6	74.0	-30.4	Peak	Horizontal
	11480.5	26.7	19.3	46.0	74.0	-28.0	Peak	Horizontal
*	7910.5	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8735.0	29.5	13.9	43.4	68.2	-24.8	Peak	Vertical
	9177.0	28.8	14.7	43.5	74.0	-30.5	Peak	Vertical
	11378.5	28.5	19.1	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7043.5	31.2	11.0	42.2	68.2	-26.0	Peak	Horizontal
*	7808.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
	8310.0	30.3	11.9	42.2	74.0	-31.8	Peak	Horizontal
	9177.0	30.3	14.7	45.0	74.0	-29.0	Peak	Horizontal
*	7009.5	32.0	10.7	42.7	68.2	-25.5	Peak	Vertical
*	8692.5	29.1	13.7	42.8	68.2	-25.4	Peak	Vertical
	9092.0	28.6	14.4	43.0	74.0	-31.0	Peak	Vertical
	11276.5	27.3	18.8	46.1	74.0	-27.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.9	11.7	42.6	68.2	-25.6	Peak	Horizontal
*	7808.5	31.3	12.4	43.7	68.2	-24.5	Peak	Horizontal
	8429.0	30.3	12.4	42.7	74.0	-31.3	Peak	Horizontal
	9049.5	29.1	14.2	43.3	74.0	-30.7	Peak	Horizontal
*	7842.5	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8692.5	29.2	13.7	42.9	68.2	-25.3	Peak	Vertical
	9092.0	28.5	14.4	42.9	74.0	-31.1	Peak	Vertical
	11582.5	26.3	19.5	45.8	74.0	-28.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
*	8692.5	30.2	13.7	43.9	68.2	-24.3	Peak	Horizontal
	9134.5	28.6	14.6	43.2	74.0	-30.8	Peak	Horizontal
	11846.0	25.8	18.7	44.5	74.0	-29.5	Peak	Horizontal
*	7876.5	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	8735.0	29.7	13.9	43.6	68.2	-24.6	Peak	Vertical
	9134.5	29.3	14.6	43.9	74.0	-30.1	Peak	Vertical
	11480.5	27.7	19.3	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 3	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.2	12.4	42.6	68.2	-25.6	Peak	Horizontal
*	8769.0	29.2	13.9	43.1	68.2	-25.1	Peak	Horizontal
	9177.0	29.1	14.7	43.8	74.0	-30.2	Peak	Horizontal
	11123.5	27.3	18.6	45.9	74.0	-28.1	Peak	Horizontal
*	7910.5	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
*	8658.5	31.0	13.6	44.6	68.2	-23.6	Peak	Vertical
	9134.5	29.2	14.6	43.8	74.0	-30.2	Peak	Vertical
	11276.5	27.2	18.8	46.0	74.0	-28.0	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 3	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.5	12.4	42.9	68.2	-25.3	Peak	Horizontal
*	8811.5	29.7	14.0	43.7	68.2	-24.5	Peak	Horizontal
	9177.0	29.3	14.7	44.0	74.0	-30.0	Peak	Horizontal
	11582.5	26.5	19.5	46.0	74.0	-28.0	Peak	Horizontal
*	7876.5	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
*	8658.5	30.0	13.6	43.6	68.2	-24.6	Peak	Vertical
	9134.5	29.9	14.6	44.5	74.0	-29.5	Peak	Vertical
	11633.5	26.5	19.4	45.9	74.0	-28.1	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 3	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.4	12.4	42.8	68.2	-25.4	Peak	Horizontal
*	8769.0	28.9	13.9	42.8	68.2	-25.4	Peak	Horizontal
	9092.0	28.8	14.4	43.2	74.0	-30.8	Peak	Horizontal
	11174.5	26.6	18.7	45.3	74.0	-28.7	Peak	Horizontal
*	7842.5	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
*	8658.5	30.7	13.6	44.3	68.2	-23.9	Peak	Vertical
	9134.5	28.6	14.6	43.2	74.0	-30.8	Peak	Vertical
	11174.5	27.5	18.7	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 3	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	30.6	12.5	43.1	68.2	-25.1	Peak	Horizontal
*	8658.5	30.4	13.6	44.0	68.2	-24.2	Peak	Horizontal
	9134.5	30.7	14.6	45.3	74.0	-28.7	Peak	Horizontal
	11378.5	27.6	19.1	46.7	74.0	-27.3	Peak	Horizontal
*	7910.5	31.1	12.4	43.5	68.2	-24.7	Peak	Vertical
*	8616.0	30.9	13.5	44.4	68.2	-23.8	Peak	Vertical
	9134.5	29.3	14.6	43.9	74.0	-30.1	Peak	Vertical
	11225.5	26.8	18.8	45.6	74.0	-28.4	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 3	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
*	8616.0	31.8	13.5	45.3	68.2	-22.9	Peak	Horizontal
	9177.0	30.0	14.7	44.7	74.0	-29.3	Peak	Horizontal
	11123.5	27.3	18.6	45.9	74.0	-28.1	Peak	Horizontal
*	7910.5	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
*	8658.5	30.4	13.6	44.0	68.2	-24.2	Peak	Vertical
	9134.5	29.1	14.6	43.7	74.0	-30.3	Peak	Vertical
	11633.5	27.5	19.4	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 3	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8735.0	29.6	13.9	43.5	68.2	-24.7	Peak	Horizontal
	9134.5	29.2	14.6	43.8	74.0	-30.2	Peak	Horizontal
	11276.5	27.1	18.8	45.9	74.0	-28.1	Peak	Horizontal
*	7910.5	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
*	8658.5	29.6	13.6	43.2	68.2	-25.0	Peak	Vertical
	9134.5	28.8	14.6	43.4	74.0	-30.6	Peak	Vertical
	10783.5	27.9	17.8	45.7	74.0	-28.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8658.5	29.8	13.6	43.4	68.2	-24.8	Peak	Horizontal
	9177.0	29.0	14.7	43.7	74.0	-30.3	Peak	Horizontal
	11276.5	27.4	18.8	46.2	74.0	-27.8	Peak	Horizontal
*	7876.5	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
*	8616.0	30.3	13.5	43.8	68.2	-24.4	Peak	Vertical
	9177.0	29.7	14.7	44.4	74.0	-29.6	Peak	Vertical
	11021.5	28.2	18.5	46.7	74.0	-27.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.8	12.4	43.2	68.2	-25.0	Peak	Horizontal
*	8658.5	30.1	13.6	43.7	68.2	-24.5	Peak	Horizontal
	9092.0	28.8	14.4	43.2	74.0	-30.8	Peak	Horizontal
	11276.5	27.6	18.8	46.4	74.0	-27.6	Peak	Horizontal
*	7876.5	29.9	12.4	42.3	68.2	-25.9	Peak	Vertical
*	8582.0	29.4	13.4	42.8	68.2	-25.4	Peak	Vertical
	9134.5	28.8	14.6	43.4	74.0	-30.6	Peak	Vertical
	11378.5	27.5	19.1	46.6	74.0	-27.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8616.0	30.6	13.5	44.1	68.2	-24.1	Peak	Horizontal
	9134.5	29.3	14.6	43.9	74.0	-30.1	Peak	Horizontal
	11378.5	27.8	19.1	46.9	74.0	-27.1	Peak	Horizontal
*	7910.5	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
*	8658.5	30.1	13.6	43.7	68.2	-24.5	Peak	Vertical
	9177.0	29.2	14.7	43.9	74.0	-30.1	Peak	Vertical
	11429.5	26.6	19.2	45.8	74.0	-28.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8505.5	31.1	12.9	44.0	68.2	-24.2	Peak	Horizontal
	9092.0	28.2	14.4	42.6	74.0	-31.4	Peak	Horizontal
	11174.5	28.3	18.7	47.0	74.0	-27.0	Peak	Horizontal
*	7876.5	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8616.0	30.0	13.5	43.5	68.2	-24.7	Peak	Vertical
	9134.5	29.0	14.6	43.6	74.0	-30.4	Peak	Vertical
	11174.5	27.5	18.7	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	30.1	12.5	42.6	68.2	-25.6	Peak	Horizontal
*	8582.0	29.0	13.4	42.4	68.2	-25.8	Peak	Horizontal
	9134.5	29.4	14.6	44.0	74.0	-30.0	Peak	Horizontal
	11174.5	26.5	18.7	45.2	74.0	-28.8	Peak	Horizontal
*	7842.5	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
*	8735.0	29.3	13.9	43.2	68.2	-25.0	Peak	Vertical
	9177.0	30.2	14.7	44.9	74.0	-29.1	Peak	Vertical
	11276.5	27.7	18.8	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 3	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	29.7	12.4	42.1	68.2	-26.1	Peak	Horizontal
*	8658.5	30.1	13.6	43.7	68.2	-24.5	Peak	Horizontal
	9134.5	28.5	14.6	43.1	74.0	-30.9	Peak	Horizontal
	11378.5	27.7	19.1	46.8	74.0	-27.2	Peak	Horizontal
*	7910.5	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
*	8667.0	30.9	13.6	44.5	68.2	-23.7	Peak	Vertical
	9134.5	28.4	14.6	43.0	74.0	-31.0	Peak	Vertical
	11361.5	28.7	19.0	47.7	74.0	-26.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	31.7	12.4	44.1	68.2	-24.1	Peak	Horizontal
*	8726.5	31.4	13.8	45.2	68.2	-23.0	Peak	Horizontal
	9092.0	29.3	14.4	43.7	74.0	-30.3	Peak	Horizontal
	10962.0	29.8	18.4	48.2	74.0	-25.8	Peak	Horizontal
*	7893.5	31.1	12.4	43.5	68.2	-24.7	Peak	Vertical
*	8616.0	30.3	13.5	43.8	68.2	-24.4	Peak	Vertical
	9126.0	30.0	14.6	44.6	74.0	-29.4	Peak	Vertical
	11744.0	28.9	18.9	47.8	74.0	-26.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	31.9	12.4	44.3	68.2	-23.9	Peak	Horizontal
*	8667.0	30.7	13.6	44.3	68.2	-23.9	Peak	Horizontal
	9185.5	30.5	14.7	45.2	74.0	-28.8	Peak	Horizontal
	11684.5	28.3	19.2	47.5	74.0	-26.5	Peak	Horizontal
*	7817.0	31.8	12.4	44.2	68.2	-24.0	Peak	Vertical
*	8709.5	30.8	13.8	44.6	68.2	-23.6	Peak	Vertical
	9092.0	28.9	14.4	43.3	74.0	-30.7	Peak	Vertical
	10919.5	28.5	18.4	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	32.8	12.5	45.3	68.2	-22.9	Peak	Horizontal
*	8667.0	31.2	13.6	44.8	68.2	-23.4	Peak	Horizontal
	9134.5	29.5	14.6	44.1	74.0	-29.9	Peak	Horizontal
	11310.5	28.5	18.9	47.4	74.0	-26.6	Peak	Horizontal
*	7944.5	31.4	12.5	43.9	68.2	-24.3	Peak	Vertical
*	8735.0	29.2	13.9	43.1	68.2	-25.1	Peak	Vertical
	9151.5	29.4	14.7	44.1	74.0	-29.9	Peak	Vertical
	11540.0	28.9	19.4	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.

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

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

Test Mode:	802.11n-HT40 - Ant 3	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7800.0	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8684.0	29.2	13.7	42.9	68.2	-25.3	Peak	Horizontal
	9092.0	28.1	14.4	42.5	74.0	-31.5	Peak	Horizontal
	11378.5	27.3	19.1	46.4	74.0	-27.6	Peak	Horizontal
*	8624.5	30.8	13.5	44.3	68.2	-23.9	Peak	Vertical
*	9202.5	30.4	14.8	45.2	68.2	-23.0	Peak	Vertical
	10639.0	28.2	17.4	45.6	74.0	-28.4	Peak	Vertical
	11480.5	28.0	19.3	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 3	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8701.0	29.1	13.8	42.9	68.2	-25.3	Peak	Horizontal
*	9270.5	29.8	14.7	44.5	68.2	-23.7	Peak	Horizontal
	10732.5	28.4	17.6	46.0	74.0	-28.0	Peak	Horizontal
	11446.5	26.7	19.2	45.9	74.0	-28.1	Peak	Horizontal
*	7825.5	31.8	12.4	44.2	68.2	-24.0	Peak	Vertical
*	8607.5	30.2	13.5	43.7	68.2	-24.5	Peak	Vertical
	9177.0	28.9	14.7	43.6	74.0	-30.4	Peak	Vertical
	11072.5	27.9	18.6	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 3	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	30.7	13.6	44.3	68.2	-23.9	Peak	Horizontal
*	9823.0	29.2	15.6	44.8	68.2	-23.4	Peak	Horizontal
	10639.0	28.4	17.4	45.8	74.0	-28.2	Peak	Horizontal
	11948.0	27.8	18.6	46.4	74.0	-27.6	Peak	Horizontal
*	7808.5	29.8	12.4	42.2	68.2	-26.0	Peak	Vertical
*	8735.0	30.2	13.9	44.1	68.2	-24.1	Peak	Vertical
	9177.0	29.4	14.7	44.1	74.0	-29.9	Peak	Vertical
	10928.0	27.2	18.4	45.6	74.0	-28.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 3	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8675.5	30.8	13.7	44.5	68.2	-23.7	Peak	Horizontal
	9177.0	29.1	14.7	43.8	74.0	-30.2	Peak	Horizontal
	11123.5	27.3	18.6	45.9	74.0	-28.1	Peak	Horizontal
*	7842.5	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
*	8616.0	30.7	13.5	44.2	68.2	-24.0	Peak	Vertical
	9134.5	29.4	14.6	44.0	74.0	-30.0	Peak	Vertical
	11480.5	26.7	19.3	46.0	74.0	-28.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 3	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	30.4	12.4	42.8	68.2	-25.4	Peak	Horizontal
*	8650.0	30.8	13.6	44.4	68.2	-23.8	Peak	Horizontal
	9134.5	30.1	14.6	44.7	74.0	-29.3	Peak	Horizontal
	11684.5	26.9	19.2	46.1	74.0	-27.9	Peak	Horizontal
*	7808.5	30.8	12.4	43.2	68.2	-25.0	Peak	Vertical
*	8624.5	30.8	13.5	44.3	68.2	-23.9	Peak	Vertical
	9092.0	29.2	14.4	43.6	74.0	-30.4	Peak	Vertical
	11489.0	27.7	19.3	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 3	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	30.7	12.4	43.1	68.2	-25.1	Peak	Horizontal
*	8633.0	31.1	13.5	44.6	68.2	-23.6	Peak	Horizontal
	9177.0	29.5	14.7	44.2	74.0	-29.8	Peak	Horizontal
	11191.5	26.5	18.7	45.2	74.0	-28.8	Peak	Horizontal
*	7808.5	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8752.0	29.7	13.9	43.6	68.2	-24.6	Peak	Vertical
	9100.5	29.3	14.4	43.7	74.0	-30.3	Peak	Vertical
	11446.5	27.2	19.2	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 3	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	32.1	12.4	44.5	68.2	-23.7	Peak	Horizontal
*	8684.0	29.7	13.7	43.4	68.2	-24.8	Peak	Horizontal
	9185.5	30.5	14.7	45.2	74.0	-28.8	Peak	Horizontal
	11591.0	25.8	19.5	45.3	74.0	-28.7	Peak	Horizontal
*	7842.5	31.1	12.4	43.5	68.2	-24.7	Peak	Vertical
*	8675.5	30.0	13.7	43.7	68.2	-24.5	Peak	Vertical
	9177.0	29.3	14.7	44.0	74.0	-30.0	Peak	Vertical
	11582.5	27.5	19.5	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 3	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7851.0	30.5	12.4	42.9	68.2	-25.3	Peak	Horizontal
*	8743.5	30.9	13.9	44.8	68.2	-23.4	Peak	Horizontal
	9177.0	29.8	14.7	44.5	74.0	-29.5	Peak	Horizontal
	11106.5	27.3	18.6	45.9	74.0	-28.1	Peak	Horizontal
*	7842.5	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8743.5	30.3	13.9	44.2	68.2	-24.0	Peak	Vertical
	9109.0	30.4	14.5	44.9	74.0	-29.1	Peak	Vertical
	11812.0	27.8	18.7	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 3	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	30.4	12.4	42.8	68.2	-25.4	Peak	Horizontal
*	8777.5	29.1	13.9	43.0	68.2	-25.2	Peak	Horizontal
	9109.0	29.7	14.5	44.2	74.0	-29.8	Peak	Horizontal
	11438.0	27.0	19.2	46.2	74.0	-27.8	Peak	Horizontal
*	7842.5	32.2	12.4	44.6	68.2	-23.6	Peak	Vertical
*	8803.0	31.2	14.0	45.2	68.2	-23.0	Peak	Vertical
	9092.0	29.3	14.4	43.7	74.0	-30.3	Peak	Vertical
	11633.5	28.3	19.4	47.7	74.0	-26.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 3	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8667.0	31.5	13.6	45.1	68.2	-23.1	Peak	Horizontal
	9143.0	29.1	14.6	43.7	74.0	-30.3	Peak	Horizontal
	11888.5	26.1	18.6	44.7	74.0	-29.3	Peak	Horizontal
*	7842.5	31.0	12.4	43.4	68.2	-24.8	Peak	Vertical
*	8752.0	30.2	13.9	44.1	68.2	-24.1	Peak	Vertical
	9151.5	29.3	14.7	44.0	74.0	-30.0	Peak	Vertical
	11446.5	27.8	19.2	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 3	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.4	12.4	43.8	68.2	-24.4	Peak	Horizontal
*	8633.0	31.8	13.5	45.3	68.2	-22.9	Peak	Horizontal
	9168.5	30.1	14.7	44.8	74.0	-29.2	Peak	Horizontal
	11174.5	28.1	18.7	46.8	74.0	-27.2	Peak	Horizontal
*	7936.0	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8735.0	29.1	13.9	43.0	68.2	-25.2	Peak	Vertical
	9134.5	29.2	14.6	43.8	74.0	-30.2	Peak	Vertical
	11302.0	27.5	18.9	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 3	Test Site:	AC1
Test Channel:	42	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7936.0	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8692.5	29.4	13.7	43.1	68.2	-25.1	Peak	Horizontal
	9177.0	29.6	14.7	44.3	74.0	-29.7	Peak	Horizontal
	12118.0	25.6	18.9	44.5	74.0	-29.5	Peak	Horizontal
*	7893.5	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
*	8684.0	31.1	13.7	44.8	68.2	-23.4	Peak	Vertical
	9177.0	29.4	14.7	44.1	74.0	-29.9	Peak	Vertical
	11123.5	27.4	18.6	46.0	74.0	-28.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 3	Test Site:	AC1
Test Channel:	155	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
*	8769.0	29.2	13.9	43.1	68.2	-25.1	Peak	Horizontal
	9160.0	28.5	14.7	43.2	74.0	-30.8	Peak	Horizontal
	11183.0	27.8	18.7	46.5	74.0	-27.5	Peak	Horizontal
*	7885.0	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
*	8692.5	30.1	13.7	43.8	68.2	-24.4	Peak	Vertical
	9109.0	29.2	14.5	43.7	74.0	-30.3	Peak	Vertical
	11735.5	27.2	19.0	46.2	74.0	-27.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	30.9	12.4	43.3	68.2	-24.9	Peak	Horizontal
*	8616.0	30.5	13.5	44.0	68.2	-24.2	Peak	Horizontal
	9109.0	29.7	14.5	44.2	74.0	-29.8	Peak	Horizontal
	11905.5	26.0	18.6	44.6	74.0	-29.4	Peak	Horizontal
*	7834.0	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
*	8718.0	30.2	13.8	44.0	68.2	-24.2	Peak	Vertical
	9177.0	28.7	14.7	43.4	74.0	-30.6	Peak	Vertical
	11106.5	26.9	18.6	45.5	74.0	-28.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7902.0	29.9	12.4	42.3	68.2	-25.9	Peak	Horizontal
*	8692.5	29.1	13.7	42.8	68.2	-25.4	Peak	Horizontal
	9134.5	29.6	14.6	44.2	74.0	-29.8	Peak	Horizontal
	11072.5	28.1	18.6	46.7	74.0	-27.3	Peak	Horizontal
*	7834.0	31.5	12.4	43.9	68.2	-24.3	Peak	Vertical
*	8658.5	30.0	13.6	43.6	68.2	-24.6	Peak	Vertical
	9134.5	29.7	14.6	44.3	74.0	-29.7	Peak	Vertical
	11183.0	27.8	18.7	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8658.5	30.3	13.6	43.9	68.2	-24.3	Peak	Horizontal
	9177.0	28.8	14.7	43.5	74.0	-30.5	Peak	Horizontal
	11395.5	26.3	19.1	45.4	74.0	-28.6	Peak	Horizontal
*	7893.5	29.8	12.4	42.2	68.2	-26.0	Peak	Vertical
*	8692.5	30.2	13.7	43.9	68.2	-24.3	Peak	Vertical
	9168.5	30.3	14.7	45.0	74.0	-29.0	Peak	Vertical
	11276.5	26.9	18.8	45.7	74.0	-28.3	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	30.5	12.4	42.9	68.2	-25.3	Peak	Horizontal
*	8616.0	30.7	13.5	44.2	68.2	-24.0	Peak	Horizontal
	9100.5	29.6	14.4	44.0	74.0	-30.0	Peak	Horizontal
	11387.0	27.7	19.1	46.8	74.0	-27.2	Peak	Horizontal
*	7868.0	29.6	12.4	42.0	68.2	-26.2	Peak	Vertical
*	8658.5	32.6	13.6	46.2	68.2	-22.0	Peak	Vertical
	9126.0	29.6	14.6	44.2	74.0	-29.8	Peak	Vertical
	11803.5	26.4	18.7	45.1	74.0	-28.9	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	30.5	12.4	42.9	68.2	-25.3	Peak	Horizontal
*	8667.0	30.6	13.6	44.2	68.2	-24.0	Peak	Horizontal
	9100.5	29.1	14.4	43.5	74.0	-30.5	Peak	Horizontal
	11863.0	25.9	18.7	44.6	74.0	-29.4	Peak	Horizontal
*	7859.5	29.9	12.4	42.3	68.2	-25.9	Peak	Vertical
*	8692.5	29.3	13.7	43.0	68.2	-25.2	Peak	Vertical
	9177.0	29.4	14.7	44.1	74.0	-29.9	Peak	Vertical
	11421.0	26.1	19.1	45.2	74.0	-28.8	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7868.0	29.5	12.4	41.9	68.2	-26.3	Peak	Horizontal
*	8735.0	30.0	13.9	43.9	68.2	-24.3	Peak	Horizontal
	9177.0	30.1	14.7	44.8	74.0	-29.2	Peak	Horizontal
	11123.5	27.1	18.6	45.7	74.0	-28.3	Peak	Horizontal
*	7876.5	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	8769.0	30.1	13.9	44.0	68.2	-24.2	Peak	Vertical
	9177.0	29.9	14.7	44.6	74.0	-29.4	Peak	Vertical
	11174.5	27.1	18.7	45.8	74.0	-28.2	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7851.0	29.9	12.4	42.3	68.2	-25.9	Peak	Horizontal
*	8701.0	28.9	13.8	42.7	68.2	-25.5	Peak	Horizontal
	9134.5	28.8	14.6	43.4	74.0	-30.6	Peak	Horizontal
	11931.0	27.4	18.6	46.0	74.0	-28.0	Peak	Horizontal
*	7834.0	32.0	12.4	44.4	68.2	-23.8	Peak	Vertical
*	8667.0	31.1	13.6	44.7	68.2	-23.5	Peak	Vertical
	9134.5	29.0	14.6	43.6	74.0	-30.4	Peak	Vertical
	11429.5	26.7	19.2	45.9	74.0	-28.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.8	12.4	43.2	68.2	-25.0	Peak	Horizontal
*	8675.5	31.9	13.7	45.6	68.2	-22.6	Peak	Horizontal
	9151.5	29.1	14.7	43.8	74.0	-30.2	Peak	Horizontal
	11761.0	26.3	18.9	45.2	74.0	-28.8	Peak	Horizontal
*	7876.5	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
*	8616.0	30.7	13.5	44.2	68.2	-24.0	Peak	Vertical
	9134.5	28.8	14.6	43.4	74.0	-30.6	Peak	Vertical
	11514.5	28.5	19.4	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
*	8675.5	30.6	13.7	44.3	68.2	-23.9	Peak	Horizontal
	9134.5	28.7	14.6	43.3	74.0	-30.7	Peak	Horizontal
	11429.5	26.8	19.2	46.0	74.0	-28.0	Peak	Horizontal
*	7902.0	29.9	12.4	42.3	68.2	-25.9	Peak	Vertical
*	8675.5	30.5	13.7	44.2	68.2	-24.0	Peak	Vertical
	9168.5	30.3	14.7	45.0	74.0	-29.0	Peak	Vertical
	11123.5	26.6	18.6	45.2	74.0	-28.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
*	8616.0	30.6	13.5	44.1	68.2	-24.1	Peak	Horizontal
	9134.5	30.7	14.6	45.3	74.0	-28.7	Peak	Horizontal
	11633.5	27.1	19.4	46.5	74.0	-27.5	Peak	Horizontal
*	7910.5	30.1	12.4	42.5	68.2	-25.7	Peak	Vertical
*	8692.5	29.0	13.7	42.7	68.2	-25.5	Peak	Vertical
	9177.0	29.4	14.7	44.1	74.0	-29.9	Peak	Vertical
	11140.5	28.9	18.7	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7868.0	30.4	12.4	42.8	68.2	-25.4	Peak	Horizontal
*	8616.0	30.5	13.5	44.0	68.2	-24.2	Peak	Horizontal
	9126.0	30.2	14.6	44.8	74.0	-29.2	Peak	Horizontal
	11846.0	26.0	18.7	44.7	74.0	-29.3	Peak	Horizontal
*	7876.5	29.5	12.4	41.9	68.2	-26.3	Peak	Vertical
*	8786.0	29.0	13.9	42.9	68.2	-25.3	Peak	Vertical
	9160.0	28.8	14.7	43.5	74.0	-30.5	Peak	Vertical
	11327.5	28.5	18.9	47.4	74.0	-26.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	30.5	12.4	42.9	68.2	-25.3	Peak	Horizontal
*	8692.5	30.4	13.7	44.1	68.2	-24.1	Peak	Horizontal
	9143.0	29.9	14.6	44.5	74.0	-29.5	Peak	Horizontal
	11429.5	26.4	19.2	45.6	74.0	-28.4	Peak	Horizontal
*	7842.5	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	8658.5	30.8	13.6	44.4	68.2	-23.8	Peak	Vertical
	9100.5	29.6	14.4	44.0	74.0	-30.0	Peak	Vertical
	11591.0	26.0	19.5	45.5	74.0	-28.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
*	8616.0	30.4	13.5	43.9	68.2	-24.3	Peak	Horizontal
	9126.0	29.4	14.6	44.0	74.0	-30.0	Peak	Horizontal
	11327.5	27.9	18.9	46.8	74.0	-27.2	Peak	Horizontal
*	7876.5	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
*	8811.5	30.0	14.0	44.0	68.2	-24.2	Peak	Vertical
	9134.5	28.9	14.6	43.5	74.0	-30.5	Peak	Vertical
	11421.0	26.5	19.1	45.6	74.0	-28.4	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	30.8	12.4	43.2	68.2	-25.0	Peak	Horizontal
*	8616.0	31.7	13.5	45.2	68.2	-23.0	Peak	Horizontal
	9160.0	30.5	14.7	45.2	74.0	-28.8	Peak	Horizontal
	11421.0	26.0	19.1	45.1	74.0	-28.9	Peak	Horizontal
*	7902.0	29.9	12.4	42.3	68.2	-25.9	Peak	Vertical
*	8811.5	30.1	14.0	44.1	68.2	-24.1	Peak	Vertical
	9151.5	30.2	14.7	44.9	74.0	-29.1	Peak	Vertical
	11276.5	26.4	18.8	45.2	74.0	-28.8	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
*	8667.0	30.7	13.6	44.3	68.2	-23.9	Peak	Horizontal
	9185.5	29.5	14.7	44.2	74.0	-29.8	Peak	Horizontal
	11030.0	28.0	18.5	46.5	74.0	-27.5	Peak	Horizontal
*	7817.0	31.0	12.4	43.4	68.2	-24.8	Peak	Vertical
*	8658.5	30.1	13.6	43.7	68.2	-24.5	Peak	Vertical
	9134.5	30.0	14.6	44.6	74.0	-29.4	Peak	Vertical
	11149.0	26.6	18.7	45.3	74.0	-28.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
*	8769.0	29.5	13.9	43.4	68.2	-24.8	Peak	Horizontal
	9134.5	28.6	14.6	43.2	74.0	-30.8	Peak	Horizontal
	11387.0	26.9	19.1	46.0	74.0	-28.0	Peak	Horizontal
*	7885.0	29.7	12.4	42.1	68.2	-26.1	Peak	Vertical
*	8624.5	31.0	13.5	44.5	68.2	-23.7	Peak	Vertical
	9160.0	29.5	14.7	44.2	74.0	-29.8	Peak	Vertical
	11123.5	26.9	18.6	45.5	74.0	-28.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	36	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8735.0	29.8	13.9	43.7	68.2	-24.5	Peak	Horizontal
	9177.0	29.6	14.7	44.3	74.0	-29.7	Peak	Horizontal
	11540.0	26.5	19.4	45.9	74.0	-28.1	Peak	Horizontal
*	7808.5	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
*	8616.0	30.2	13.5	43.7	68.2	-24.5	Peak	Vertical
	9100.5	29.9	14.4	44.3	74.0	-29.7	Peak	Vertical
	11438.0	26.2	19.2	45.4	74.0	-28.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.1	12.4	42.5	68.2	-25.7	Peak	Horizontal
*	8692.5	29.4	13.7	43.1	68.2	-25.1	Peak	Horizontal
	9177.0	28.6	14.7	43.3	74.0	-30.7	Peak	Horizontal
	11429.5	26.3	19.2	45.5	74.0	-28.5	Peak	Horizontal
*	7885.0	29.8	12.4	42.2	68.2	-26.0	Peak	Vertical
*	8735.0	30.2	13.9	44.1	68.2	-24.1	Peak	Vertical
	9134.5	29.7	14.6	44.3	74.0	-29.7	Peak	Vertical
	11276.5	27.7	18.8	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.4	12.4	43.8	68.2	-24.4	Peak	Horizontal
*	8658.5	30.9	13.6	44.5	68.2	-23.7	Peak	Horizontal
	9177.0	29.2	14.7	43.9	74.0	-30.1	Peak	Horizontal
	11021.5	27.8	18.5	46.3	74.0	-27.7	Peak	Horizontal
*	7808.5	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8692.5	29.5	13.7	43.2	68.2	-25.0	Peak	Vertical
	9177.0	30.4	14.7	45.1	74.0	-28.9	Peak	Vertical
	11506.0	28.2	19.4	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	30.4	12.4	42.8	68.2	-25.4	Peak	Horizontal
*	8616.0	29.8	13.5	43.3	68.2	-24.9	Peak	Horizontal
	9134.5	29.9	14.6	44.5	74.0	-29.5	Peak	Horizontal
	11540.0	27.0	19.4	46.4	74.0	-27.6	Peak	Horizontal
*	7876.5	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	8692.5	29.3	13.7	43.0	68.2	-25.2	Peak	Vertical
	9134.5	29.1	14.6	43.7	74.0	-30.3	Peak	Vertical
	11591.0	26.2	19.5	45.7	74.0	-28.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	30.1	12.4	42.5	68.2	-25.7	Peak	Horizontal
*	8777.5	30.0	13.9	43.9	68.2	-24.3	Peak	Horizontal
	9177.0	29.0	14.7	43.7	74.0	-30.3	Peak	Horizontal
	11531.5	26.7	19.4	46.1	74.0	-27.9	Peak	Horizontal
*	7808.5	31.0	12.4	43.4	68.2	-24.8	Peak	Vertical
*	8675.5	30.9	13.7	44.6	68.2	-23.6	Peak	Vertical
	9134.5	29.5	14.6	44.1	74.0	-29.9	Peak	Vertical
	11327.5	28.7	18.9	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	31.3	12.4	43.7	68.2	-24.5	Peak	Horizontal
*	8607.5	30.8	13.5	44.3	68.2	-23.9	Peak	Horizontal
	9134.5	29.9	14.6	44.5	74.0	-29.5	Peak	Horizontal
	11582.5	26.2	19.5	45.7	74.0	-28.3	Peak	Horizontal
*	7902.0	32.6	12.4	45.0	68.2	-23.2	Peak	Vertical
*	8735.0	30.2	13.9	44.1	68.2	-24.1	Peak	Vertical
	9338.5	31.3	14.6	45.9	74.0	-28.1	Peak	Vertical
	11642.0	28.6	19.4	48.0	74.0	-26.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8726.5	30.8	13.8	44.6	68.2	-23.6	Peak	Horizontal
	9338.5	31.2	14.6	45.8	74.0	-28.2	Peak	Horizontal
	11004.5	30.2	18.5	48.7	74.0	-25.3	Peak	Horizontal
*	7817.0	29.8	12.4	42.2	68.2	-26.0	Peak	Vertical
*	8658.5	29.5	13.6	43.1	68.2	-25.1	Peak	Vertical
	9134.5	29.4	14.6	44.0	74.0	-30.0	Peak	Vertical
	11557.0	25.6	19.5	45.1	74.0	-28.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7817.0	31.5	12.4	43.9	68.2	-24.3	Peak	Horizontal
*	8718.0	31.3	13.8	45.1	68.2	-23.1	Peak	Horizontal
	9100.5	31.4	14.4	45.8	74.0	-28.2	Peak	Horizontal
	11123.5	28.3	18.6	46.9	74.0	-27.1	Peak	Horizontal
*	7859.5	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
*	8667.0	28.6	13.6	42.2	68.2	-26.0	Peak	Vertical
	9134.5	28.1	14.6	42.7	74.0	-31.3	Peak	Vertical
	11829.0	25.1	18.7	43.8	74.0	-30.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	28.7	12.4	41.1	68.2	-27.1	Peak	Horizontal
*	8786.0	27.8	13.9	41.7	68.2	-26.5	Peak	Horizontal
	9177.0	28.2	14.7	42.9	74.0	-31.1	Peak	Horizontal
	11387.0	25.8	19.1	44.9	74.0	-29.1	Peak	Horizontal
*	7842.5	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
*	8828.5	30.7	14.0	44.7	68.2	-23.5	Peak	Vertical
	9168.5	29.0	14.7	43.7	74.0	-30.3	Peak	Vertical
	11429.5	25.2	19.2	44.4	74.0	-29.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	29.8	12.4	42.2	68.2	-26.0	Peak	Horizontal
*	8692.5	29.4	13.7	43.1	68.2	-25.1	Peak	Horizontal
	9134.5	28.0	14.6	42.6	74.0	-31.4	Peak	Horizontal
	11191.5	25.6	18.7	44.3	74.0	-29.7	Peak	Horizontal
*	7800.0	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
*	8658.5	30.0	13.6	43.6	68.2	-24.6	Peak	Vertical
	9134.5	29.1	14.6	43.7	74.0	-30.3	Peak	Vertical
	11140.5	27.8	18.7	46.5	74.0	-27.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	42	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7936.0	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8616.0	30.2	13.5	43.7	68.2	-24.5	Peak	Horizontal
	9160.0	28.5	14.7	43.2	74.0	-30.8	Peak	Horizontal
	11599.5	25.3	19.4	44.7	74.0	-29.3	Peak	Horizontal
*	7834.0	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
*	8667.0	28.6	13.6	42.2	68.2	-26.0	Peak	Vertical
	9126.0	30.0	14.6	44.6	74.0	-29.4	Peak	Vertical
	11336.0	26.9	19.0	45.9	74.0	-28.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	155	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	29.3	12.4	41.7	68.2	-26.5	Peak	Horizontal
*	8658.5	29.3	13.6	42.9	68.2	-25.3	Peak	Horizontal
	9134.5	28.8	14.6	43.4	74.0	-30.6	Peak	Horizontal
	11089.5	26.3	18.6	44.9	74.0	-29.1	Peak	Horizontal
*	7893.5	31.1	12.4	43.5	68.2	-24.7	Peak	Vertical
*	8616.0	31.3	13.5	44.8	68.2	-23.4	Peak	Vertical
	9151.5	30.4	14.7	45.1	74.0	-28.9	Peak	Vertical
	11089.5	28.6	18.6	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 + 2 + 3	Test Site:	AC1
Test Channel:	42 + 155	Test Engineer:	Kevin Ker
Antenna Model No.	Galtronics Small Omni Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7460.0	31.3	12.8	44.1	74.0	-29.9	Peak	Horizontal
*	8335.5	32.4	11.9	44.3	74.0	-29.7	Peak	Horizontal
	8820.0	31.9	14.0	45.9	68.2	-22.3	Peak	Horizontal
	10197.0	30.6	16.2	46.8	68.2	-21.4	Peak	Horizontal
*	7460.0	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
*	8335.5	32.4	11.9	44.3	74.0	-29.7	Peak	Vertical
	8820.0	31.9	14.0	45.9	68.2	-22.3	Peak	Vertical
	10197.0	30.6	16.2	46.8	68.2	-21.4	Peak	Vertical

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

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

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

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 – 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

For 15.407(b) requirement:

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

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

Refer to KDB 789033 D02v01r03 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

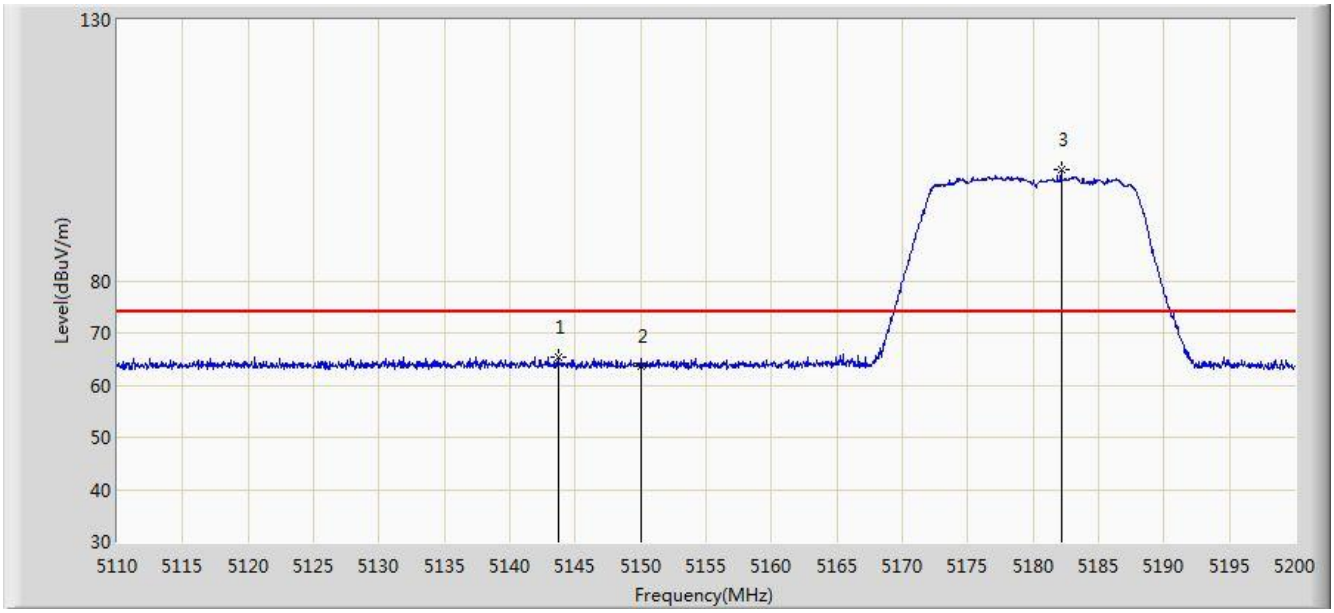
both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

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

Site: AC1	Time: 2017/03/21 - 13:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

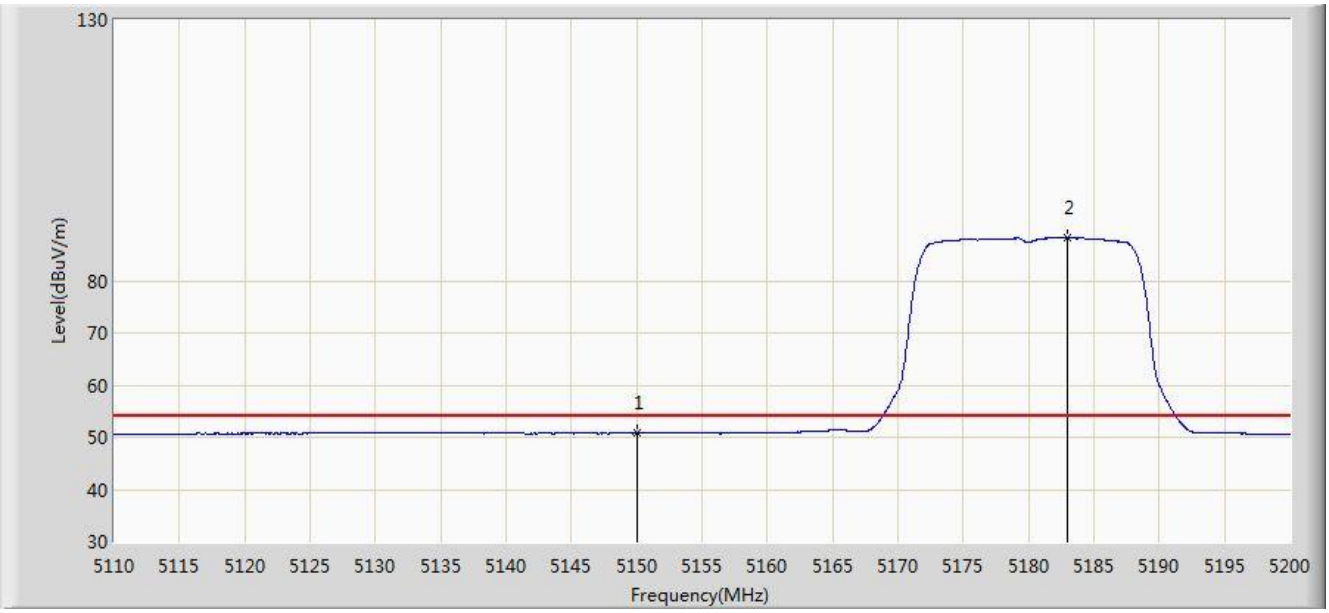


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.705	65.501	26.055	-8.499	74.000	39.445	PK
2			5150.000	63.751	24.310	-10.249	74.000	39.442	PK
3		*	5182.135	101.357	61.993	N/A	N/A	39.364	PK

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

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

Site: AC1	Time: 2017/03/21 - 14:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

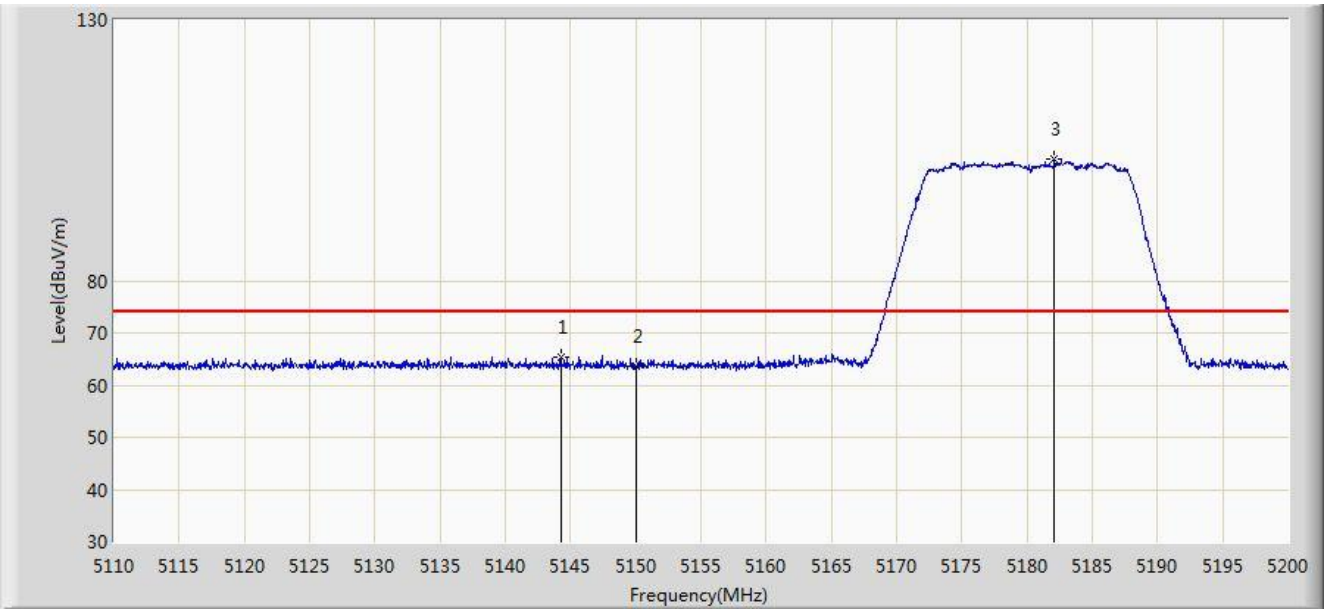


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.775	11.334	-3.225	54.000	39.442	AV
2		*	5182.990	88.372	49.010	N/A	N/A	39.362	AV

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

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

Site: AC1	Time: 2017/03/21 - 14:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

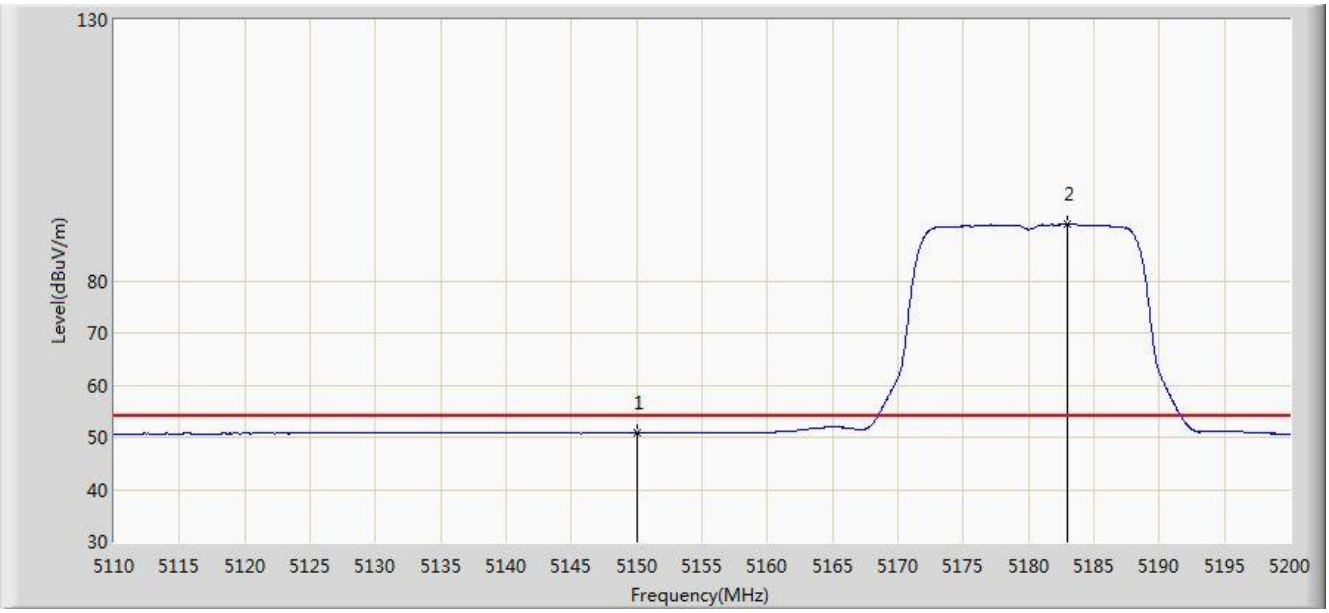


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.245	65.297	25.851	-8.703	74.000	39.446	PK
2			5150.000	63.535	24.094	-10.465	74.000	39.442	PK
3		*	5182.090	103.385	64.021	N/A	N/A	39.364	PK

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

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

Site: AC1	Time: 2017/03/21 - 14:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

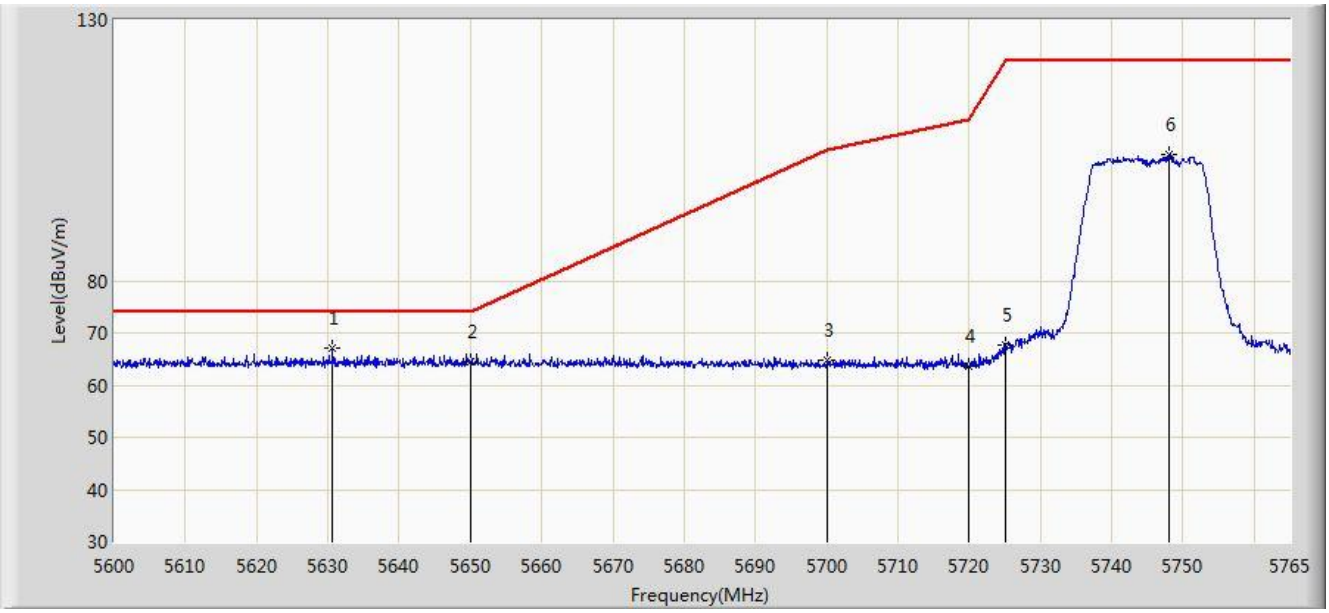


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.844	11.403	-3.156	54.000	39.442	AV
2		*	5182.990	90.966	51.604	N/A	N/A	39.362	AV

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

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

Site: AC1	Time: 2017/03/21 - 14:29
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0	

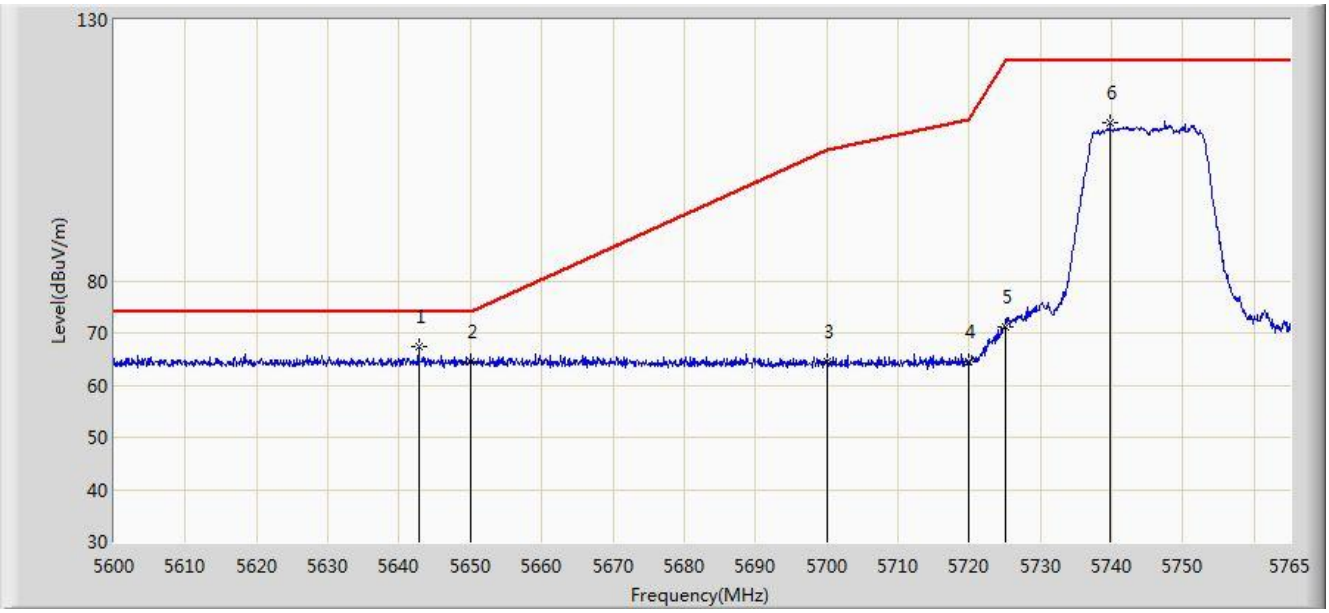


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5630.690	67.186	27.295	-6.814	74.000	39.891	PK
2			5650.000	64.528	24.599	-9.472	74.000	39.929	PK
3			5700.000	64.639	24.582	-40.561	105.200	40.057	PK
4			5720.000	63.506	23.365	-47.294	110.800	40.141	PK
5			5725.000	67.615	27.451	-54.585	122.200	40.164	PK
6			5748.087	104.178	63.910	N/A	N/A	40.267	PK

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

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

Site: AC1	Time: 2017/03/21 - 14:32
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0	

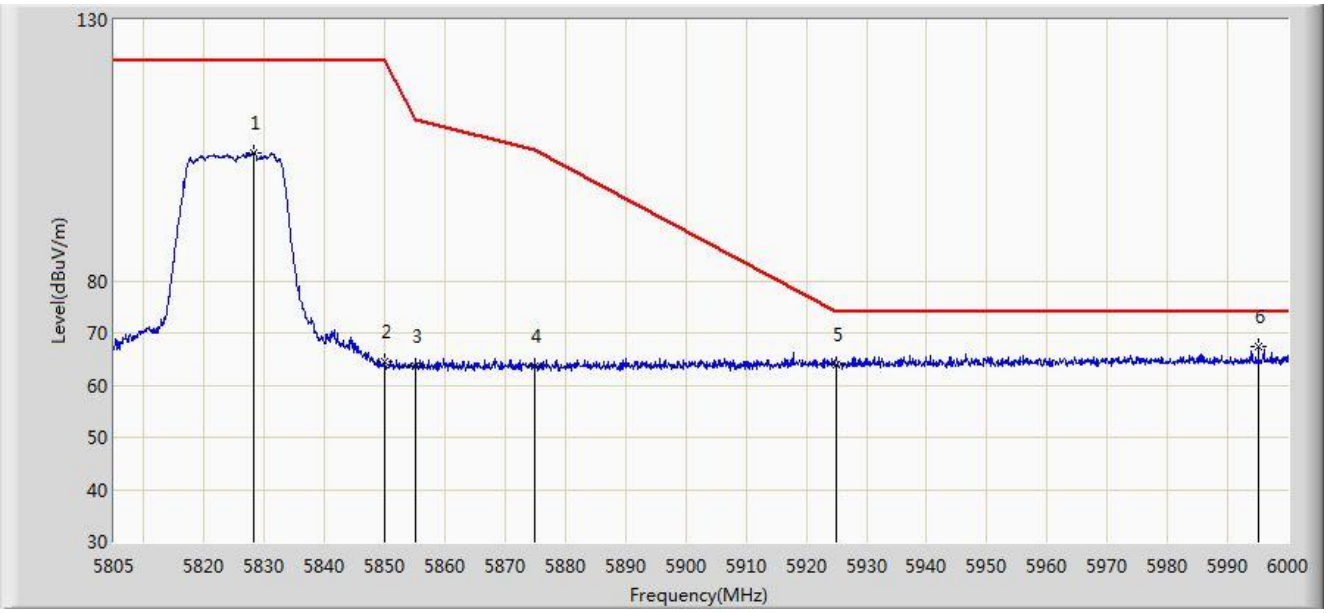


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5642.735	67.292	27.378	-6.708	74.000	39.913	PK
2			5650.000	64.479	24.550	-9.521	74.000	39.929	PK
3			5700.000	64.587	24.530	-40.613	105.200	40.057	PK
4			5720.000	64.378	24.237	-46.422	110.800	40.141	PK
5			5725.000	71.194	31.030	-51.006	122.200	40.164	PK
6			5739.755	110.318	70.086	N/A	N/A	40.232	PK

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

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

Site: AC1	Time: 2017/03/21 - 14:34
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0	

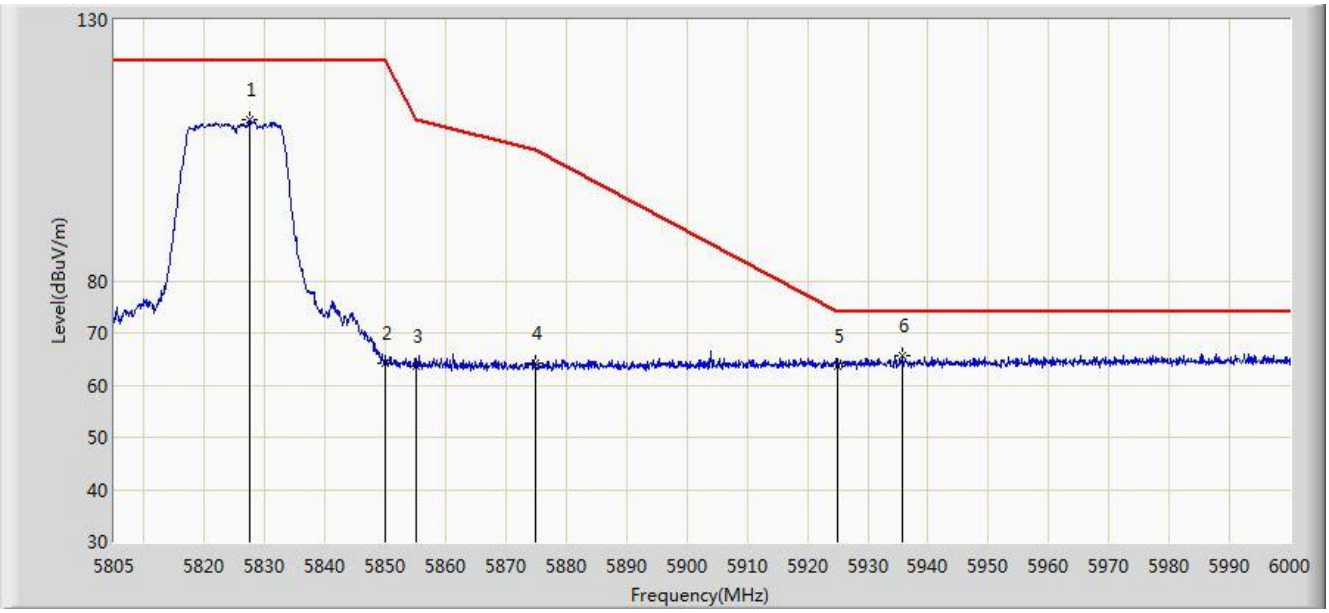


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5828.205	104.588	64.006	N/A	N/A	40.582	PK
2			5850.000	64.389	23.723	-57.811	122.200	40.666	PK
3			5855.000	63.722	23.044	-47.078	110.800	40.678	PK
4			5875.000	63.569	22.849	-41.631	105.200	40.720	PK
5			5925.000	64.050	23.258	-9.950	74.000	40.792	PK
6		*	5995.125	67.333	26.495	-6.667	74.000	40.838	PK

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

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

Site: AC1	Time: 2017/03/21 - 14:37
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0	

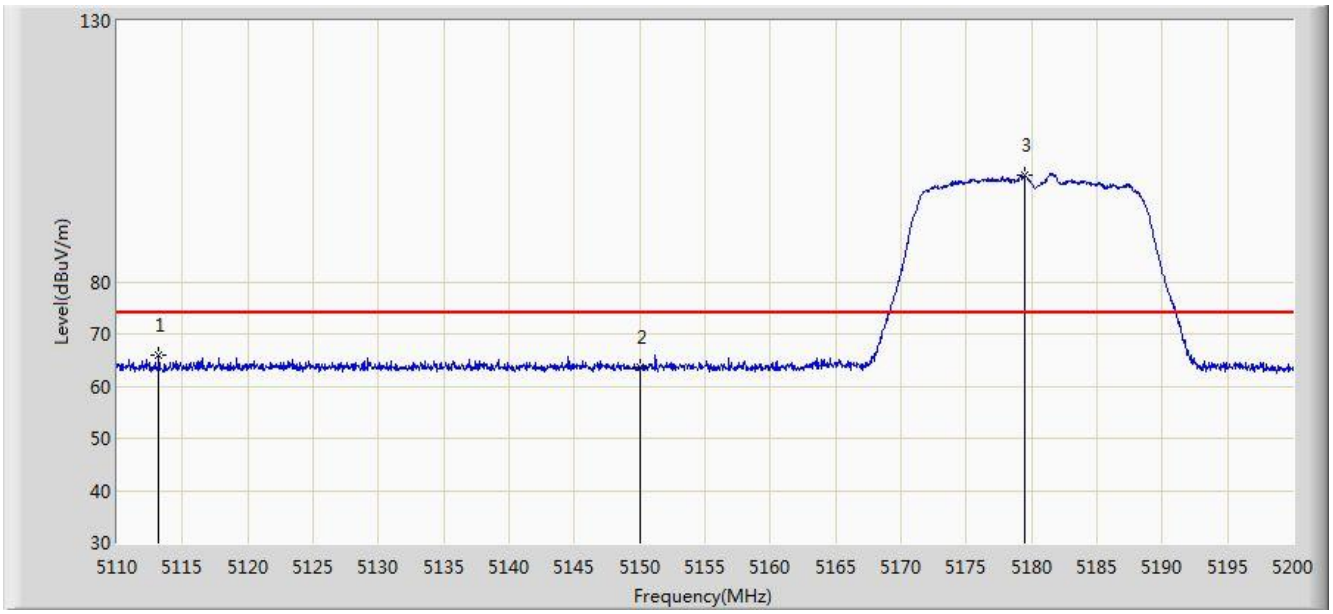


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5827.425	110.765	70.187	N/A	N/A	40.578	PK
2			5850.000	64.309	23.643	-57.891	122.200	40.666	PK
3			5855.000	63.634	22.956	-47.166	110.800	40.678	PK
4			5875.000	64.323	23.603	-40.877	105.200	40.720	PK
5			5925.000	63.759	22.967	-10.241	74.000	40.792	PK
6		*	5935.650	65.688	24.885	-8.312	74.000	40.803	PK

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

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

Site: AC1	Time: 2017/03/21 - 14:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0	

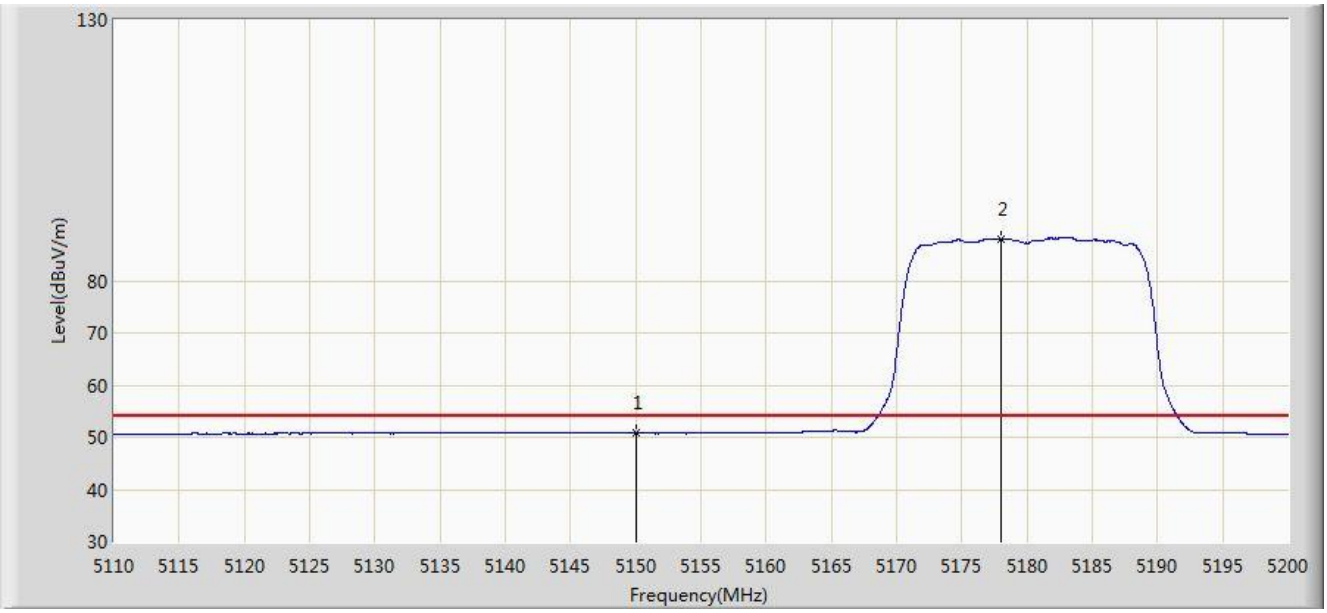


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5113.150	65.924	26.480	-8.076	74.000	39.444	PK
2			5150.000	63.501	24.060	-10.499	74.000	39.442	PK
3		*	5179.480	100.404	61.033	N/A	N/A	39.371	PK

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

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

Site: AC1	Time: 2017/03/21 - 15:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0	

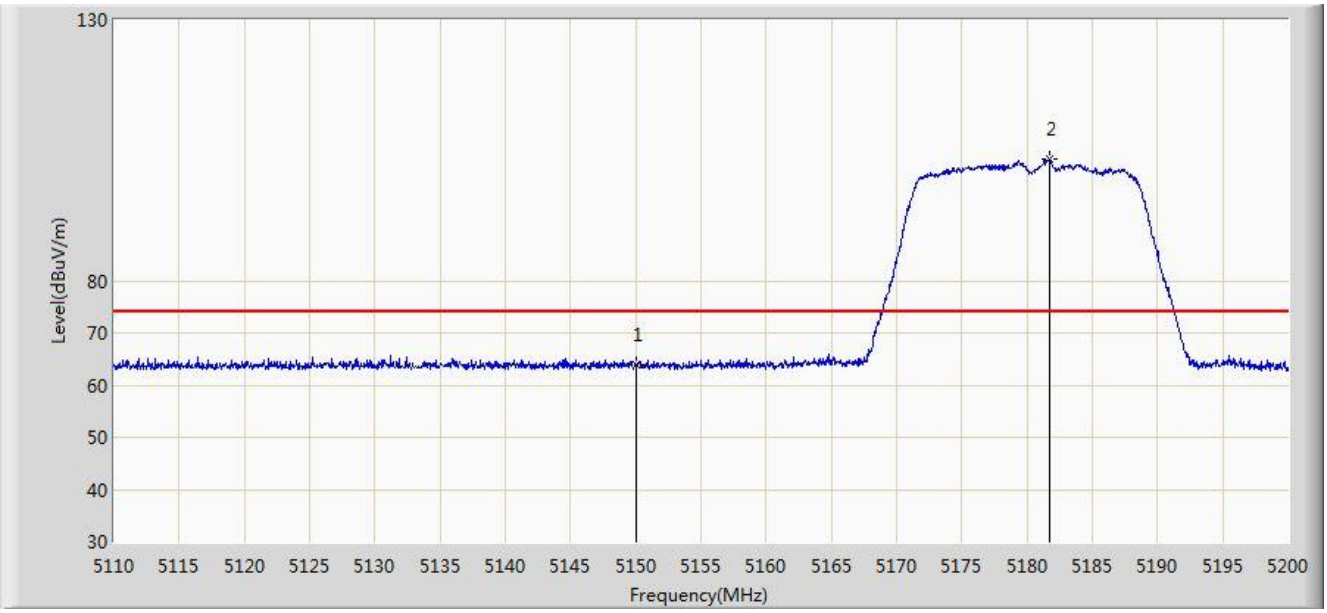


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.727	11.286	-3.273	54.000	39.442	AV
2		*	5177.995	88.061	48.687	N/A	N/A	39.375	AV

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

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

Site: AC1	Time: 2017/03/21 - 15:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0	

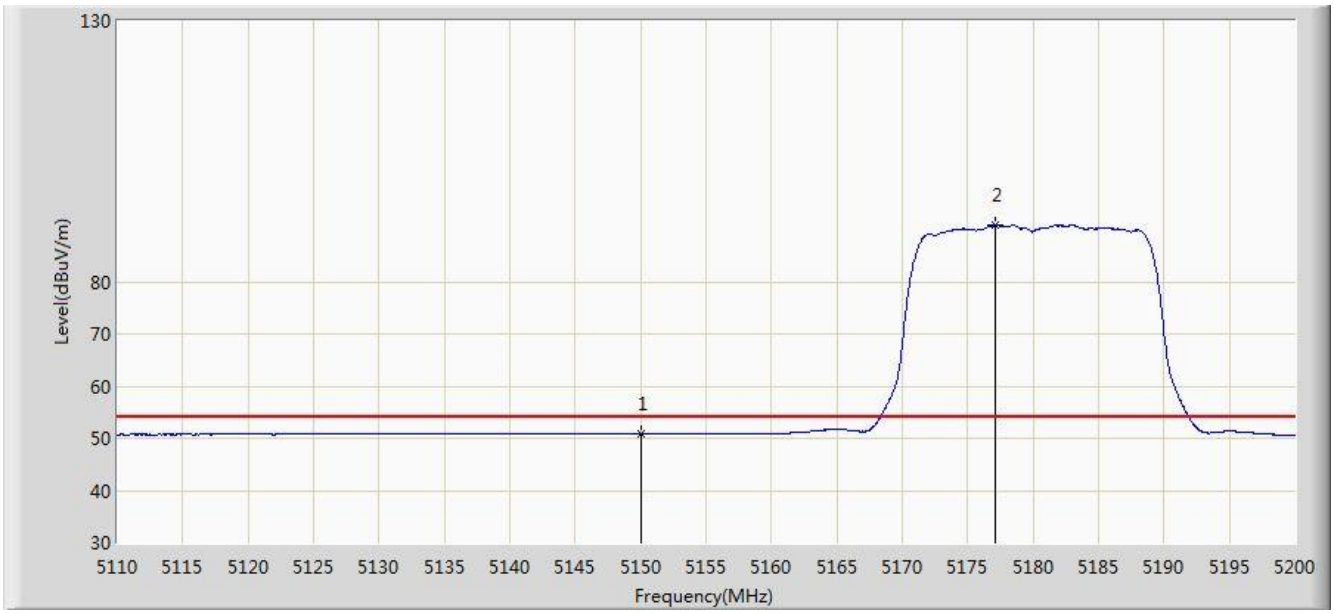


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	63.923	24.482	-10.077	74.000	39.442	PK
2		*	5181.685	103.217	63.852	N/A	N/A	39.365	PK

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

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

Site: AC1	Time: 2017/03/21 - 15:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0	

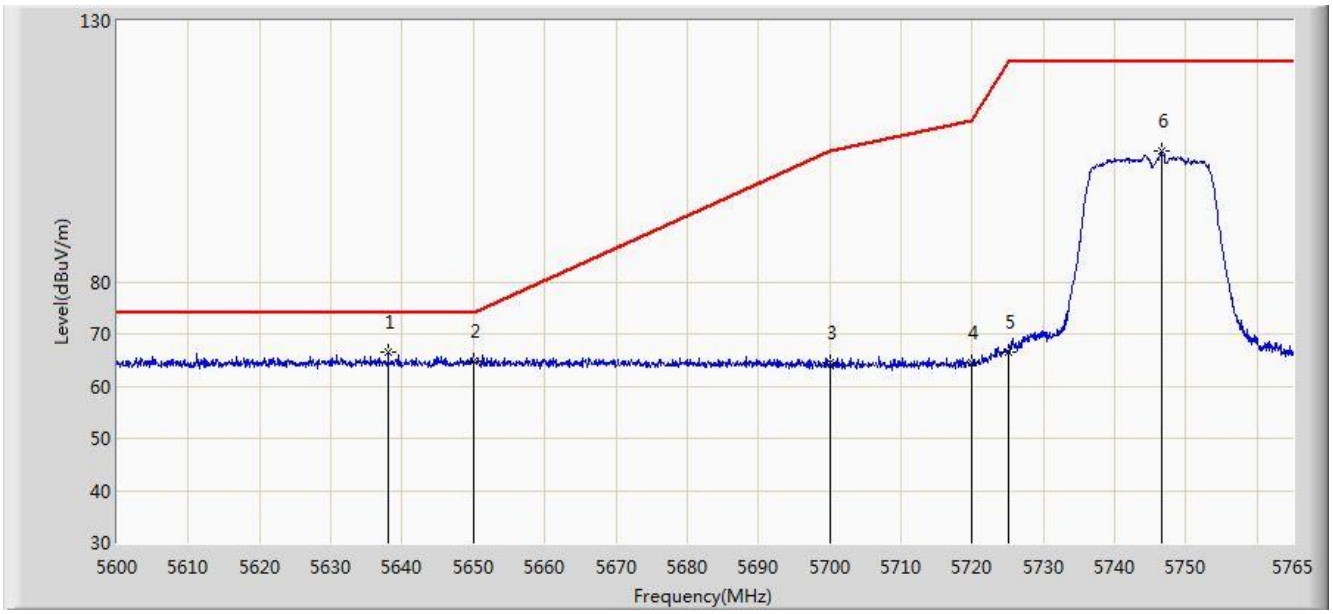


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.823	11.382	-3.177	54.000	39.442	AV
2		*	5177.140	90.801	51.425	N/A	N/A	39.377	AV

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

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

Site: AC1	Time: 2017/03/21 - 15:44
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0	

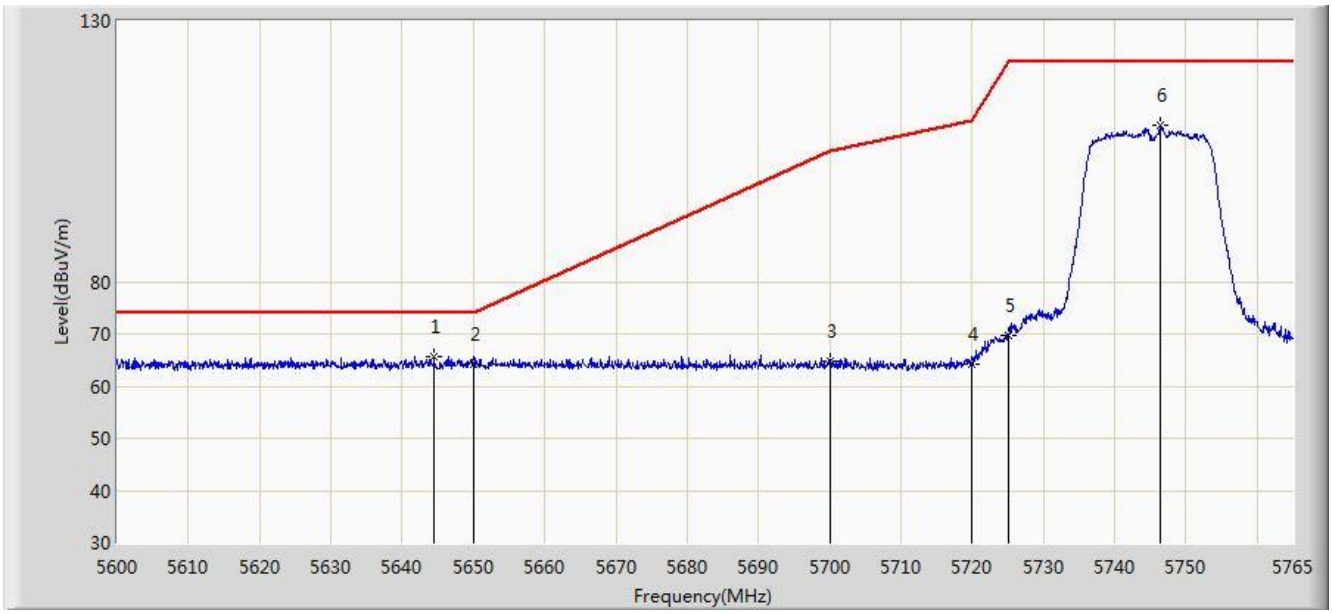


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5638.033	66.420	26.516	-7.580	74.000	39.904	PK
2			5650.000	64.720	24.791	-9.280	74.000	39.929	PK
3			5700.000	64.629	24.572	-40.571	105.200	40.057	PK
4			5720.000	64.476	24.335	-46.324	110.800	40.141	PK
5			5725.000	66.663	26.499	-55.537	122.200	40.164	PK
6			5746.520	105.145	64.884	N/A	N/A	40.261	PK

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

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

Site: AC1	Time: 2017/03/21 - 15:47
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0	

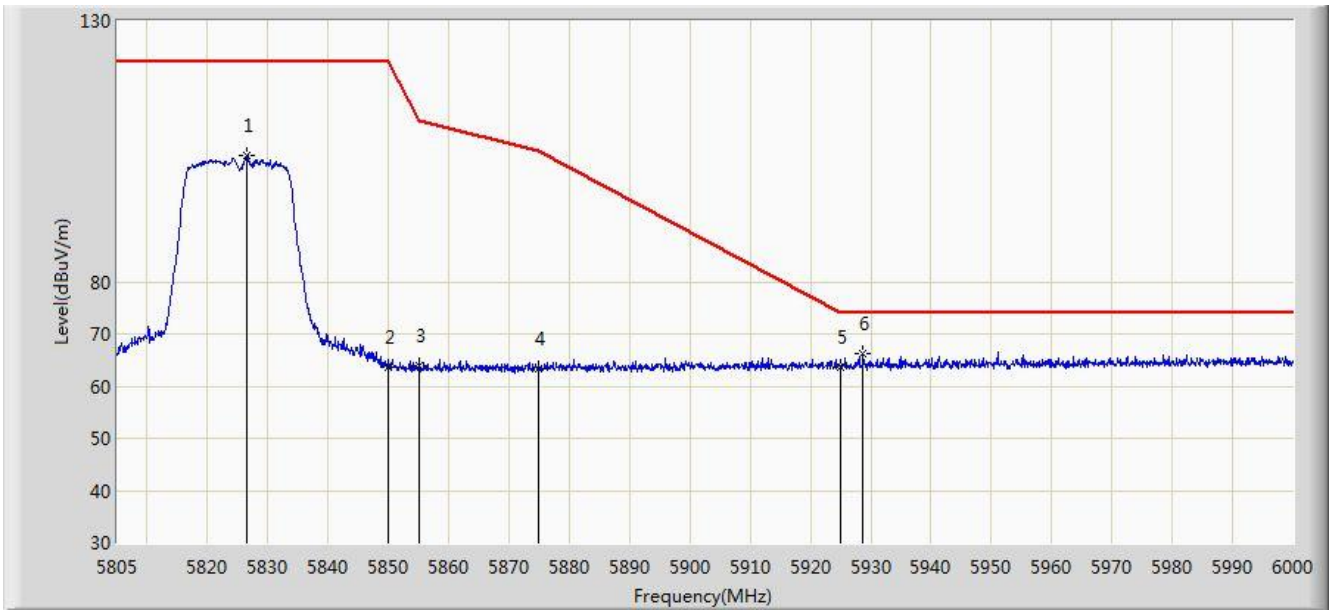


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5644.467	65.643	25.726	-8.357	74.000	39.917	PK
2			5650.000	64.062	24.133	-9.938	74.000	39.929	PK
3			5700.000	64.824	24.767	-40.376	105.200	40.057	PK
4			5720.000	64.077	23.936	-46.723	110.800	40.141	PK
5			5725.000	69.629	29.465	-52.571	122.200	40.164	PK
6			5746.437	110.036	69.775	N/A	N/A	40.261	PK

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

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

Site: AC1	Time: 2017/03/21 - 15:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0	

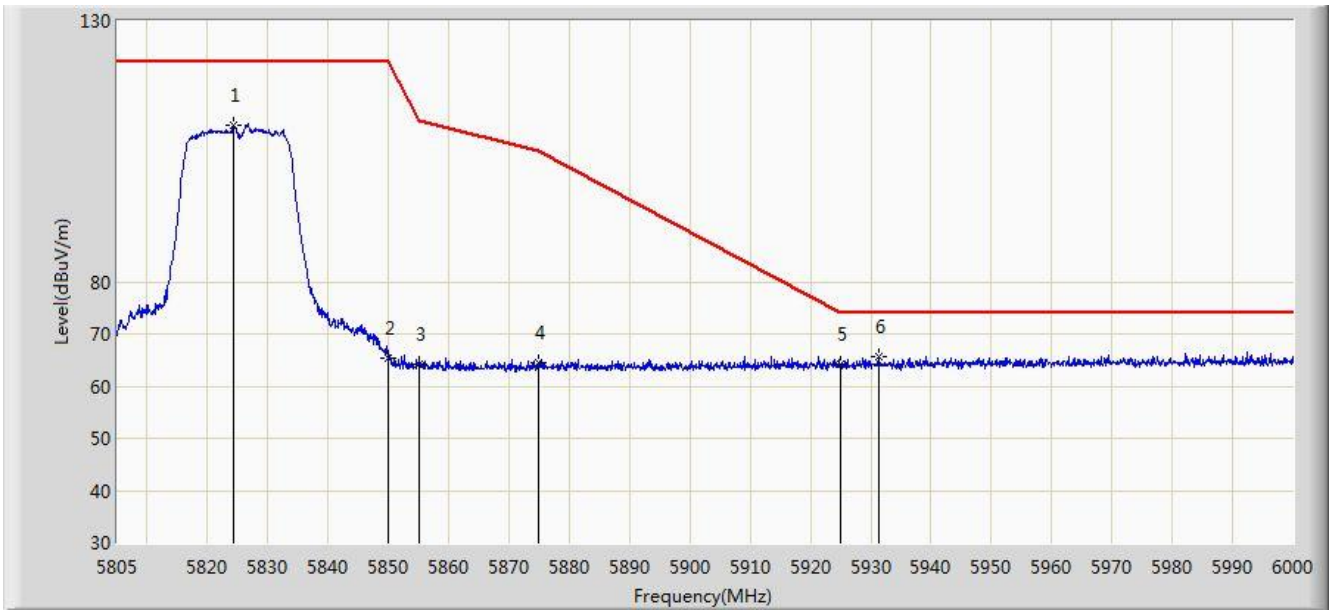


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.450	104.237	63.663	N/A	N/A	40.574	PK
2			5850.000	63.749	23.083	-58.451	122.200	40.666	PK
3			5855.000	63.832	23.154	-46.968	110.800	40.678	PK
4			5875.000	63.204	22.484	-41.996	105.200	40.720	PK
5			5925.000	63.676	22.884	-10.324	74.000	40.792	PK
6		*	5928.728	66.327	25.531	-7.673	74.000	40.796	PK

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

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

Site: AC1	Time: 2017/03/21 - 15:50
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0	

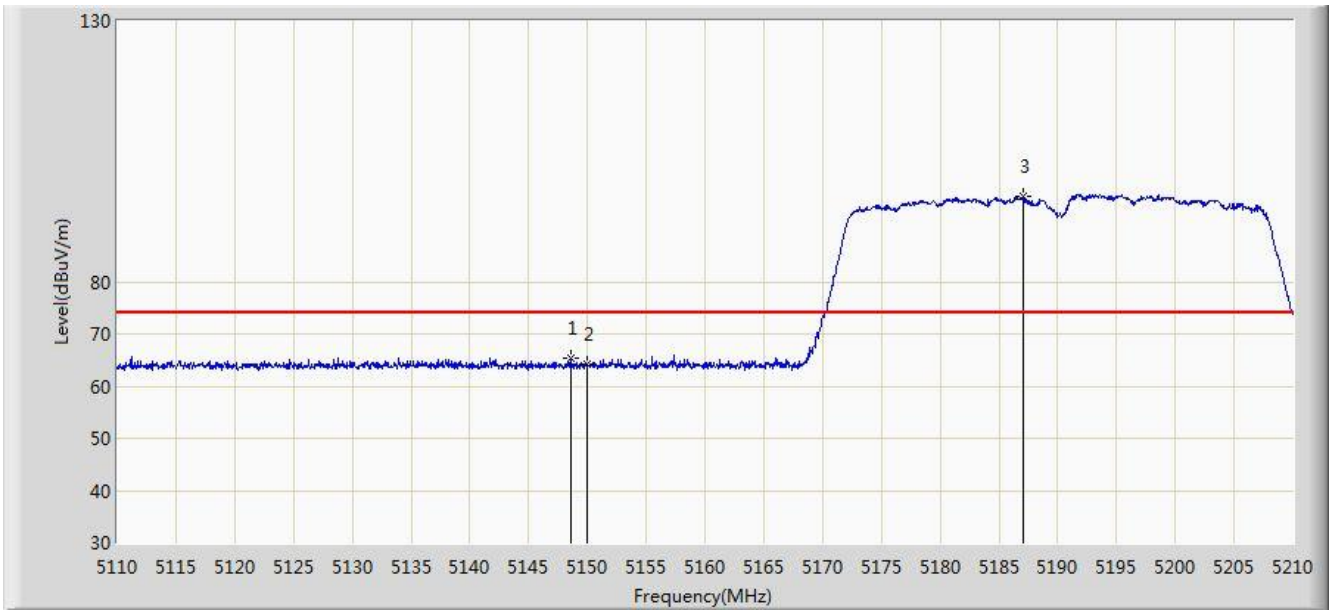


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5824.402	110.008	69.443	N/A	N/A	40.566	PK
2			5850.000	65.290	24.624	-56.910	122.200	40.666	PK
3			5855.000	64.072	23.394	-46.728	110.800	40.678	PK
4			5875.000	64.439	23.719	-40.761	105.200	40.720	PK
5			5925.000	64.209	23.417	-9.791	74.000	40.792	PK
6		*	5931.263	65.589	24.791	-8.411	74.000	40.798	PK

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

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

Site: AC1	Time: 2017/03/21 - 15:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0	

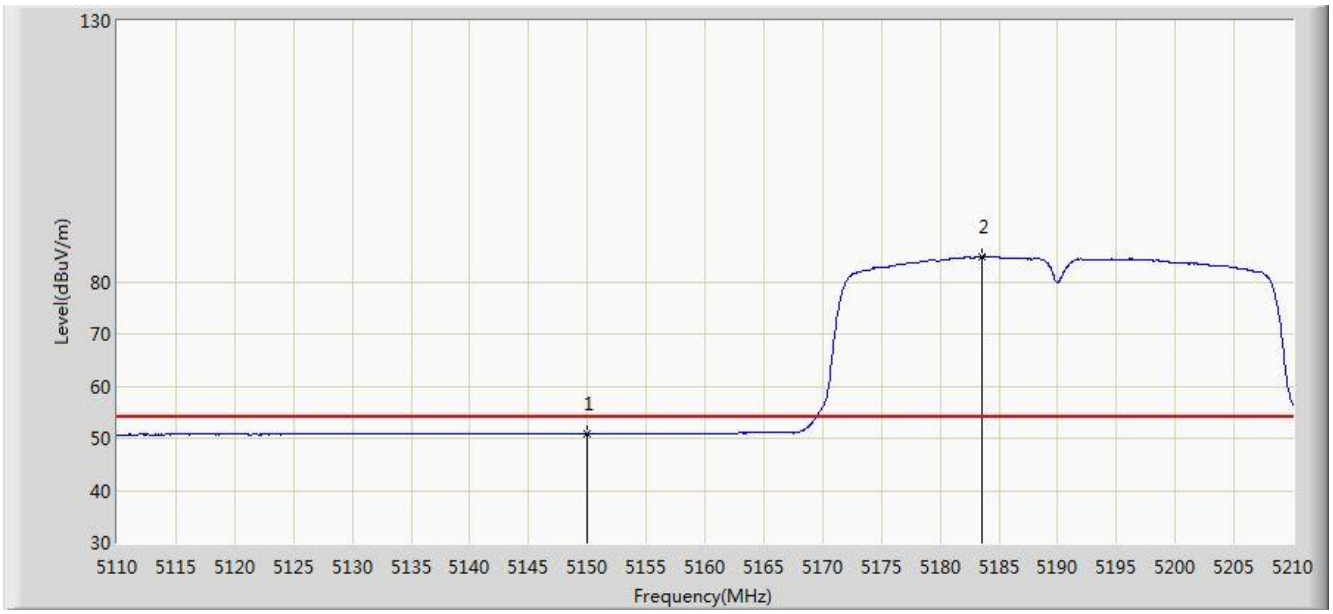


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.650	65.412	25.967	-8.588	74.000	39.445	PK
2			5150.000	64.249	24.808	-9.751	74.000	39.442	PK
3		*	5187.050	96.332	56.981	N/A	N/A	39.352	PK

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

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

Site: AC1	Time: 2017/03/21 - 15:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0	

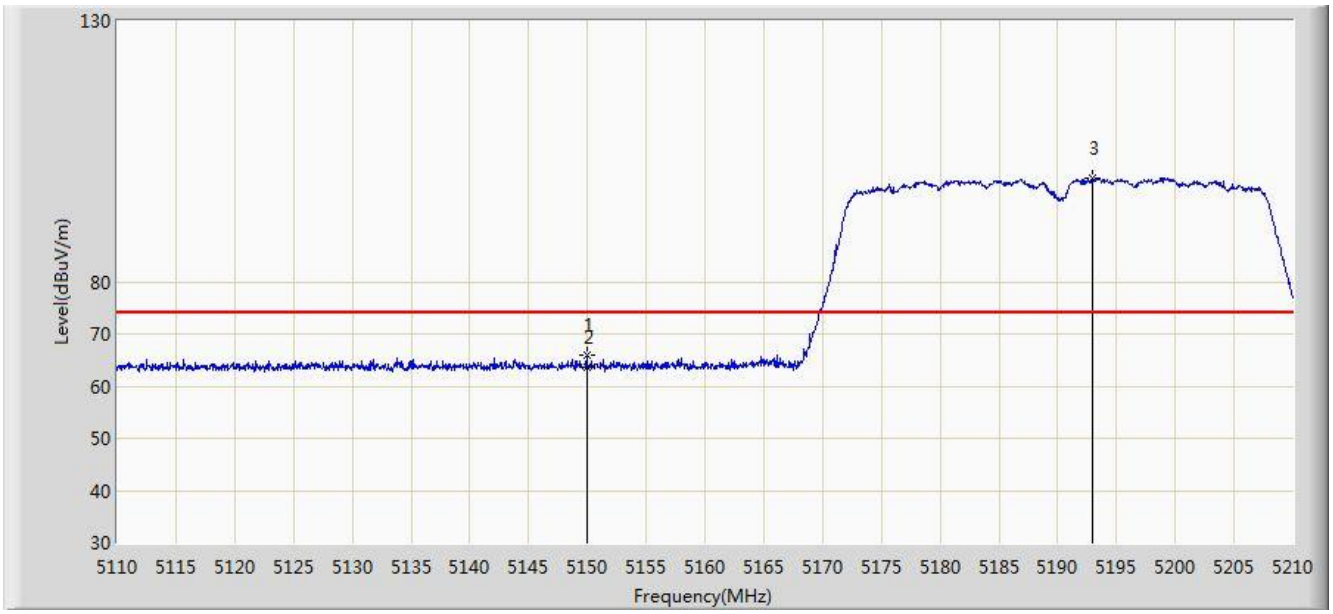


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.862	11.421	-3.138	54.000	39.442	AV
2		*	5183.600	84.839	45.479	N/A	N/A	39.361	AV

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

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

Site: AC1	Time: 2017/03/21 - 15:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0	

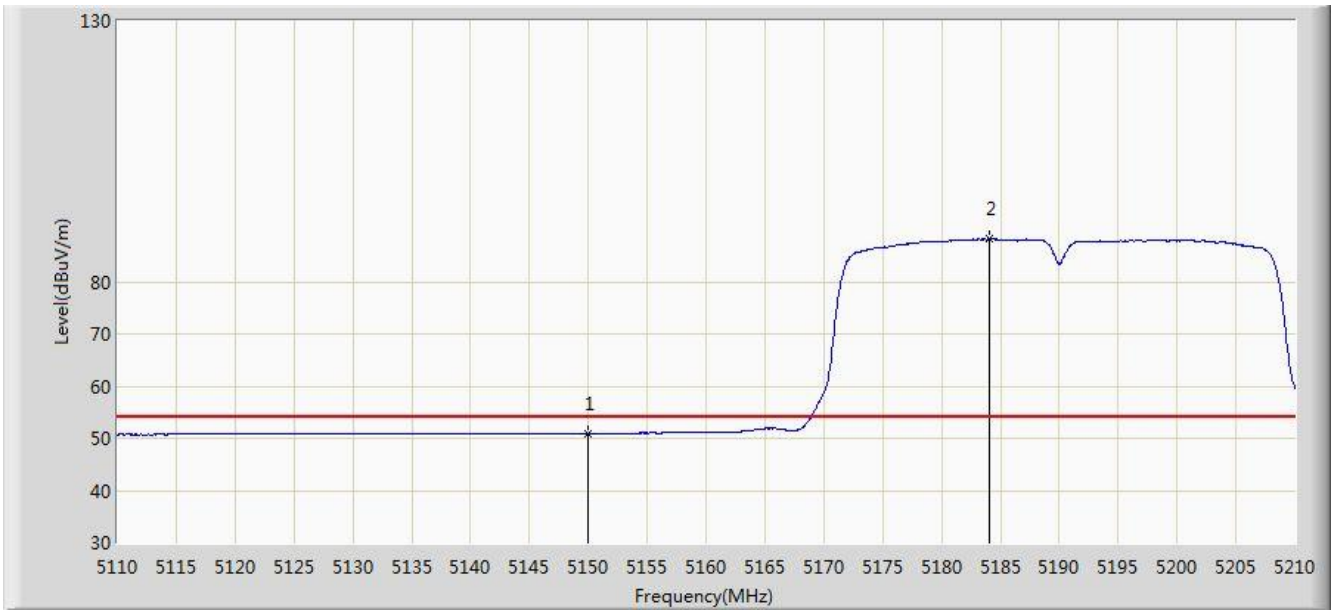


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.950	65.889	26.447	-8.111	74.000	39.442	PK
2			5150.000	63.589	24.148	-10.411	74.000	39.442	PK
3		*	5192.900	99.859	60.523	N/A	N/A	39.336	PK

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

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

Site: AC1	Time: 2017/03/21 - 15:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0	

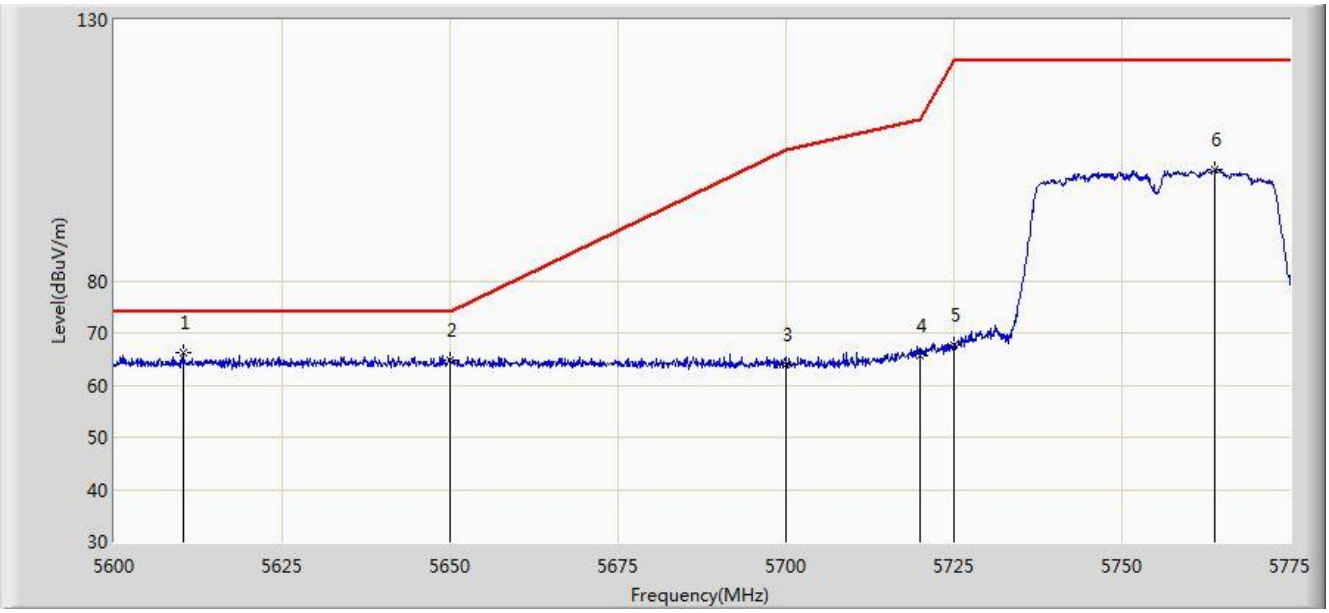


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.940	11.499	-3.060	54.000	39.442	AV
2		*	5184.000	88.247	48.888	N/A	N/A	39.359	AV

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

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

Site: AC1	Time: 2017/03/21 - 16:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0	

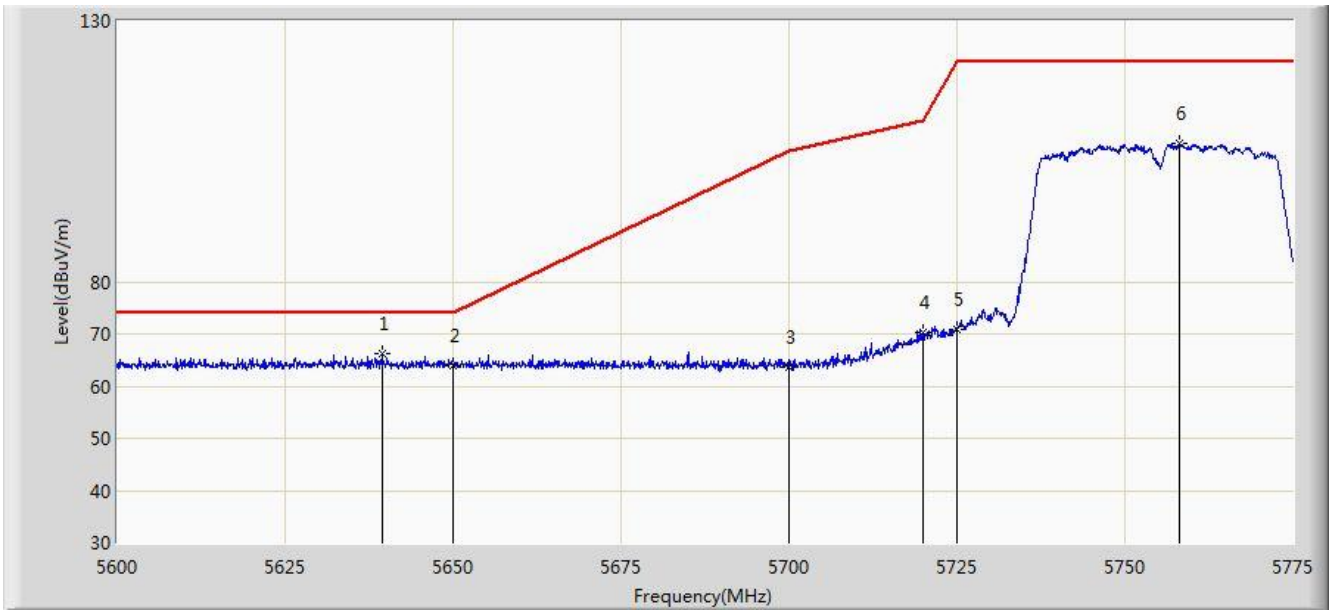


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5610.325	66.183	26.330	-7.817	74.000	39.852	PK
2			5650.000	64.737	24.808	-9.263	74.000	39.929	PK
3			5700.000	64.006	23.949	-41.194	105.200	40.057	PK
4			5720.000	65.740	25.599	-45.060	110.800	40.141	PK
5			5725.000	67.577	27.413	-54.623	122.200	40.164	PK
6			5763.888	101.338	61.008	N/A	N/A	40.330	PK

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

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

Site: AC1	Time: 2017/03/21 - 16:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0	

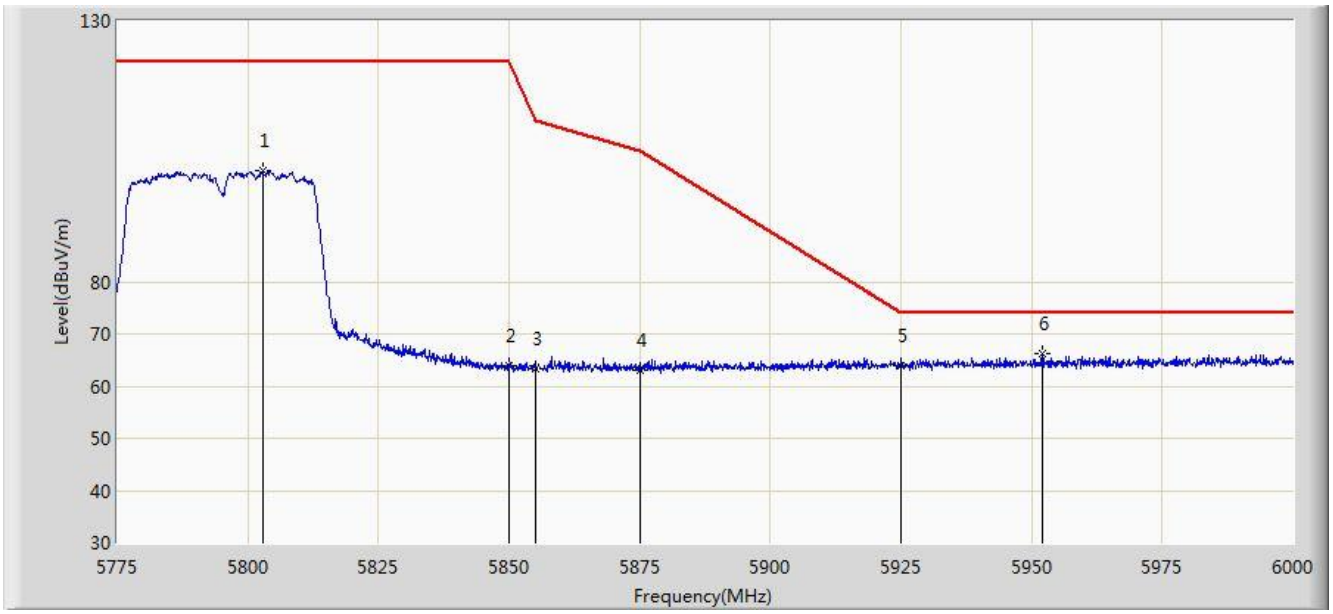


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5639.375	66.208	26.301	-7.792	74.000	39.906	PK
2			5650.000	63.956	24.027	-10.044	74.000	39.929	PK
3			5700.000	63.750	23.693	-41.450	105.200	40.057	PK
4			5720.000	70.173	30.032	-40.627	110.800	40.141	PK
5			5725.000	70.972	30.808	-51.228	122.200	40.164	PK
6			5758.025	106.583	66.275	N/A	N/A	40.308	PK

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

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

Site: AC1	Time: 2017/03/21 - 16:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 0	

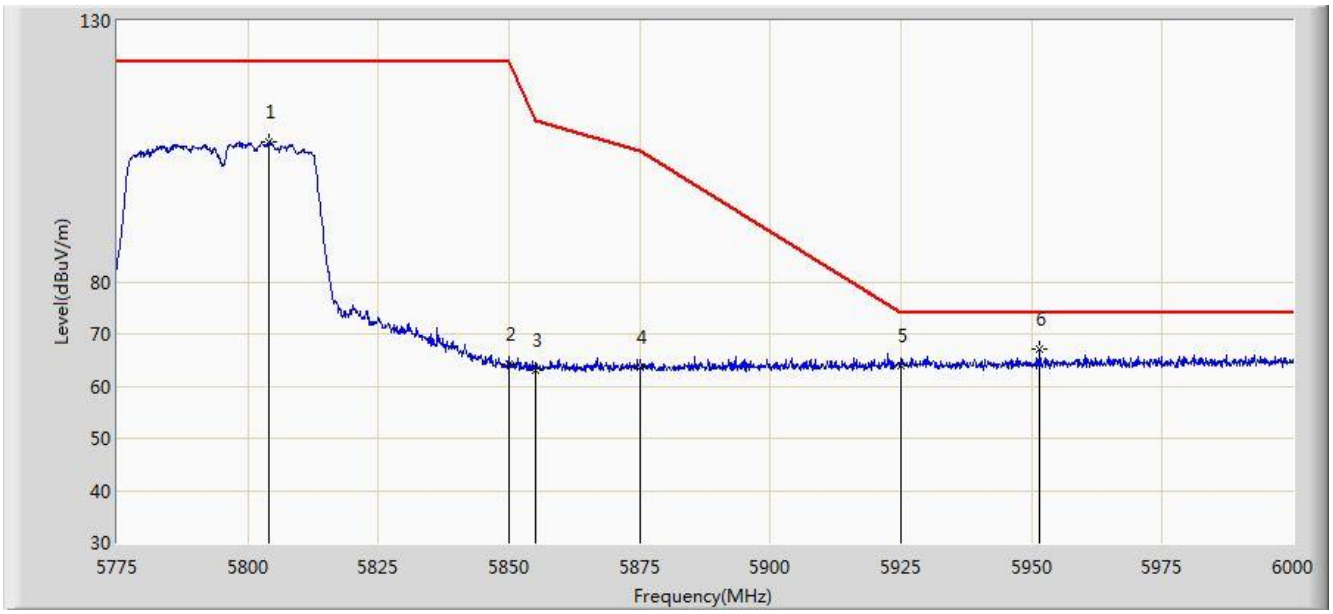


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5802.788	101.311	60.835	N/A	N/A	40.476	PK
2			5850.000	63.804	23.138	-58.396	122.200	40.666	PK
3			5855.000	63.477	22.799	-47.323	110.800	40.678	PK
4			5875.000	63.064	22.344	-42.136	105.200	40.720	PK
5			5925.000	63.876	23.084	-10.124	74.000	40.792	PK
6		*	5952.187	66.207	25.389	-7.793	74.000	40.817	PK

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

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

Site: AC1	Time: 2017/03/21 - 16:25
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 0	

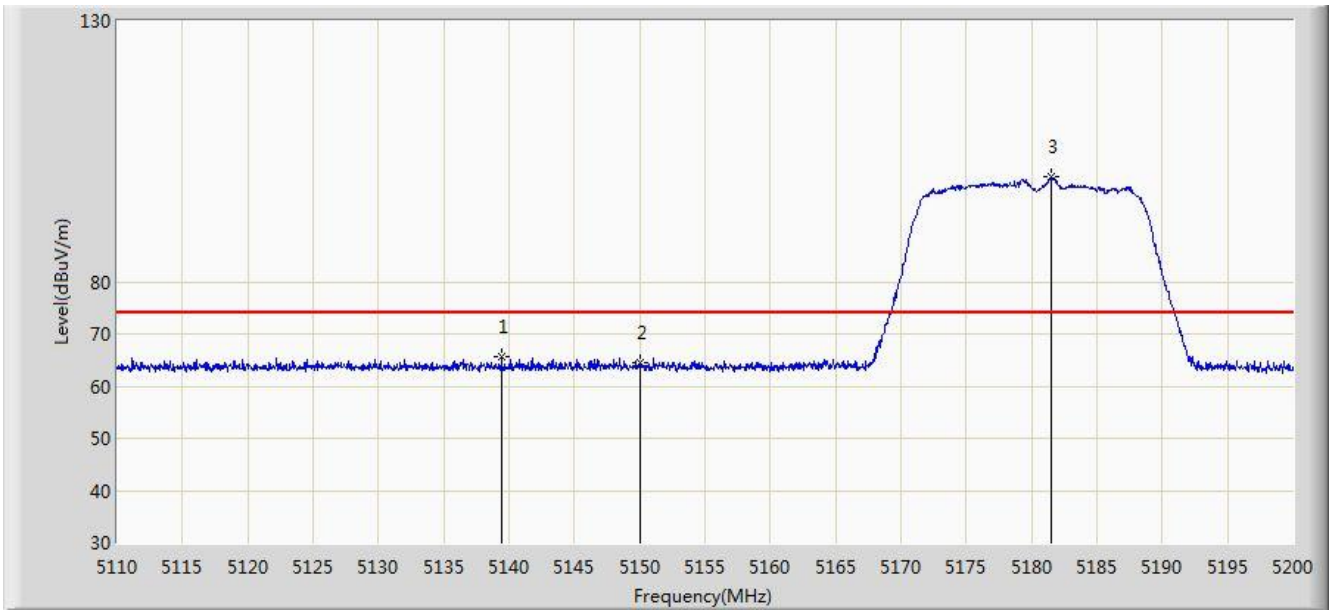


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5803.913	106.809	66.329	N/A	N/A	40.480	PK
2			5850.000	64.143	23.477	-58.057	122.200	40.666	PK
3			5855.000	63.174	22.496	-47.626	110.800	40.678	PK
4			5875.000	63.483	22.763	-41.717	105.200	40.720	PK
5			5925.000	63.968	23.176	-10.032	74.000	40.792	PK
6		*	5951.625	67.202	26.385	-6.798	74.000	40.818	PK

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

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

Site: AC1	Time: 2017/03/21 - 16:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0	

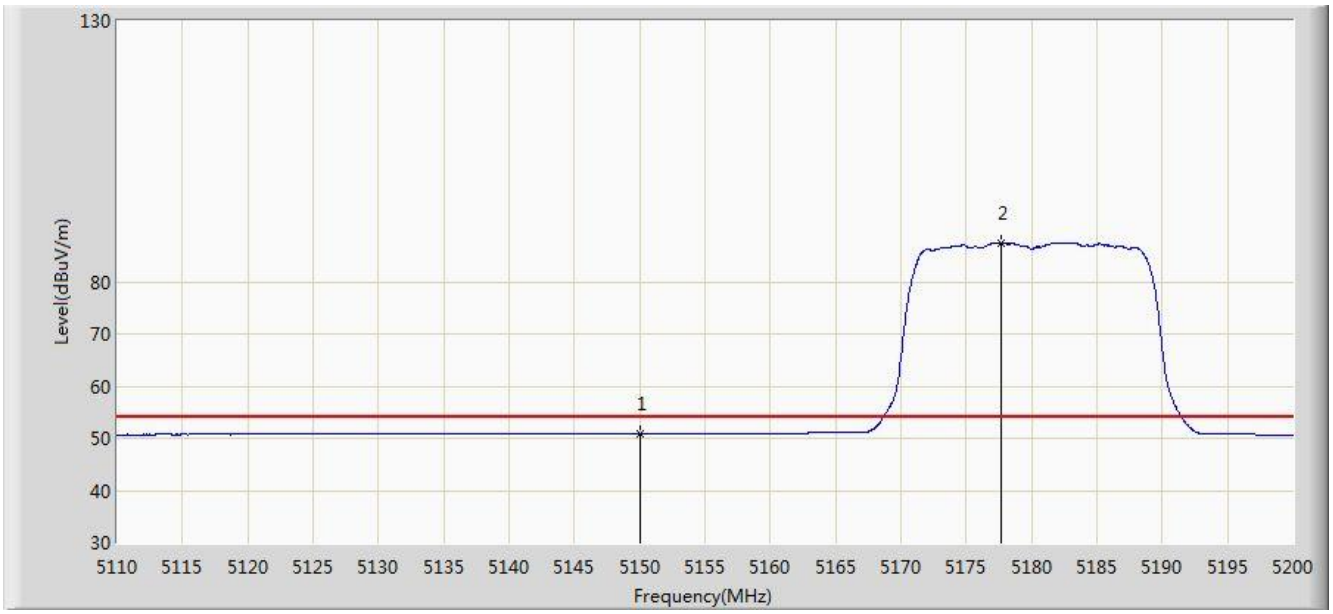


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.430	65.685	26.240	-8.315	74.000	39.446	PK
2			5150.000	64.567	25.126	-9.433	74.000	39.442	PK
3		*	5181.550	100.078	60.713	N/A	N/A	39.366	PK

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

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

Site: AC1	Time: 2017/03/21 - 16:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0	

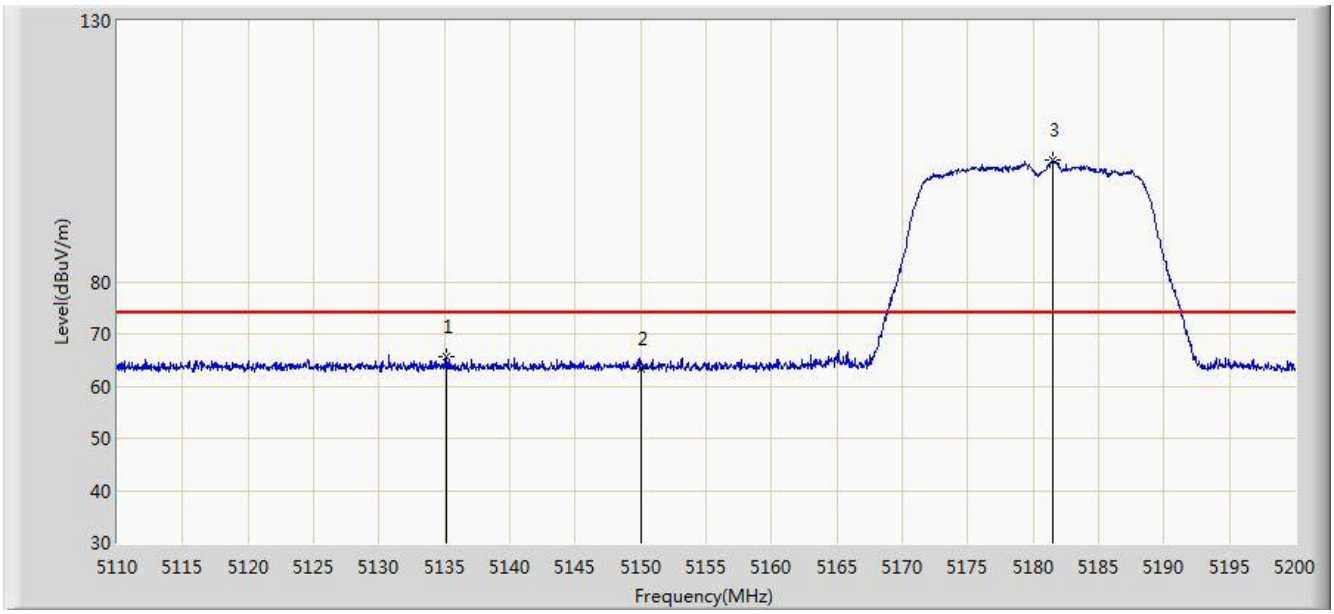


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.791	11.350	-3.209	54.000	39.442	AV
2		*	5177.680	87.432	48.057	N/A	N/A	39.375	AV

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

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

Site: AC1	Time: 2017/03/21 - 16:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0	

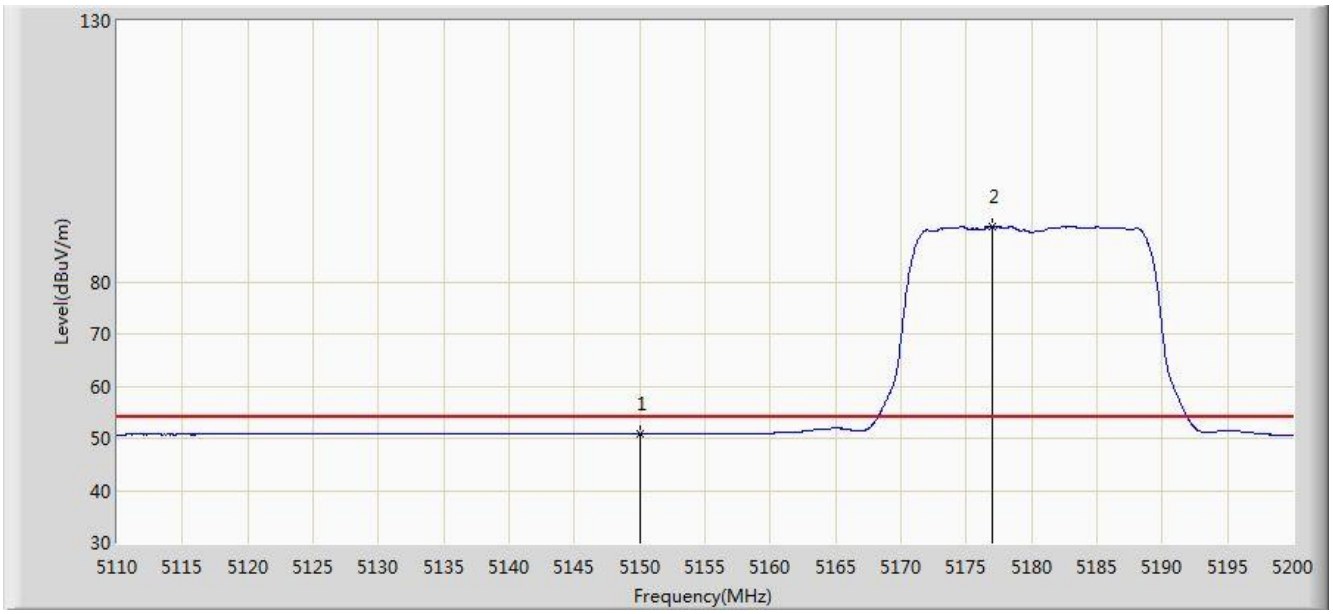


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.200	65.646	26.201	-8.354	74.000	39.445	PK
2			5150.000	63.294	23.853	-10.706	74.000	39.442	PK
3		*	5181.460	103.223	63.857	N/A	N/A	39.366	PK

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

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

Site: AC1	Time: 2017/03/21 - 16:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0	

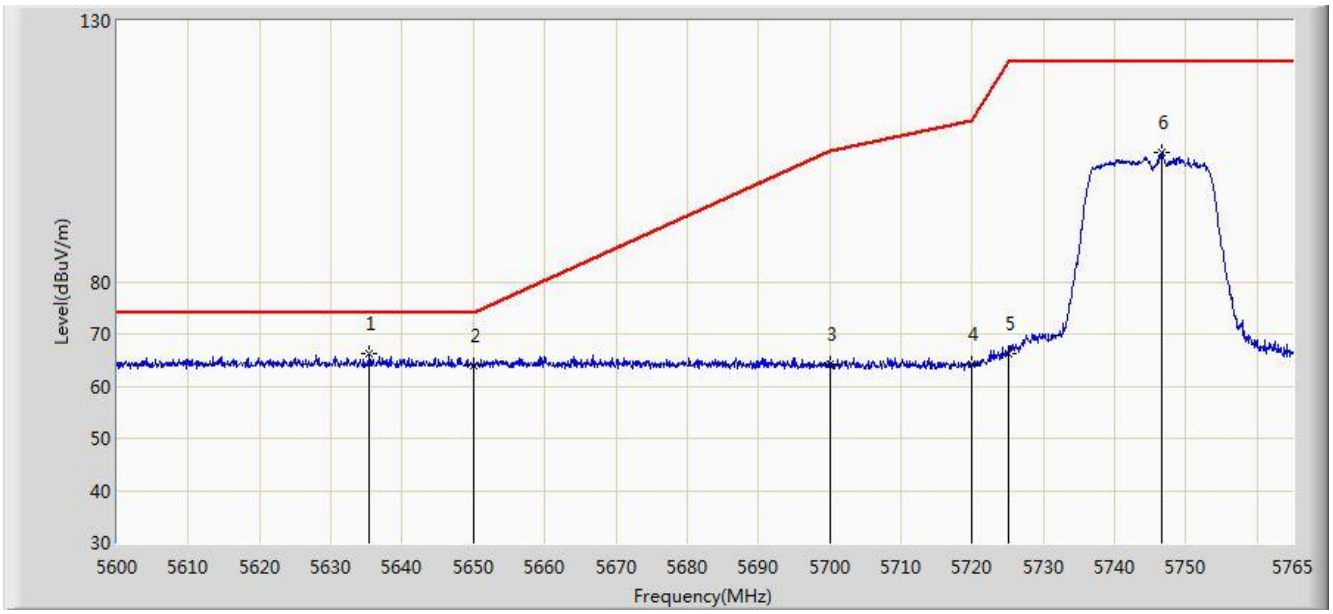


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.860	11.419	-3.140	54.000	39.442	AV
2		*	5177.005	90.568	51.191	N/A	N/A	39.377	AV

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

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

Site: AC1	Time: 2017/03/21 - 16:51
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0	

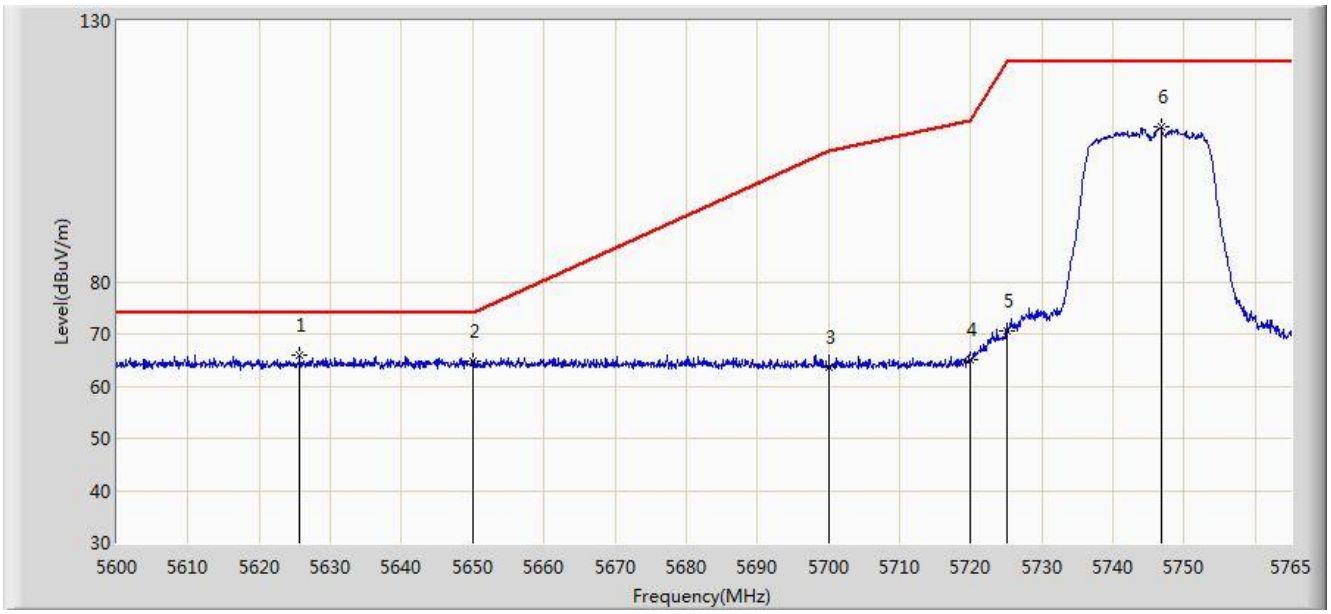


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5635.393	66.331	26.431	-7.669	74.000	39.899	PK
2			5650.000	63.773	23.844	-10.227	74.000	39.929	PK
3			5700.000	64.085	24.028	-41.115	105.200	40.057	PK
4			5720.000	64.169	24.028	-46.631	110.800	40.141	PK
5			5725.000	66.350	26.186	-55.850	122.200	40.164	PK
6			5746.603	104.828	64.567	N/A	N/A	40.262	PK

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

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

Site: AC1	Time: 2017/03/21 - 16:54
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0	

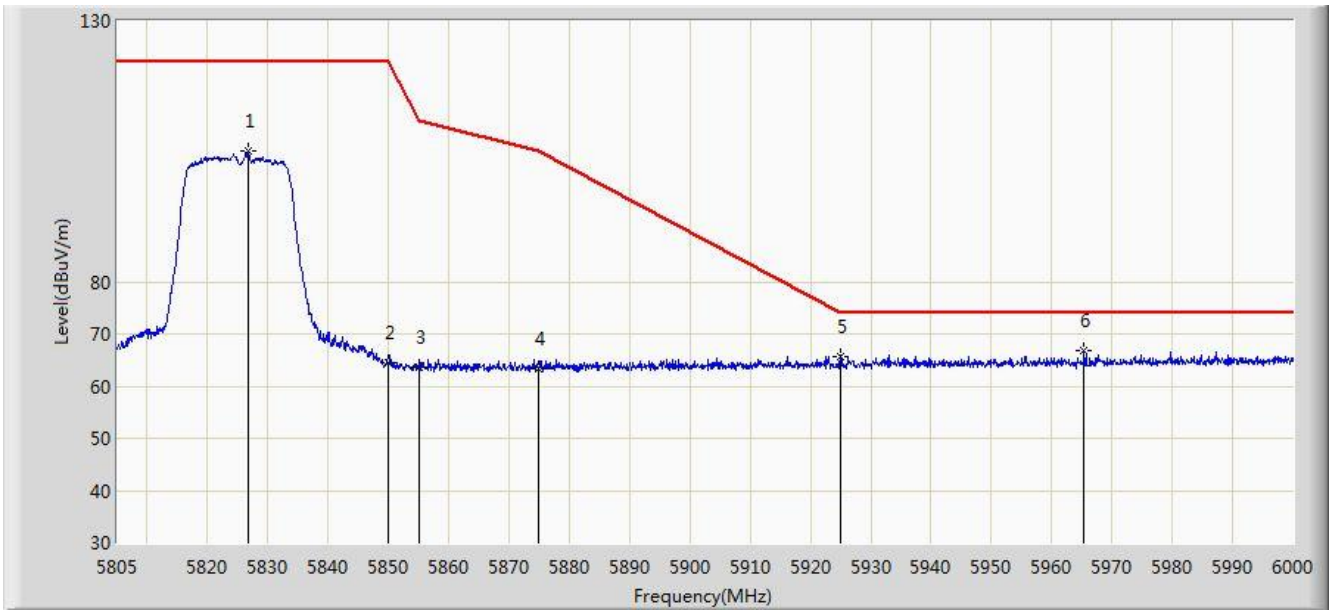


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5625.658	65.900	26.019	-8.100	74.000	39.882	PK
2			5650.000	64.679	24.750	-9.321	74.000	39.929	PK
3			5700.000	63.659	23.602	-41.541	105.200	40.057	PK
4			5720.000	65.045	24.904	-45.755	110.800	40.141	PK
5			5725.000	70.514	30.350	-51.686	122.200	40.164	PK
6			5746.768	109.841	69.579	N/A	N/A	40.262	PK

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

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

Site: AC1	Time: 2017/03/21 - 16:56
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0	

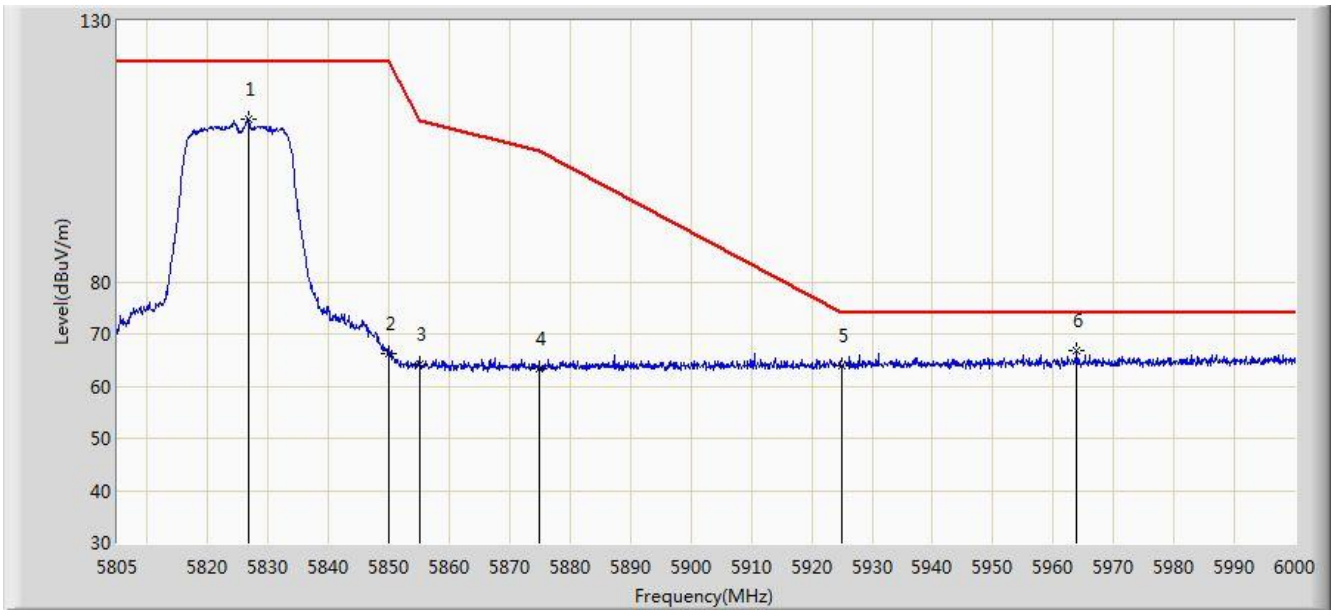


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.645	104.977	64.402	N/A	N/A	40.575	PK
2			5850.000	64.400	23.734	-57.800	122.200	40.666	PK
3			5855.000	63.552	22.874	-47.248	110.800	40.678	PK
4			5875.000	63.198	22.478	-42.002	105.200	40.720	PK
5			5925.000	65.621	24.829	-8.379	74.000	40.792	PK
6		*	5965.388	66.723	25.898	-7.277	74.000	40.825	PK

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

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

Site: AC1	Time: 2017/03/21 - 16:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0	

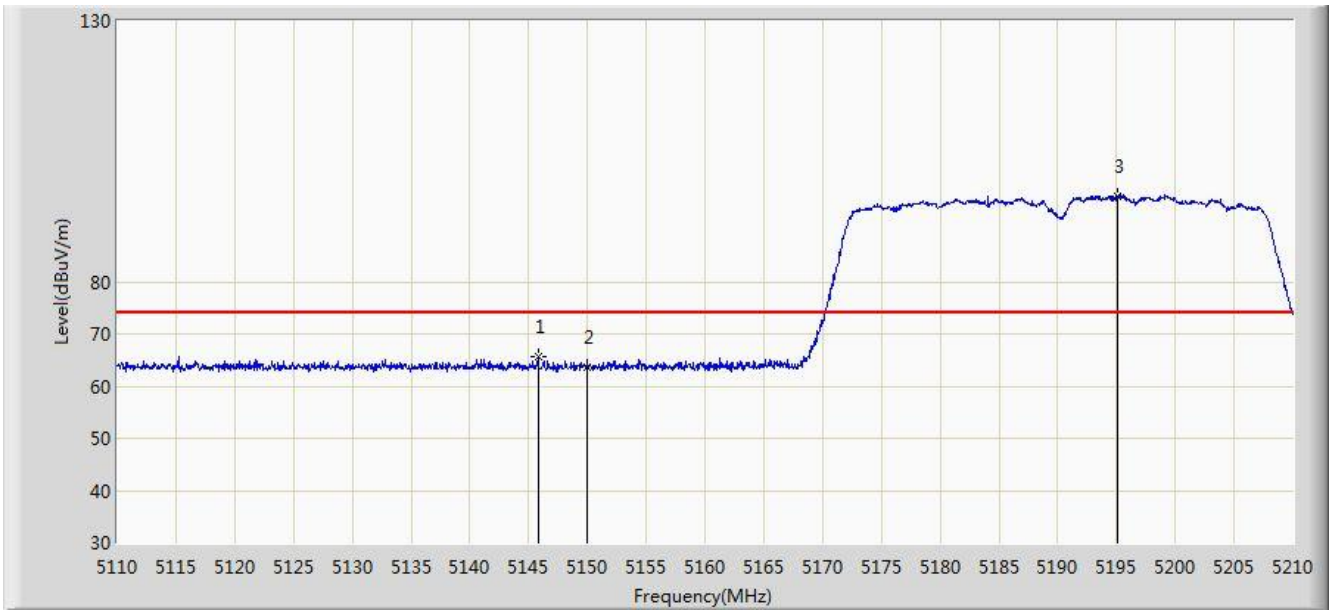


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.743	111.040	70.465	N/A	N/A	40.576	PK
2			5850.000	66.218	25.552	-55.982	122.200	40.666	PK
3			5855.000	64.154	23.476	-46.646	110.800	40.678	PK
4			5875.000	63.289	22.569	-41.911	105.200	40.720	PK
5			5925.000	63.906	23.114	-10.094	74.000	40.792	PK
6		*	5963.925	66.843	26.019	-7.157	74.000	40.824	PK

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

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

Site: AC1	Time: 2017/03/21 - 17:01
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

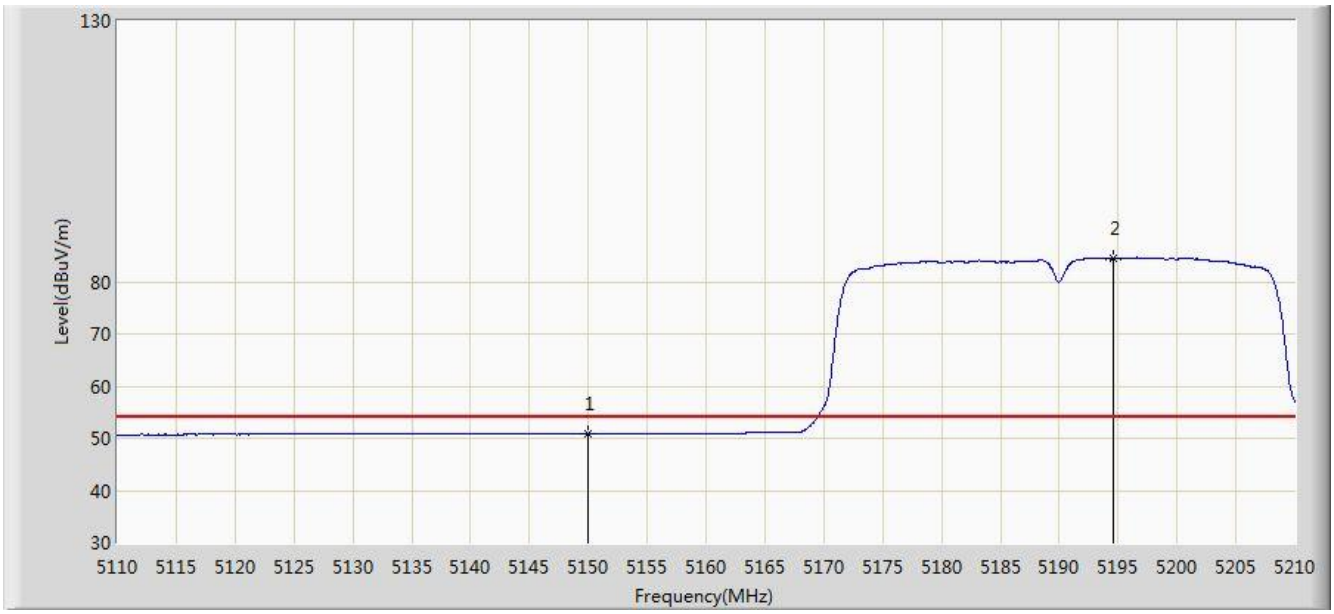


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.800	65.517	26.071	-8.483	74.000	39.446	PK
2			5150.000	63.724	24.283	-10.276	74.000	39.442	PK
3		*	5195.150	96.503	57.173	N/A	N/A	39.330	PK

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

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

Site: AC1	Time: 2017/03/21 - 17:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

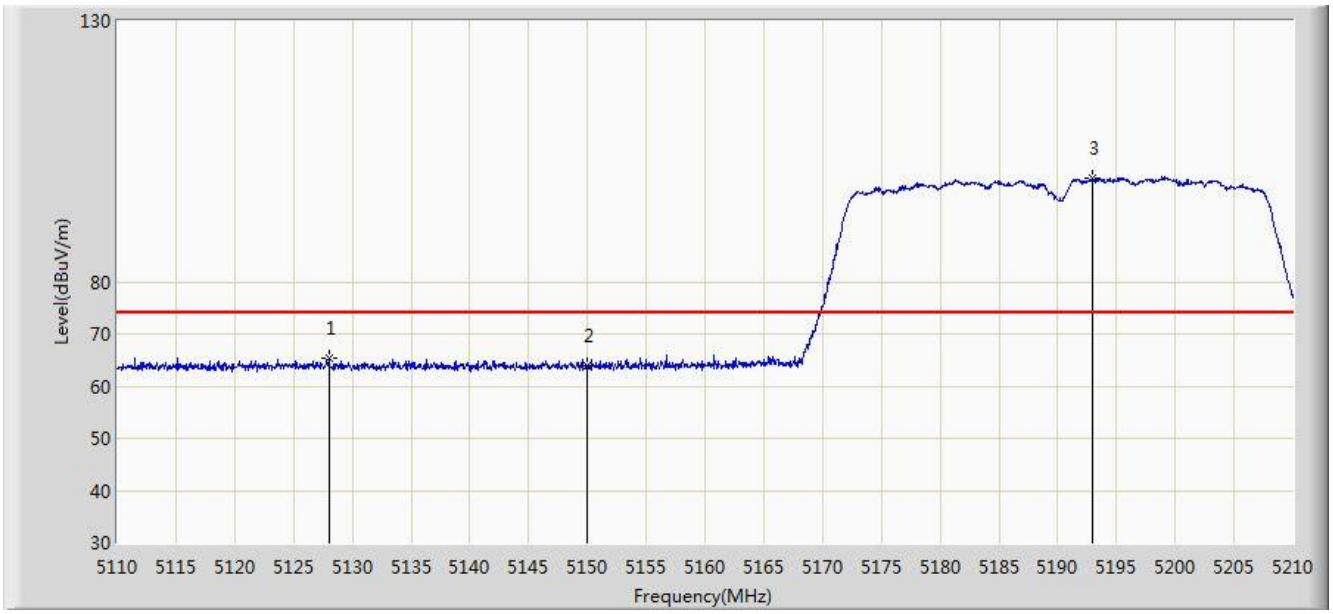


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.858	11.417	-3.142	54.000	39.442	AV
2		*	5194.550	84.555	45.223	N/A	N/A	39.332	AV

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

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

Site: AC1	Time: 2017/03/21 - 17:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

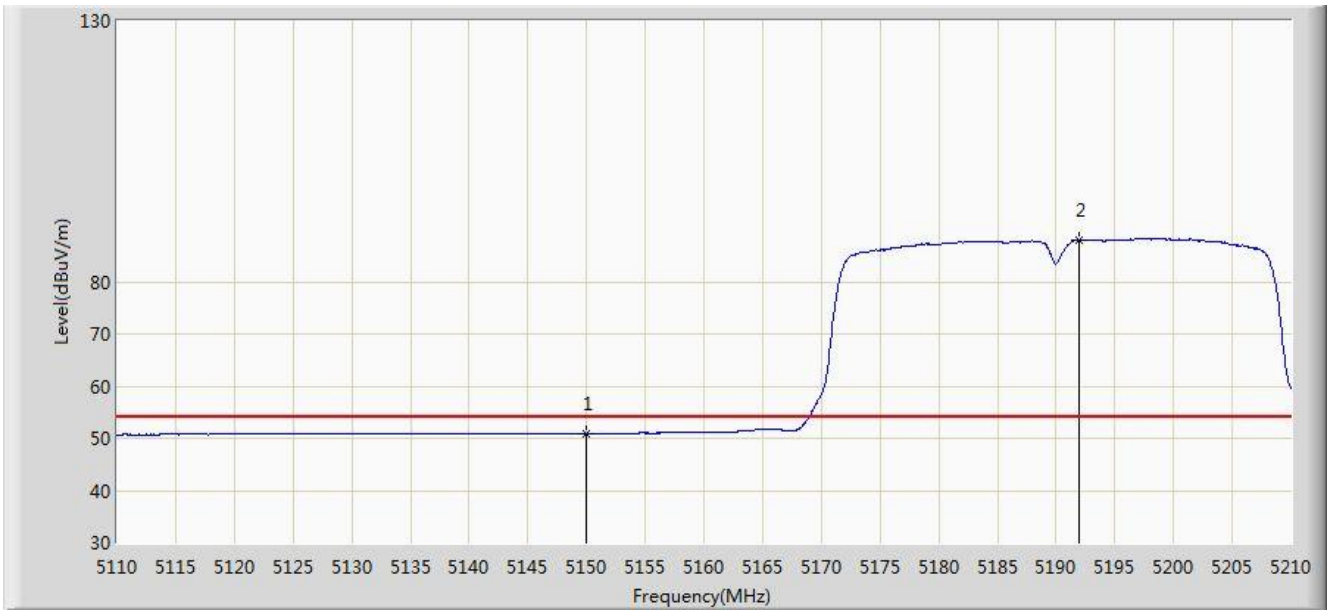


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5128.000	65.330	25.885	-8.670	74.000	39.444	PK
2			5150.000	63.851	24.410	-10.149	74.000	39.442	PK
3		*	5192.950	99.765	60.429	N/A	N/A	39.336	PK

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

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

Site: AC1	Time: 2017/03/21 - 17:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

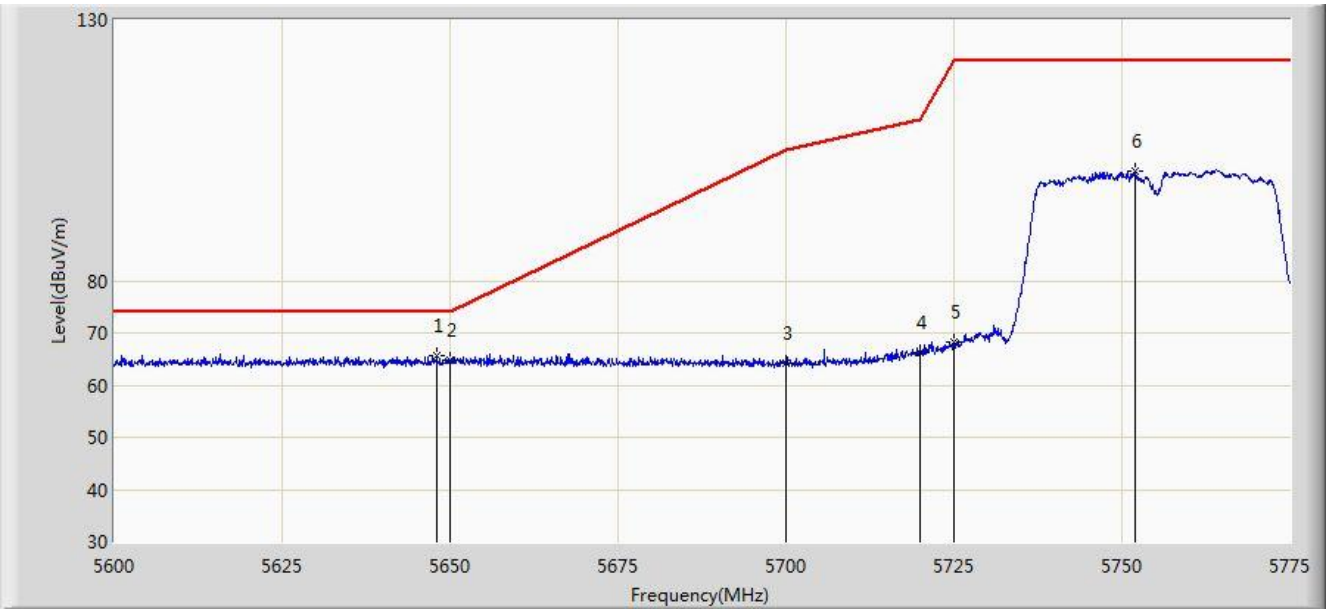


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.937	11.496	-3.063	54.000	39.442	AV
2		*	5191.900	87.996	48.657	N/A	N/A	39.339	AV

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

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

Site: AC1	Time: 2017/03/21 - 17:30
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0	

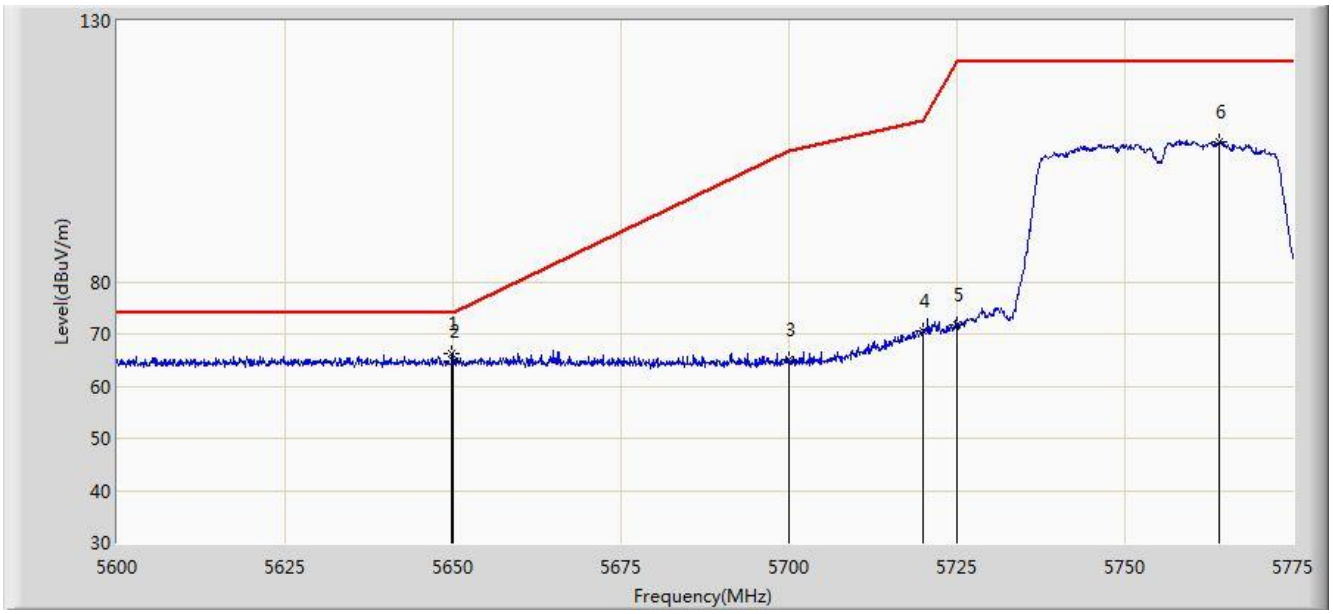


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5648.038	65.784	25.859	-8.216	74.000	39.925	PK
2			5650.000	64.746	24.817	-9.254	74.000	39.929	PK
3			5700.000	64.119	24.062	-41.081	105.200	40.057	PK
4			5720.000	66.230	26.089	-44.570	110.800	40.141	PK
5			5725.000	68.131	27.967	-54.069	122.200	40.164	PK
6			5751.900	100.964	60.681	N/A	N/A	40.283	PK

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

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

Site: AC1	Time: 2017/03/21 - 17:33
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0	

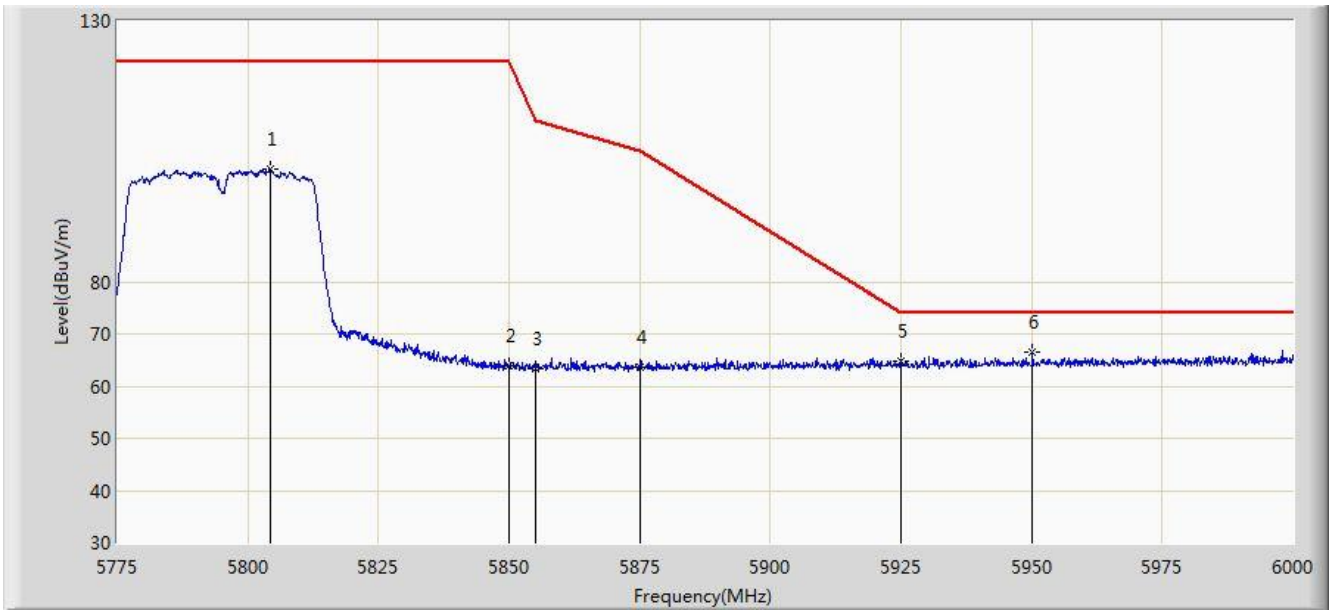


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5649.875	66.186	26.257	-7.814	74.000	39.928	PK
2			5650.000	64.658	24.729	-9.342	74.000	39.929	PK
3			5700.000	64.937	24.880	-40.263	105.200	40.057	PK
4			5720.000	70.527	30.386	-40.273	110.800	40.141	PK
5			5725.000	71.798	31.634	-50.402	122.200	40.164	PK
6			5764.062	106.868	66.537	N/A	N/A	40.331	PK

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

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

Site: AC1	Time: 2017/03/21 - 17:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0	

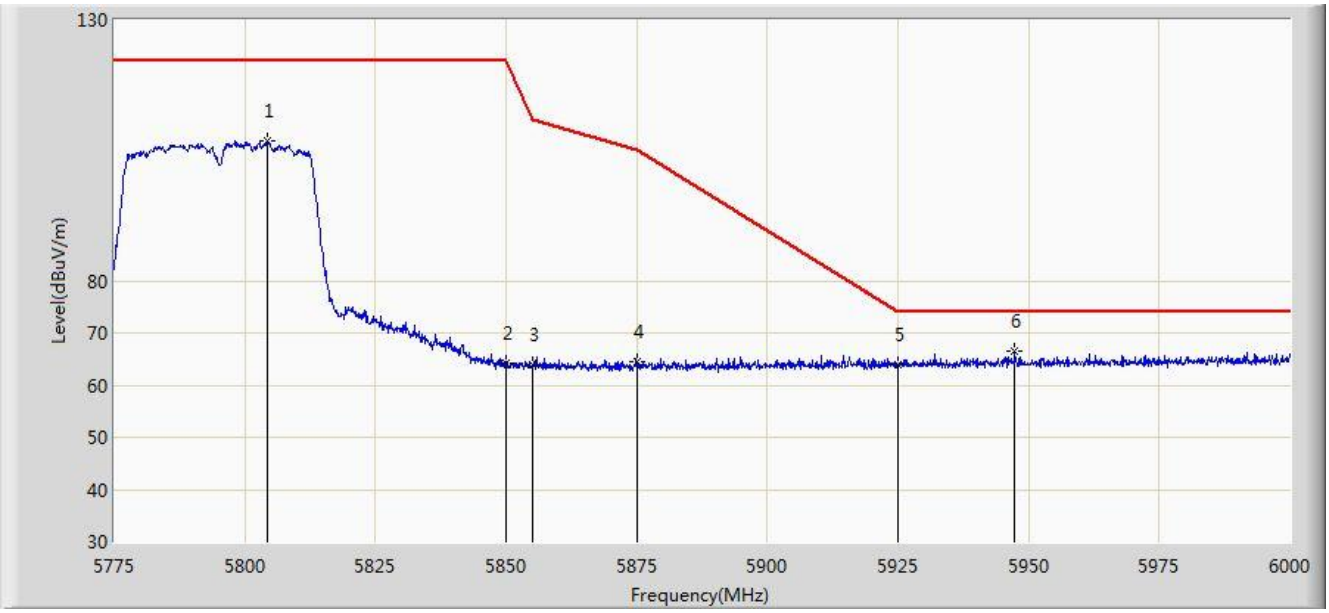


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5804.250	101.592	61.111	N/A	N/A	40.482	PK
2			5850.000	63.790	23.124	-58.410	122.200	40.666	PK
3			5855.000	63.300	22.622	-47.500	110.800	40.678	PK
4			5875.000	63.577	22.857	-41.623	105.200	40.720	PK
5			5925.000	64.887	24.095	-9.113	74.000	40.792	PK
6		*	5950.163	66.550	25.733	-7.450	74.000	40.816	PK

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

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

Site: AC1	Time: 2017/03/21 - 17:39
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0	

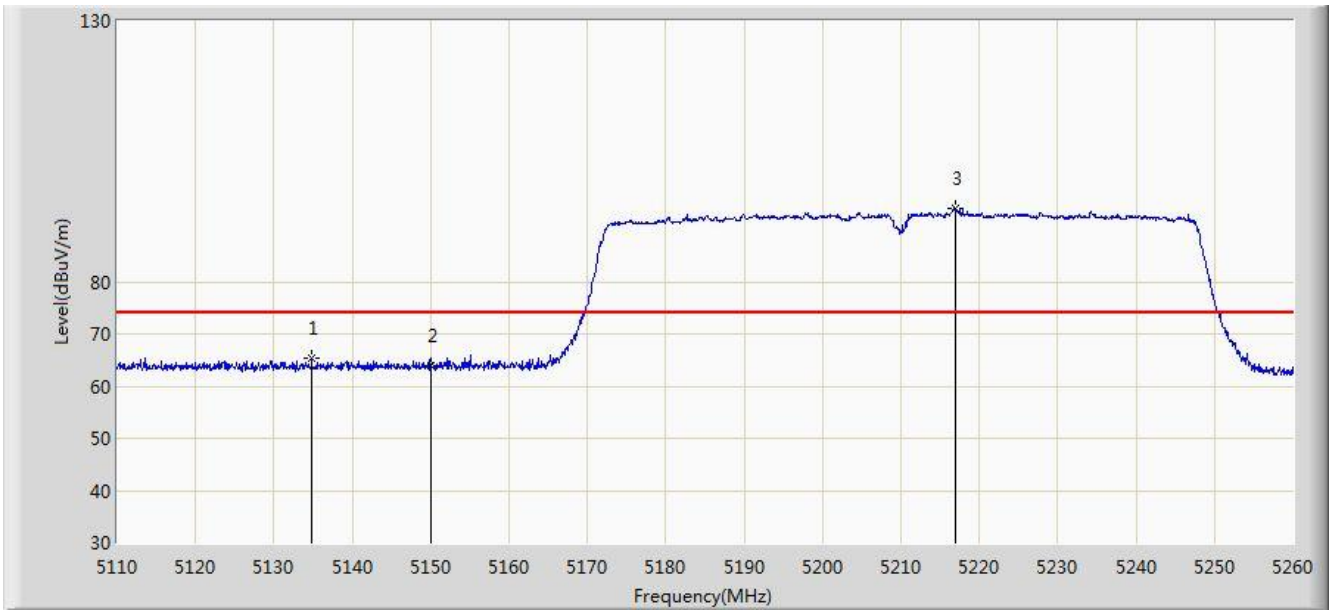


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5804.250	106.721	66.240	N/A	N/A	40.482	PK
2			5850.000	64.117	23.451	-58.083	122.200	40.666	PK
3			5855.000	63.940	23.262	-46.860	110.800	40.678	PK
4			5875.000	64.364	23.644	-40.836	105.200	40.720	PK
5			5925.000	63.867	23.075	-10.133	74.000	40.792	PK
6		*	5947.350	66.543	25.728	-7.457	74.000	40.815	PK

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

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

Site: AC1	Time: 2017/03/21 - 17:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

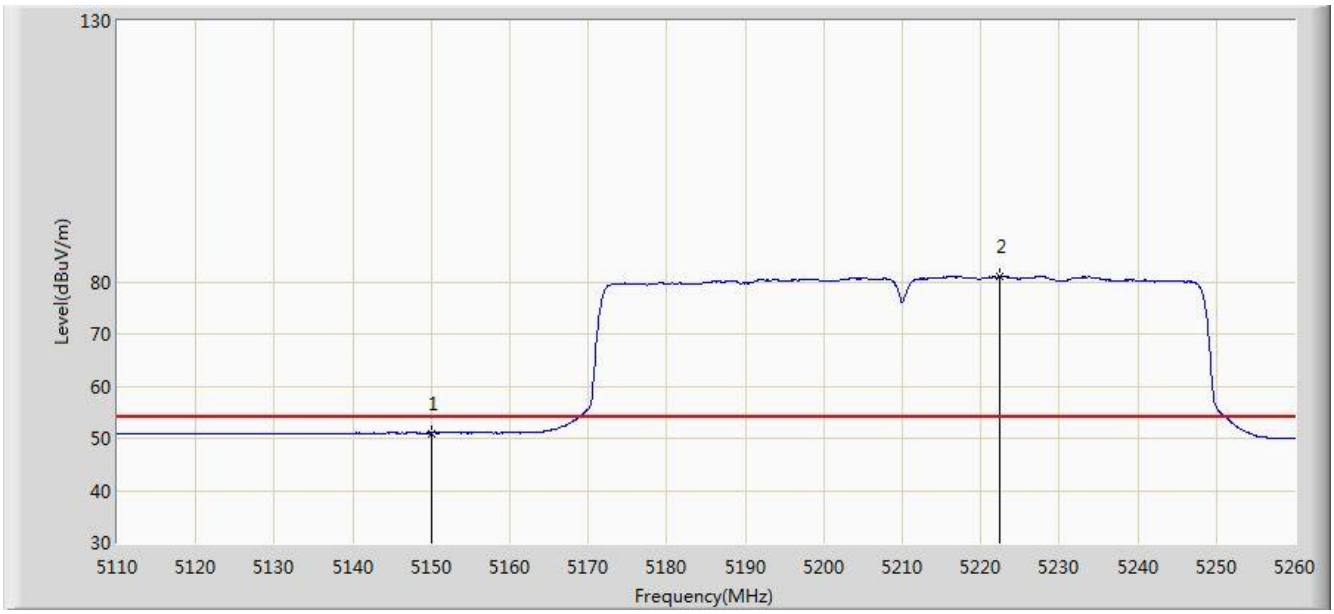


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5134.825	65.276	25.831	-8.724	74.000	39.445	PK
2			5150.000	64.055	24.614	-9.945	74.000	39.442	PK
3		*	5216.875	93.942	54.660	N/A	N/A	39.281	PK

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

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

Site: AC1	Time: 2017/03/21 - 17:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

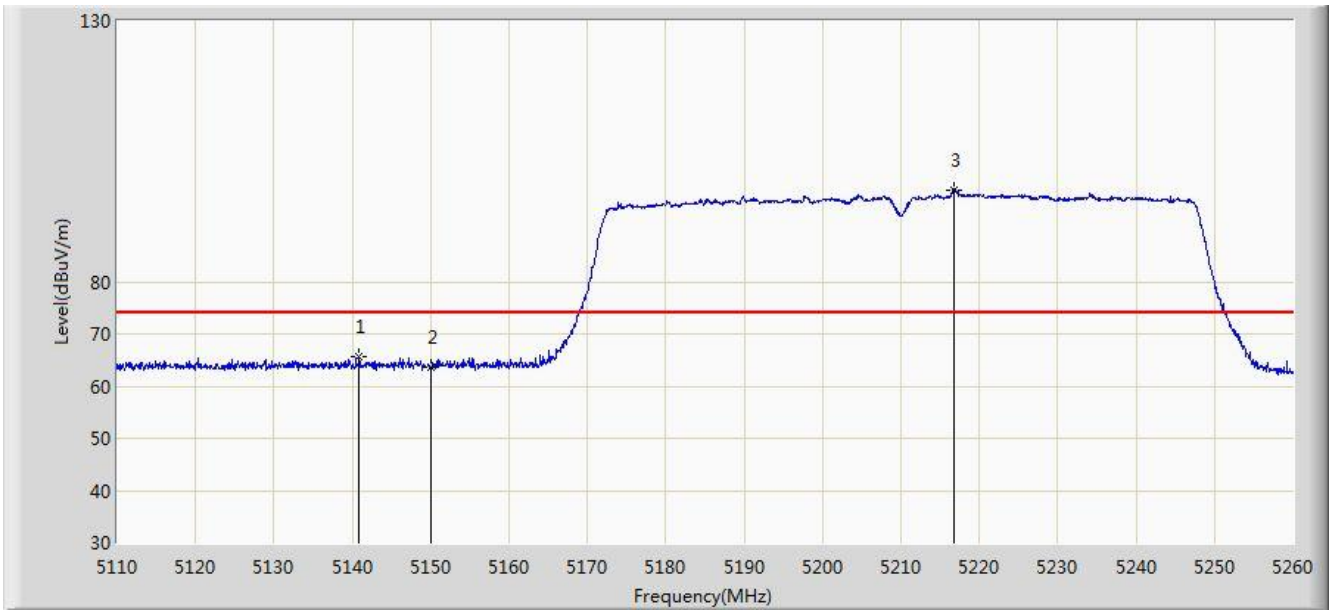


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.003	11.562	-2.997	54.000	39.442	AV
2		*	5222.350	80.905	41.635	N/A	N/A	39.270	AV

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

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

Site: AC1	Time: 2017/03/21 - 17:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

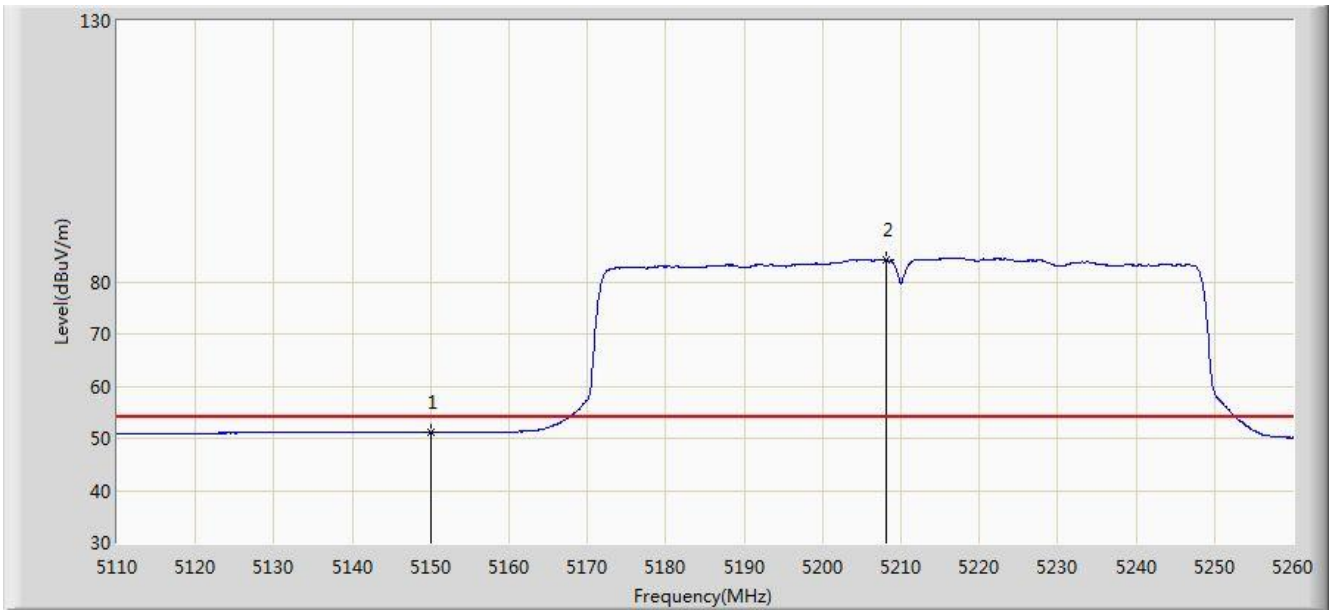


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5140.900	65.771	26.325	-8.229	74.000	39.445	PK
2			5150.000	63.678	24.237	-10.322	74.000	39.442	PK
3		*	5216.800	97.575	58.293	N/A	N/A	39.282	PK

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

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

Site: AC1	Time: 2017/03/21 - 17:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

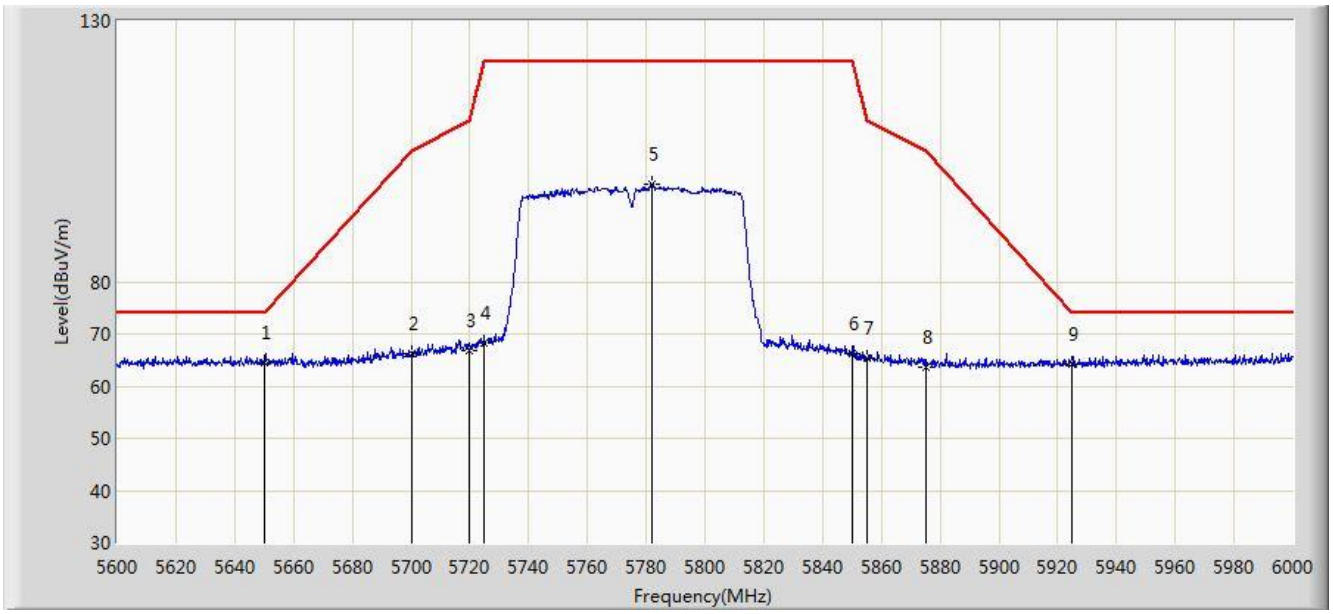


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.182	11.741	-2.818	54.000	39.442	AV
2		*	5208.175	84.193	44.892	N/A	N/A	39.300	AV

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

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

Site: AC1	Time: 2017/03/21 - 18:45
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0	

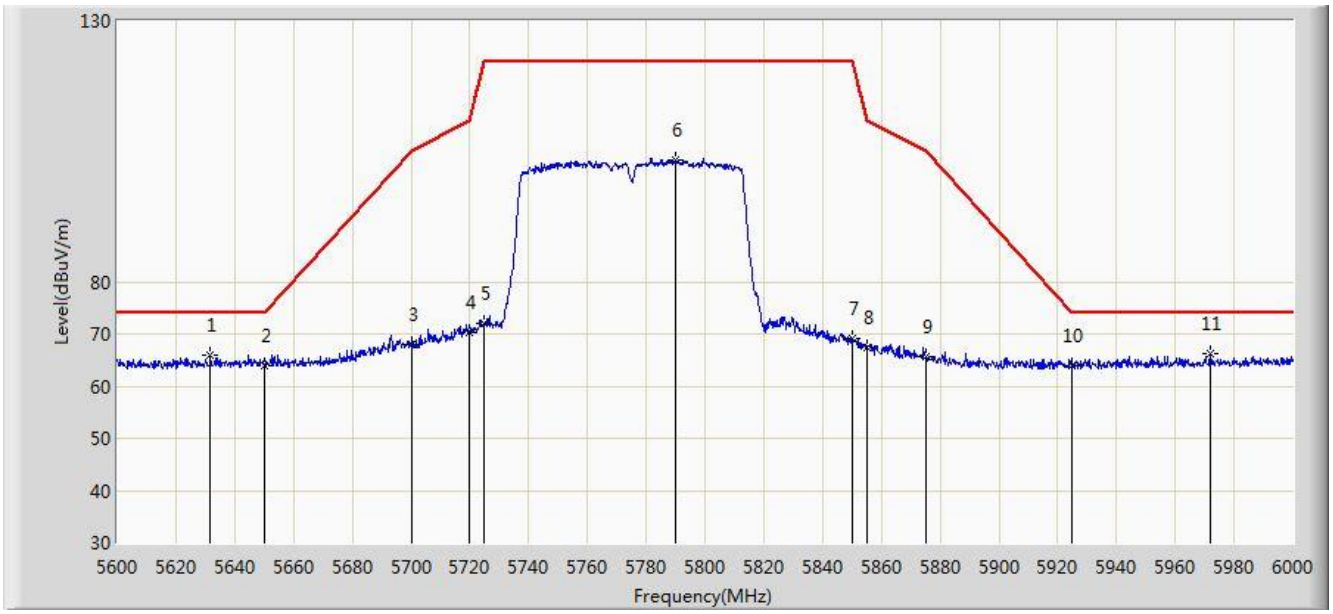


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	64.399	24.470	-9.601	74.000	39.929	PK
2			5700.000	66.112	26.055	-39.088	105.200	40.057	PK
3			5720.000	66.785	26.644	-44.015	110.800	40.141	PK
4			5725.000	68.215	28.051	-53.985	122.200	40.164	PK
5			5782.000	98.711	58.314	N/A	N/A	40.397	PK
6			5850.000	66.284	25.618	-55.916	122.200	40.666	PK
7			5855.000	65.316	24.638	-45.484	110.800	40.678	PK
8			5875.000	63.689	22.969	-41.511	105.200	40.720	PK
9			5925.000	64.247	23.455	-9.753	74.000	40.792	PK

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

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

Site: AC1	Time: 2017/03/21 - 18:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0	

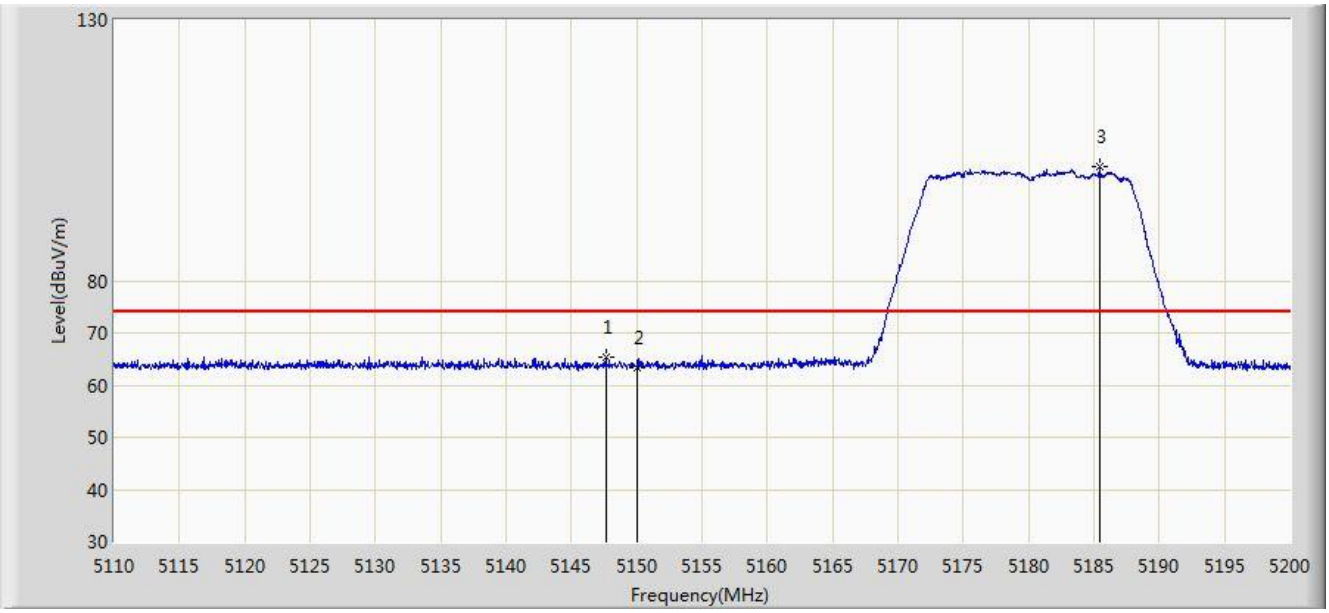


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5631.600	65.940	26.048	-8.060	74.000	39.893	PK
2			5650.000	64.056	24.127	-9.944	74.000	39.929	PK
3			5700.000	67.933	27.876	-37.267	105.200	40.057	PK
4			5720.000	70.342	30.201	-40.458	110.800	40.141	PK
5			5725.000	72.056	31.892	-50.144	122.200	40.164	PK
6			5789.800	103.456	63.031	N/A	N/A	40.425	PK
7			5850.000	69.005	28.339	-53.195	122.200	40.666	PK
8			5855.000	67.326	26.648	-43.474	110.800	40.678	PK
9			5875.000	65.641	24.921	-39.559	105.200	40.720	PK
10			5925.000	63.787	22.995	-10.213	74.000	40.792	PK
11		*	5971.800	66.187	25.359	-7.813	74.000	40.827	PK

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

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

Site: AC1	Time: 2017/03/21 - 20:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	

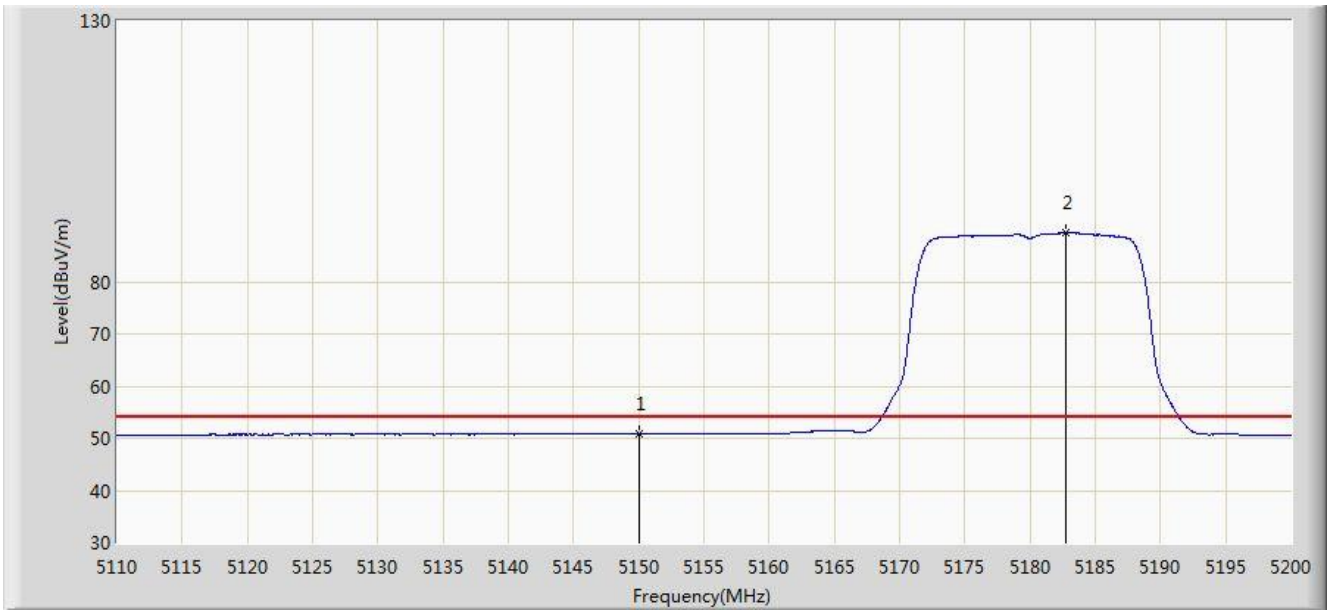


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.620	65.395	25.949	-8.605	74.000	39.446	PK
2			5150.000	63.353	23.912	-10.647	74.000	39.442	PK
3		*	5185.420	101.775	62.419	N/A	N/A	39.355	PK

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

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

Site: AC1	Time: 2017/03/21 - 20:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	

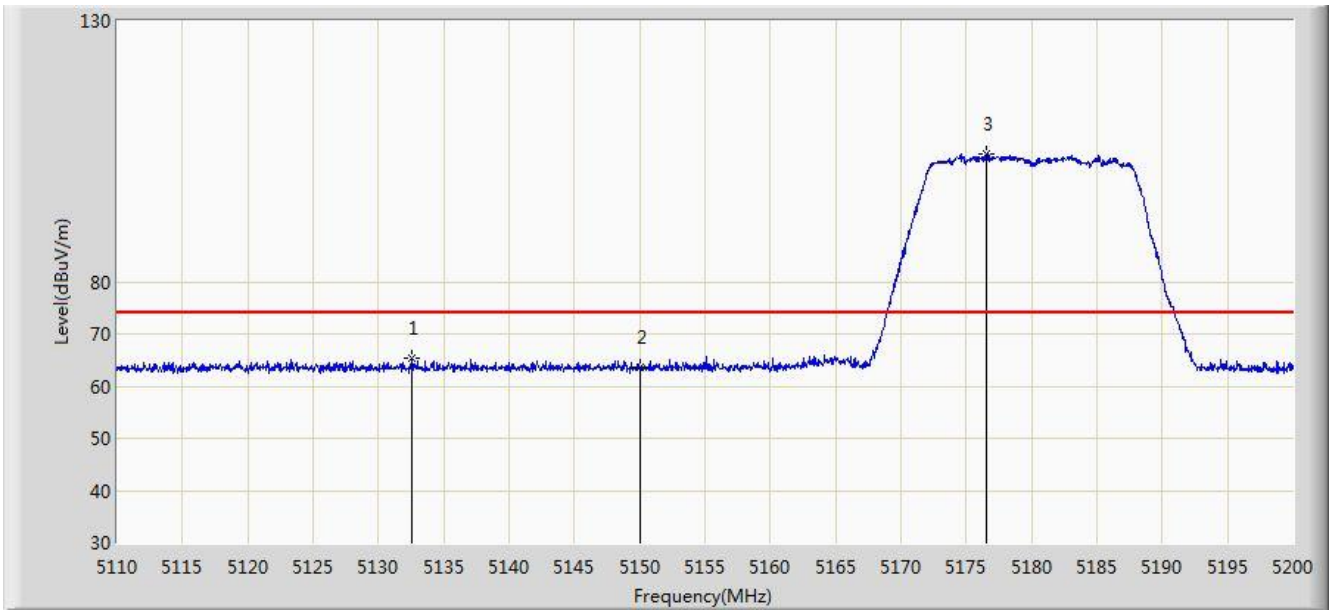


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.805	11.364	-3.195	54.000	39.442	AV
2		*	5182.720	89.422	50.060	N/A	N/A	39.363	AV

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

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

Site: AC1	Time: 2017/03/21 - 20:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD small omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5132.590	65.252	25.807	-8.748	74.000	39.445	PK
2			5150.000	63.623	24.182	-10.377	74.000	39.442	PK
3		*	5176.510	104.480	65.102	N/A	N/A	39.378	PK

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

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