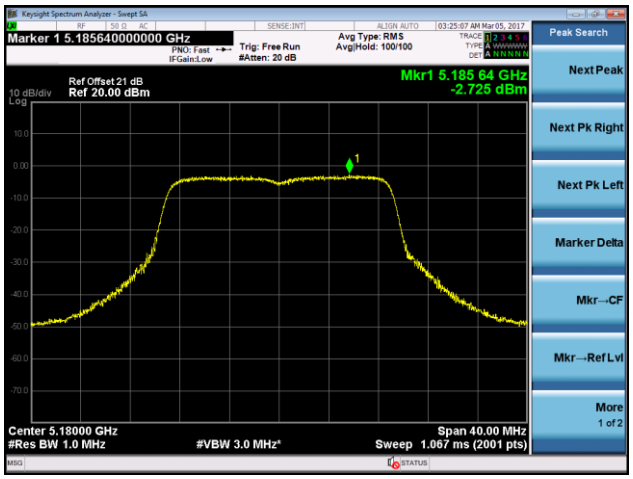
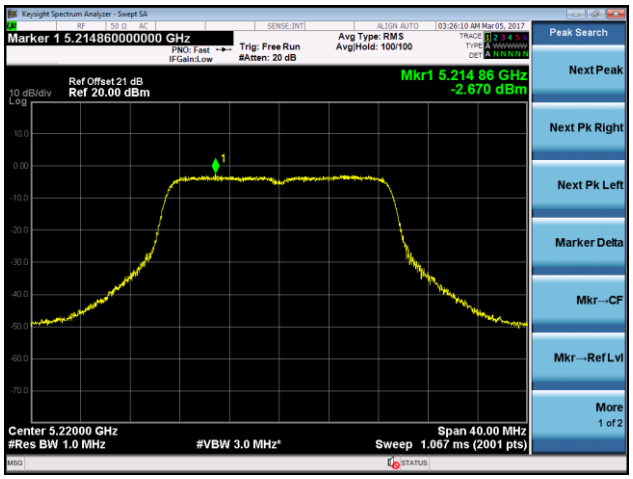
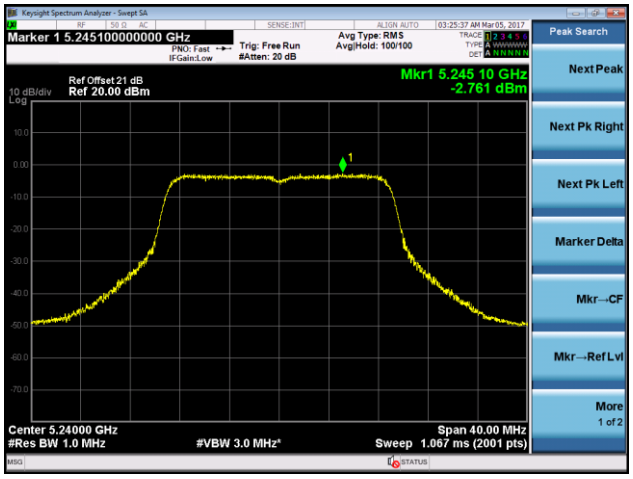
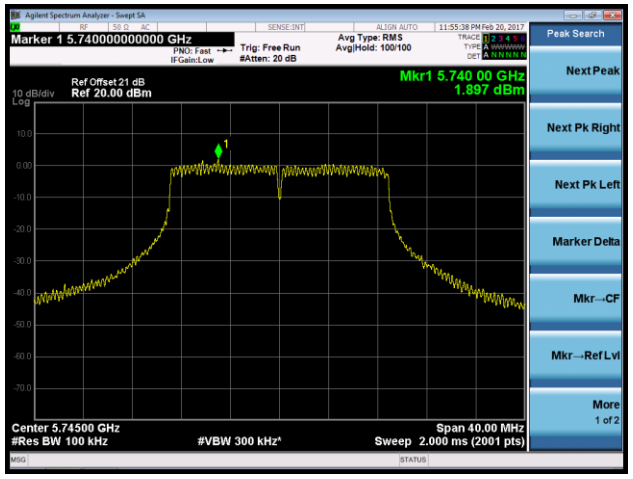
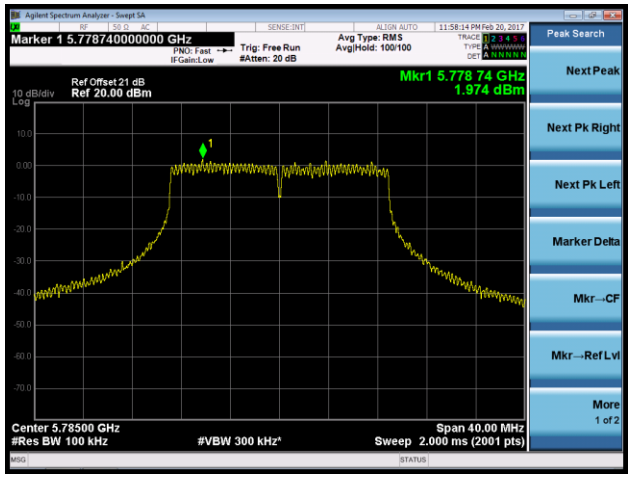
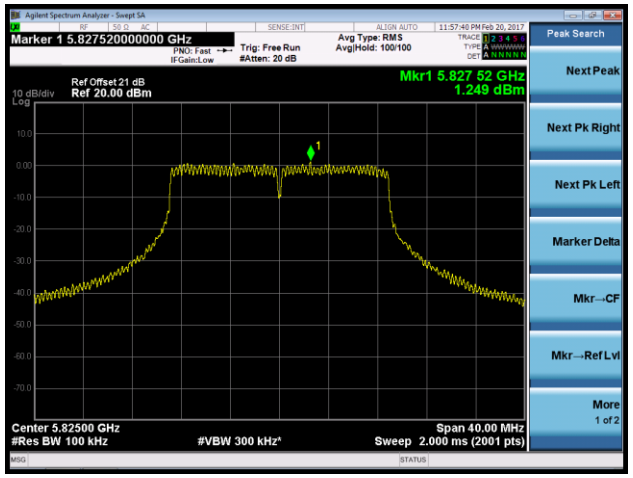
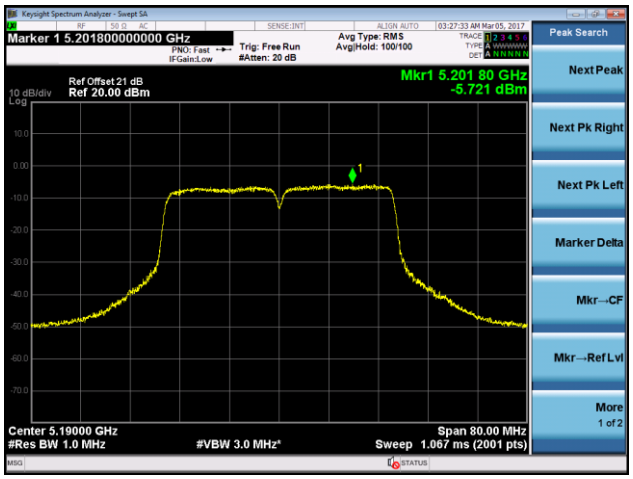
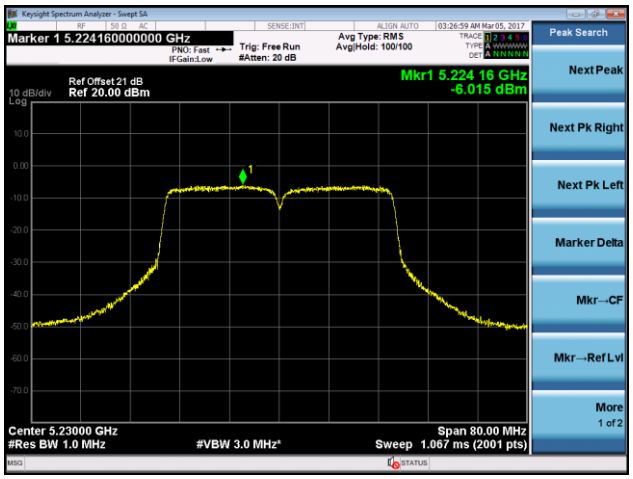
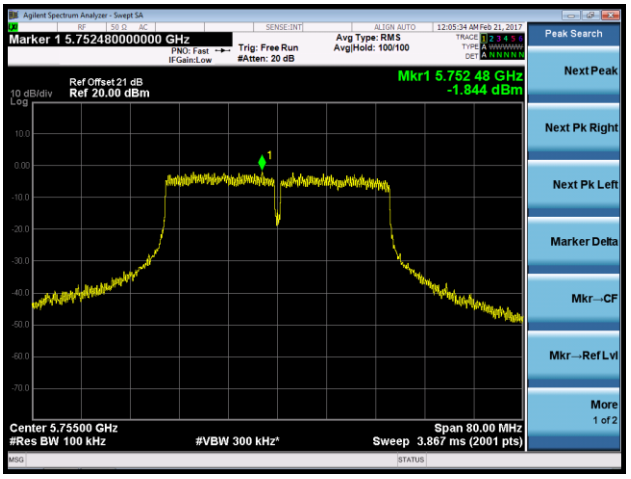
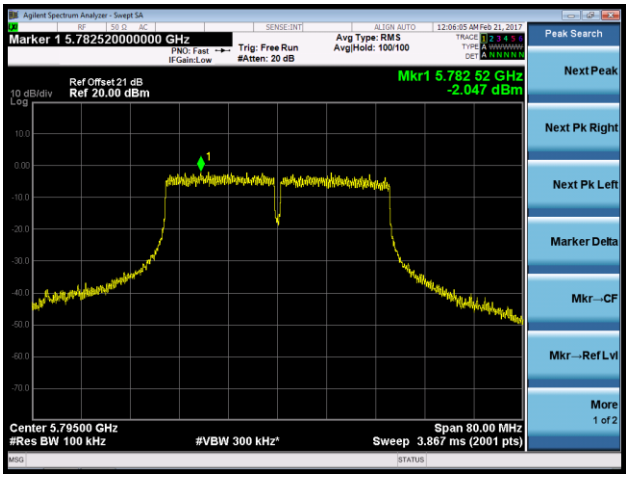
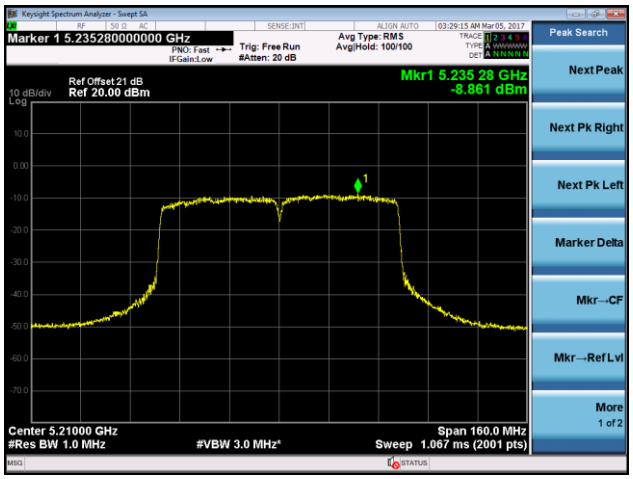
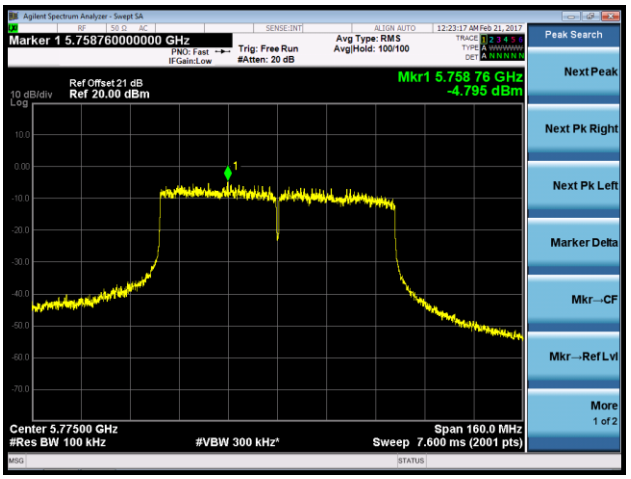
802.11ac-VHT20 Power Spectral Density - Ant 2 / Ant 1 + 2	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

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

802.11ac-VHT80 Power Spectral Density - Ant 2 / Ant 1 + 2	
Channel 42 (5210MHz)	**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:

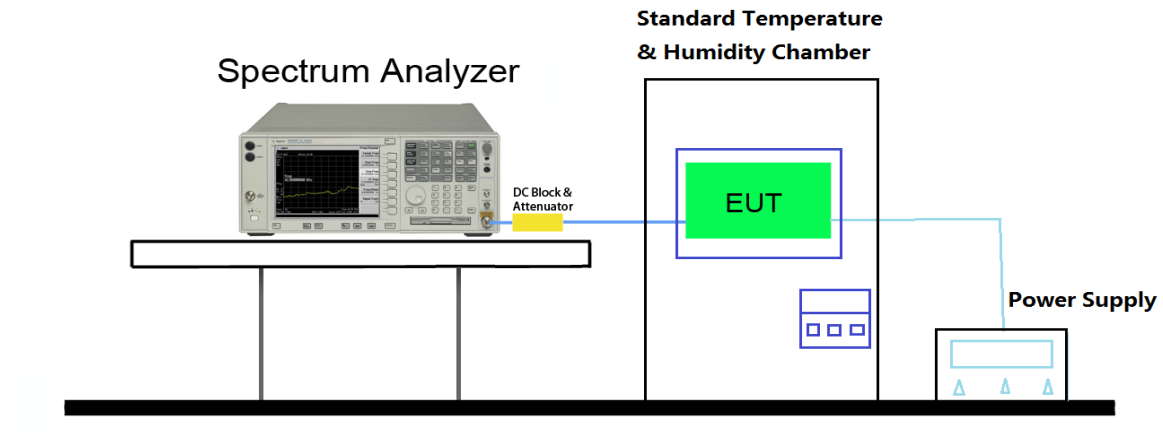
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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	2017/02/18	Relative Humidity	52%RH

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	6.81	5.83	3.61	4.56
		- 20	4.68	5.86	5.64	3.97
		- 10	5.48	5.07	3.38	3.76
		0	5.61	7.06	7.46	3.83
		+ 10	5.20	2.84	5.19	5.26
		+ 20 (Ref)	4.56	5.86	3.77	5.02
		+ 30	6.85	7.18	3.49	3.44
		+ 40	5.22	4.10	3.25	6.71
		+ 50	5.65	3.42	-1.01	3.75
115%	138	+ 20	4.79	4.74	4.77	4.56
85%	102	+ 20	4.76	4.42	4.08	2.00

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

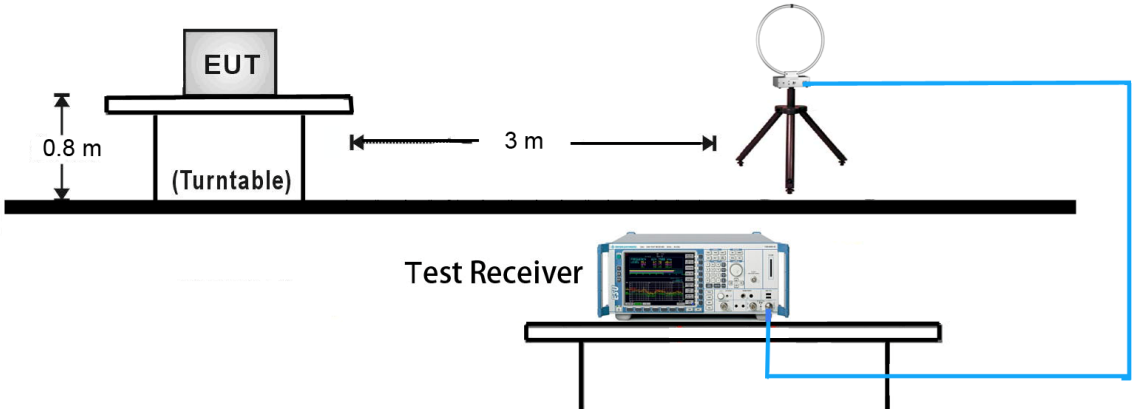
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

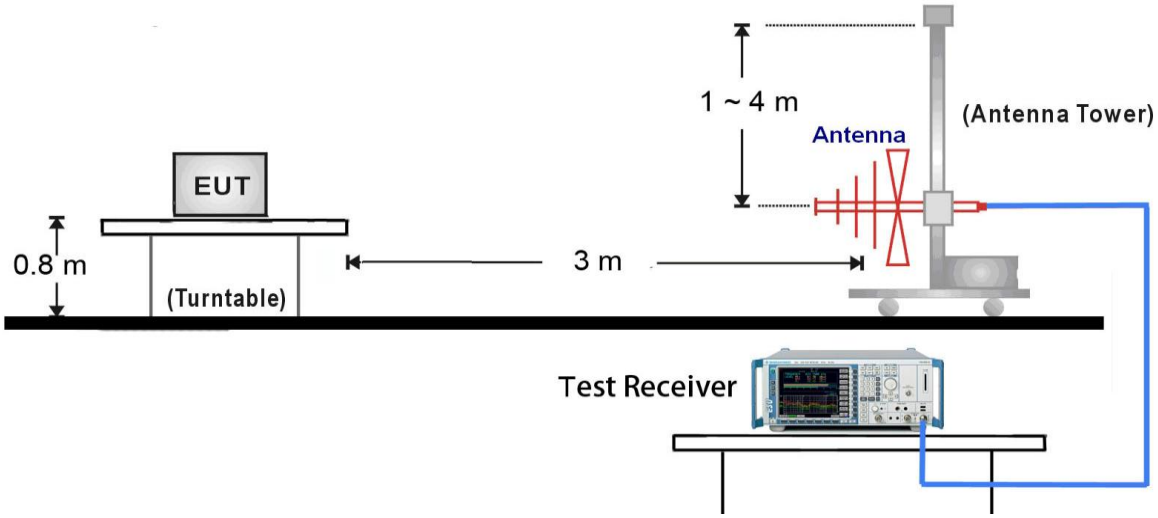
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (Average)
5. Number of measurement points = 1001 (Number of points must be > 2 x span/RBW)
6. Sweep time = auto
7. Trace was averaged over at 100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

7.8.4. Test Setup

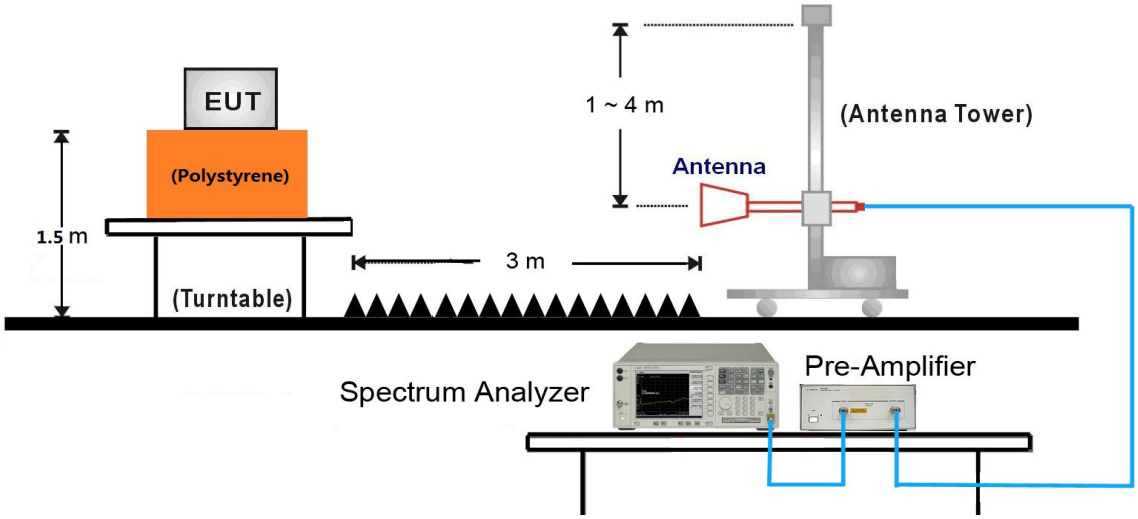
9kHz ~ 30MHz Test Setup:



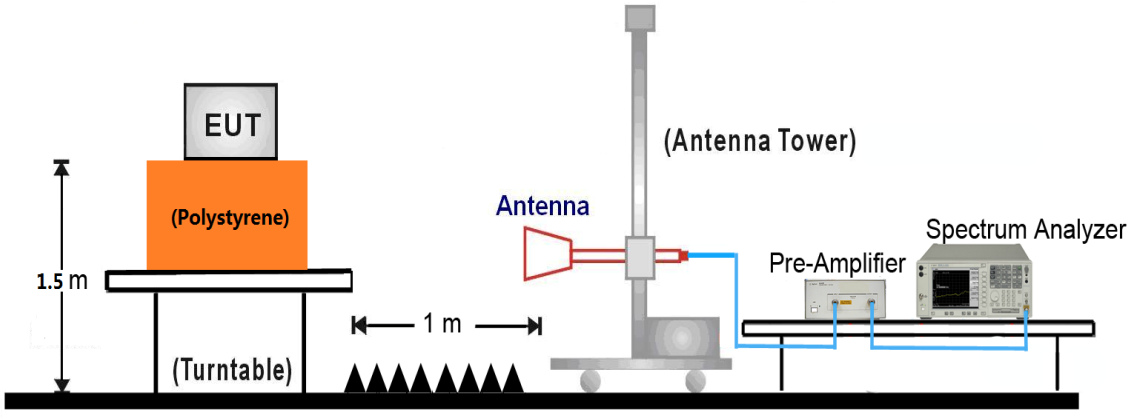
30MHz ~ 1GHz Test Setup:



1GHz ~18GHz Test Setup:



18GHz ~40GHz Test Setup:



7.8.5. Test Result

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7502.5	31.3	12.8	44.1	74.0	-29.9	Peak	Horizontal
*	8157.0	31.8	12.1	43.9	74.0	-30.1	Peak	Horizontal
	8667.0	30.9	13.6	44.5	68.2	-23.7	Peak	Horizontal
	10154.5	31.9	16.0	47.9	68.2	-20.3	Peak	Horizontal
*	7545.0	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
*	8131.5	32.4	12.2	44.6	74.0	-29.4	Peak	Vertical
	8726.5	30.6	13.8	44.4	68.2	-23.8	Peak	Vertical
	10324.5	31.3	16.7	48.0	68.2	-20.2	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:	44	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7519.5	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
*	8157.0	31.8	12.1	43.9	74.0	-30.1	Peak	Horizontal
	8777.5	30.9	13.9	44.8	68.2	-23.4	Peak	Horizontal
	10290.5	30.7	16.6	47.3	68.2	-20.9	Peak	Horizontal
*	7630.0	32.1	12.6	44.7	74.0	-29.3	Peak	Vertical
*	8089.0	32.0	12.3	44.3	74.0	-29.7	Peak	Vertical
	8896.5	30.6	14.0	44.6	68.2	-23.6	Peak	Vertical
	10520.0	30.8	17.2	48.0	68.2	-20.2	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:	48	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7426.0	31.5	12.7	44.2	74.0	-29.8	Peak	Horizontal
*	8386.5	32.2	12.1	44.3	74.0	-29.7	Peak	Horizontal
	8667.0	30.7	13.6	44.3	68.2	-23.9	Peak	Horizontal
	10188.5	31.3	16.2	47.5	68.2	-20.7	Peak	Horizontal
*	7426.0	31.5	12.7	44.2	74.0	-29.8	Peak	Vertical
*	8148.5	30.9	12.1	43.0	74.0	-31.0	Peak	Vertical
	8735.0	30.8	13.9	44.7	68.2	-23.5	Peak	Vertical
	10188.5	31.3	16.2	47.5	68.2	-20.7	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:	149	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7604.5	31.3	12.7	44.0	74.0	-30.0	Peak	Horizontal
*	8165.5	31.2	12.1	43.3	74.0	-30.7	Peak	Horizontal
	8854.0	31.1	14.0	45.1	68.2	-23.1	Peak	Horizontal
	10307.5	30.7	16.6	47.3	68.2	-20.9	Peak	Horizontal
*	7477.0	31.6	12.8	44.4	74.0	-29.6	Peak	Vertical
*	8148.5	31.5	12.1	43.6	74.0	-30.4	Peak	Vertical
	8760.5	30.6	13.9	44.5	68.2	-23.7	Peak	Vertical
	10154.5	31.2	16.0	47.2	68.2	-21.0	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:	157	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7528.0	31.2	12.8	44.0	74.0	-30.0	Peak	Horizontal
*	8182.5	31.7	12.0	43.7	74.0	-30.3	Peak	Horizontal
	8760.5	31.0	13.9	44.9	68.2	-23.3	Peak	Horizontal
	10146.0	31.6	16.0	47.6	68.2	-20.6	Peak	Horizontal
*	7536.5	31.0	12.8	43.8	74.0	-30.2	Peak	Vertical
*	8140.0	31.2	12.2	43.4	74.0	-30.6	Peak	Vertical
	8718.0	31.4	13.8	45.2	68.2	-23.0	Peak	Vertical
	10520.0	30.4	17.2	47.6	68.2	-20.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7613.0	31.5	12.6	44.1	74.0	-29.9	Peak	Horizontal
*	8233.5	31.8	11.9	43.7	74.0	-30.3	Peak	Horizontal
	8828.5	30.6	14.0	44.6	68.2	-23.6	Peak	Horizontal
	10307.5	30.7	16.6	47.3	68.2	-20.9	Peak	Horizontal
*	7502.5	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
*	8148.5	32.6	12.1	44.7	74.0	-29.3	Peak	Vertical
	8837.0	30.9	14.0	44.9	68.2	-23.3	Peak	Vertical
	10307.5	30.7	16.6	47.3	68.2	-20.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7468.5	31.6	12.8	44.4	74.0	-29.6	Peak	Horizontal
*	8131.5	31.7	12.2	43.9	74.0	-30.1	Peak	Horizontal
	8760.5	30.4	13.9	44.3	68.2	-23.9	Peak	Horizontal
	10426.5	30.8	17.0	47.8	68.2	-20.4	Peak	Horizontal
*	7553.5	32.0	12.8	44.8	74.0	-29.2	Peak	Vertical
*	8140.0	31.5	12.2	43.7	74.0	-30.3	Peak	Vertical
	8845.5	31.6	14.0	45.6	68.2	-22.6	Peak	Vertical
	10120.5	31.5	15.8	47.3	68.2	-20.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7502.5	31.5	12.8	44.3	74.0	-29.7	Peak	Horizontal
*	8097.5	33.0	12.3	45.3	74.0	-28.7	Peak	Horizontal
	8667.0	30.8	13.6	44.4	68.2	-23.8	Peak	Horizontal
	10129.0	30.4	15.9	46.3	68.2	-21.9	Peak	Horizontal
*	7502.5	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
*	8174.0	32.0	12.0	44.0	74.0	-30.0	Peak	Vertical
	8743.5	30.8	13.9	44.7	68.2	-23.5	Peak	Vertical
	10299.0	30.1	16.6	46.7	68.2	-21.5	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 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7502.5	31.1	12.8	43.9	74.0	-30.1	Peak	Horizontal
*	8216.5	31.6	11.9	43.5	74.0	-30.5	Peak	Horizontal
	8701.0	31.0	13.8	44.8	68.2	-23.4	Peak	Horizontal
	10418.0	31.0	17.0	48.0	68.2	-20.2	Peak	Horizontal
*	7494.0	30.9	12.8	43.7	74.0	-30.3	Peak	Vertical
*	8089.0	31.5	12.3	43.8	74.0	-30.2	Peak	Vertical
	8743.5	30.4	13.9	44.3	68.2	-23.9	Peak	Vertical
	10418.0	30.8	17.0	47.8	68.2	-20.4	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:	149	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7451.5	30.9	12.8	43.7	74.0	-30.3	Peak	Horizontal
*	8182.5	31.4	12.0	43.4	74.0	-30.6	Peak	Horizontal
	8769.0	30.9	13.9	44.8	68.2	-23.4	Peak	Horizontal
	10384.0	31.0	16.9	47.9	68.2	-20.3	Peak	Horizontal
*	7528.0	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
*	8216.5	31.9	11.9	43.8	74.0	-30.2	Peak	Vertical
	8701.0	30.8	13.8	44.6	68.2	-23.6	Peak	Vertical
	10392.5	30.6	16.9	47.5	68.2	-20.7	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.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7579.0	31.7	12.7	44.4	74.0	-29.6	Peak	Horizontal
*	8089.0	31.0	12.3	43.3	74.0	-30.7	Peak	Horizontal
	8743.5	31.1	13.9	45.0	68.2	-23.2	Peak	Horizontal
	10188.5	30.9	16.2	47.1	68.2	-21.1	Peak	Horizontal
*	7587.5	31.5	12.7	44.2	74.0	-29.8	Peak	Vertical
*	8233.5	32.3	11.9	44.2	74.0	-29.8	Peak	Vertical
	8701.0	30.5	13.8	44.3	68.2	-23.9	Peak	Vertical
	10324.5	30.3	16.7	47.0	68.2	-21.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7553.5	31.0	12.8	43.8	74.0	-30.2	Peak	Horizontal
*	8225.0	31.7	11.9	43.6	74.0	-30.4	Peak	Horizontal
	8828.5	30.6	14.0	44.6	68.2	-23.6	Peak	Horizontal
	10418.0	30.5	17.0	47.5	68.2	-20.7	Peak	Horizontal
*	7536.5	31.4	12.8	44.2	74.0	-29.8	Peak	Vertical
*	8199.5	32.0	12.0	44.0	74.0	-30.0	Peak	Vertical
	8675.5	31.1	13.7	44.8	68.2	-23.4	Peak	Vertical
	9950.5	31.5	15.3	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)

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7375.0	31.7	12.5	44.2	74.0	-29.8	Peak	Horizontal
*	8216.5	32.0	11.9	43.9	74.0	-30.1	Peak	Horizontal
	8743.5	31.5	13.9	45.4	68.2	-22.8	Peak	Horizontal
	10358.5	30.9	16.8	47.7	68.2	-20.5	Peak	Horizontal
*	7409.0	31.8	12.6	44.4	74.0	-29.6	Peak	Vertical
*	8072.0	31.5	12.4	43.9	74.0	-30.1	Peak	Vertical
	8726.5	30.7	13.8	44.5	68.2	-23.7	Peak	Vertical
	10180.0	30.4	16.1	46.5	68.2	-21.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7511.0	30.8	12.8	43.6	74.0	-30.4	Peak	Horizontal
*	8140.0	32.1	12.2	44.3	74.0	-29.7	Peak	Horizontal
	8718.0	29.9	13.8	43.7	68.2	-24.5	Peak	Horizontal
	10180.0	31.4	16.1	47.5	68.2	-20.7	Peak	Horizontal
*	7494.0	32.0	12.8	44.8	74.0	-29.2	Peak	Vertical
*	8131.5	31.1	12.2	43.3	74.0	-30.7	Peak	Vertical
	8675.5	30.7	13.7	44.4	68.2	-23.8	Peak	Vertical
	10358.5	30.9	16.8	47.7	68.2	-20.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7468.5	31.2	12.8	44.0	74.0	-30.0	Peak	Horizontal
*	8165.5	32.7	12.1	44.8	74.0	-29.2	Peak	Horizontal
	8718.0	30.7	13.8	44.5	68.2	-23.7	Peak	Horizontal
	10375.5	31.2	16.9	48.1	68.2	-20.1	Peak	Horizontal
*	7553.5	31.4	12.8	44.2	74.0	-29.8	Peak	Vertical
*	8148.5	31.6	12.1	43.7	74.0	-30.3	Peak	Vertical
	8786.0	30.3	13.9	44.2	68.2	-24.0	Peak	Vertical
	10520.0	30.5	17.2	47.7	68.2	-20.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7570.5	31.2	12.8	44.0	74.0	-30.0	Peak	Horizontal
*	8165.5	31.1	12.1	43.2	74.0	-30.8	Peak	Horizontal
	8650.0	30.9	13.6	44.5	68.2	-23.7	Peak	Horizontal
	10171.5	30.4	16.1	46.5	68.2	-21.7	Peak	Horizontal
*	7477.0	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
*	8131.5	30.2	12.2	42.4	74.0	-31.6	Peak	Vertical
	8709.5	30.6	13.8	44.4	68.2	-23.8	Peak	Vertical
	10460.5	30.2	17.1	47.3	68.2	-20.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7468.5	30.8	12.8	43.6	74.0	-30.4	Peak	Horizontal
*	8114.5	31.7	12.2	43.9	74.0	-30.1	Peak	Horizontal
	8735.0	30.8	13.9	44.7	68.2	-23.5	Peak	Horizontal
	10137.5	31.2	15.9	47.1	68.2	-21.1	Peak	Horizontal
*	7528.0	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
*	8174.0	31.2	12.0	43.2	74.0	-30.8	Peak	Vertical
	8769.0	30.7	13.9	44.6	68.2	-23.6	Peak	Vertical
	10384.0	30.5	16.9	47.4	68.2	-20.8	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 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7545.0	30.8	12.8	43.6	74.0	-30.4	Peak	Horizontal
*	8165.5	32.0	12.1	44.1	74.0	-29.9	Peak	Horizontal
	8828.5	30.0	14.0	44.0	68.2	-24.2	Peak	Horizontal
	10171.5	30.9	16.1	47.0	68.2	-21.2	Peak	Horizontal
*	7247.5	32.2	12.2	44.4	74.0	-29.6	Peak	Vertical
*	8165.5	30.3	12.1	42.4	74.0	-31.6	Peak	Vertical
	8743.5	30.7	13.9	44.6	68.2	-23.6	Peak	Vertical
	10180.0	30.5	16.1	46.6	68.2	-21.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7613.0	31.6	12.6	44.2	74.0	-29.8	Peak	Horizontal
*	8191.0	31.0	12.0	43.0	74.0	-31.0	Peak	Horizontal
	8811.5	30.3	14.0	44.3	68.2	-23.9	Peak	Horizontal
	10392.5	30.7	16.9	47.6	68.2	-20.6	Peak	Horizontal
*	7485.5	31.8	12.8	44.6	74.0	-29.4	Peak	Vertical
*	8165.5	31.7	12.1	43.8	74.0	-30.2	Peak	Vertical
	8701.0	30.2	13.8	44.0	68.2	-24.2	Peak	Vertical
	10341.5	30.5	16.7	47.2	68.2	-21.0	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 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7290.0	31.4	12.3	43.7	74.0	-30.3	Peak	Horizontal
*	8199.5	32.2	12.0	44.2	74.0	-29.8	Peak	Horizontal
	8769.0	30.0	13.9	43.9	68.2	-24.3	Peak	Horizontal
	10375.5	29.9	16.9	46.8	68.2	-21.4	Peak	Horizontal
*	7553.5	31.8	12.8	44.6	74.0	-29.4	Peak	Vertical
*	8199.5	30.9	12.0	42.9	74.0	-31.1	Peak	Vertical
	8718.0	30.4	13.8	44.2	68.2	-24.0	Peak	Vertical
	10520.0	31.5	17.2	48.7	68.2	-19.5	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:	157	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7519.5	30.7	12.8	43.5	74.0	-30.5	Peak	Horizontal
*	8131.5	31.7	12.2	43.9	74.0	-30.1	Peak	Horizontal
	8905.0	31.6	14.0	45.6	68.2	-22.6	Peak	Horizontal
	10324.5	31.0	16.7	47.7	68.2	-20.5	Peak	Horizontal
*	7460.0	31.0	12.8	43.8	74.0	-30.2	Peak	Vertical
*	8182.5	31.5	12.0	43.5	74.0	-30.5	Peak	Vertical
	8709.5	30.6	13.8	44.4	68.2	-23.8	Peak	Vertical
	10409.5	30.4	17.0	47.4	68.2	-20.8	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 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7434.5	30.6	12.7	43.3	74.0	-30.7	Peak	Horizontal
*	8089.0	31.0	12.3	43.3	74.0	-30.7	Peak	Horizontal
	8837.0	30.3	14.0	44.3	68.2	-23.9	Peak	Horizontal
	10129.0	30.2	15.9	46.1	68.2	-22.1	Peak	Horizontal
*	7528.0	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
*	8208.0	31.6	11.9	43.5	74.0	-30.5	Peak	Vertical
	8726.5	30.8	13.8	44.6	68.2	-23.6	Peak	Vertical
	10367.0	30.4	16.8	47.2	68.2	-21.0	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 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7604.5	31.6	12.7	44.3	74.0	-29.7	Peak	Horizontal
*	8225.0	32.3	11.9	44.2	74.0	-29.8	Peak	Horizontal
	8726.5	30.4	13.8	44.2	68.2	-24.0	Peak	Horizontal
	10367.0	30.7	16.8	47.5	68.2	-20.7	Peak	Horizontal
*	7366.5	31.8	12.5	44.3	74.0	-29.7	Peak	Vertical
*	8250.5	32.2	11.9	44.1	74.0	-29.9	Peak	Vertical
	8905.0	31.3	14.0	45.3	68.2	-22.9	Peak	Vertical
	10358.5	31.0	16.8	47.8	68.2	-20.4	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 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.0	12.8	43.8	74.0	-30.2	Peak	Horizontal
*	8174.0	31.4	12.0	43.4	74.0	-30.6	Peak	Horizontal
	8794.5	30.3	13.9	44.2	68.2	-24.0	Peak	Horizontal
	10231.0	30.7	16.4	47.1	68.2	-21.1	Peak	Horizontal
*	7502.5	30.9	12.8	43.7	74.0	-30.3	Peak	Vertical
*	8131.5	31.4	12.2	43.6	74.0	-30.4	Peak	Vertical
	8650.0	31.5	13.6	45.1	68.2	-23.1	Peak	Vertical
	10316.0	30.7	16.7	47.4	68.2	-20.8	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:	151	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7502.5	30.5	12.8	43.3	74.0	-30.7	Peak	Horizontal
*	8131.5	30.3	12.2	42.5	74.0	-31.5	Peak	Horizontal
	8607.5	30.8	13.5	44.3	68.2	-23.9	Peak	Horizontal
	10180.0	31.7	16.1	47.8	68.2	-20.4	Peak	Horizontal
*	7562.0	30.8	12.8	43.6	74.0	-30.4	Peak	Vertical
*	8174.0	31.4	12.0	43.4	74.0	-30.6	Peak	Vertical
	8701.0	30.8	13.8	44.6	68.2	-23.6	Peak	Vertical
	10375.5	31.3	16.9	48.2	68.2	-20.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7494.0	30.8	12.8	43.6	74.0	-30.4	Peak	Horizontal
*	8131.5	31.4	12.2	43.6	74.0	-30.4	Peak	Horizontal
	8616.0	30.4	13.5	43.9	68.2	-24.3	Peak	Horizontal
	10214.0	29.3	16.3	45.6	68.2	-22.6	Peak	Horizontal
*	7536.5	30.9	12.8	43.7	74.0	-30.3	Peak	Vertical
*	8157.0	32.1	12.1	44.2	74.0	-29.8	Peak	Vertical
	8709.5	30.5	13.8	44.3	68.2	-23.9	Peak	Vertical
	10392.5	30.6	16.9	47.5	68.2	-20.7	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:	42	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7519.5	31.1	12.8	43.9	74.0	-30.1	Peak	Horizontal
*	8165.5	30.7	12.1	42.8	74.0	-31.2	Peak	Horizontal
	8667.0	31.9	13.6	45.5	68.2	-22.7	Peak	Horizontal
	10350.0	30.6	16.8	47.4	68.2	-20.8	Peak	Horizontal
*	7426.0	31.6	12.7	44.3	74.0	-29.7	Peak	Vertical
*	8148.5	31.7	12.1	43.8	74.0	-30.2	Peak	Vertical
	8675.5	31.2	13.7	44.9	68.2	-23.3	Peak	Vertical
	10163.0	31.3	16.0	47.3	68.2	-20.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7332.5	30.3	12.4	42.7	74.0	-31.3	Peak	Horizontal
*	8131.5	30.8	12.2	43.0	74.0	-31.0	Peak	Horizontal
	8769.0	30.9	13.9	44.8	68.2	-23.4	Peak	Horizontal
	10188.5	31.5	16.2	47.7	68.2	-20.5	Peak	Horizontal
*	7460.0	31.0	12.8	43.8	74.0	-30.2	Peak	Vertical
*	8208.0	31.0	11.9	42.9	74.0	-31.1	Peak	Vertical
	8735.0	30.8	13.9	44.7	68.2	-23.5	Peak	Vertical
	10435.0	30.8	17.0	47.8	68.2	-20.4	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:	36	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.5	12.8	44.3	74.0	-29.7	Peak	Horizontal
*	8140.0	32.1	12.2	44.3	74.0	-29.7	Peak	Horizontal
	8726.5	31.0	13.8	44.8	68.2	-23.4	Peak	Horizontal
	10384.0	30.9	16.9	47.8	68.2	-20.4	Peak	Horizontal
*	7613.0	31.1	12.6	43.7	74.0	-30.3	Peak	Vertical
*	8233.5	30.5	11.9	42.4	74.0	-31.6	Peak	Vertical
	8760.5	30.6	13.9	44.5	68.2	-23.7	Peak	Vertical
	10307.5	30.1	16.6	46.7	68.2	-21.5	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 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7579.0	31.6	12.7	44.3	74.0	-29.7	Peak	Horizontal
*	8131.5	31.3	12.2	43.5	74.0	-30.5	Peak	Horizontal
	8786.0	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
	10307.5	30.1	16.6	46.7	68.2	-21.5	Peak	Horizontal
*	7307.0	30.0	12.3	42.3	74.0	-31.7	Peak	Vertical
*	8259.0	31.4	11.9	43.3	74.0	-30.7	Peak	Vertical
	8743.5	30.8	13.9	44.7	68.2	-23.5	Peak	Vertical
	10409.5	30.4	17.0	47.4	68.2	-20.8	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:	48	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7502.5	31.8	12.8	44.6	74.0	-29.4	Peak	Horizontal
*	8242.0	33.4	11.9	45.3	74.0	-28.7	Peak	Horizontal
	8624.5	31.2	13.5	44.7	68.2	-23.5	Peak	Horizontal
	10307.5	30.3	16.6	46.9	68.2	-21.3	Peak	Horizontal
*	7579.0	31.3	12.7	44.0	74.0	-30.0	Peak	Vertical
*	8140.0	31.5	12.2	43.7	74.0	-30.3	Peak	Vertical
	8760.5	30.1	13.9	44.0	68.2	-24.2	Peak	Vertical
	10316.0	30.2	16.7	46.9	68.2	-21.3	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 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7349.5	31.2	12.4	43.6	74.0	-30.4	Peak	Horizontal
*	8165.5	31.8	12.1	43.9	74.0	-30.1	Peak	Horizontal
	8752.0	31.0	13.9	44.9	68.2	-23.3	Peak	Horizontal
	10180.0	31.1	16.1	47.2	68.2	-21.0	Peak	Horizontal
*	7638.5	31.5	12.6	44.1	74.0	-29.9	Peak	Vertical
*	8250.5	31.4	11.9	43.3	74.0	-30.7	Peak	Vertical
	8752.0	31.1	13.9	45.0	68.2	-23.2	Peak	Vertical
	10180.0	30.3	16.1	46.4	68.2	-21.8	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:	157	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7502.5	31.2	12.8	44.0	74.0	-30.0	Peak	Horizontal
*	8157.0	32.2	12.1	44.3	74.0	-29.7	Peak	Horizontal
	8692.5	30.2	13.7	43.9	68.2	-24.3	Peak	Horizontal
	10375.5	29.9	16.9	46.8	68.2	-21.4	Peak	Horizontal
*	7417.5	30.9	12.6	43.5	74.0	-30.5	Peak	Vertical
*	8165.5	30.3	12.1	42.4	74.0	-31.6	Peak	Vertical
	8845.5	30.6	14.0	44.6	68.2	-23.6	Peak	Vertical
	10307.5	30.7	16.6	47.3	68.2	-20.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7375.0	31.3	12.5	43.8	74.0	-30.2	Peak	Horizontal
*	8199.5	31.7	12.0	43.7	74.0	-30.3	Peak	Horizontal
	8786.0	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
	10443.5	31.1	17.1	48.2	68.2	-20.0	Peak	Horizontal
*	7375.0	30.5	12.5	43.0	74.0	-31.0	Peak	Vertical
*	8106.0	31.1	12.3	43.4	74.0	-30.6	Peak	Vertical
	8735.0	30.8	13.9	44.7	68.2	-23.5	Peak	Vertical
	10350.0	29.4	16.8	46.2	68.2	-22.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7417.5	30.8	12.6	43.4	74.0	-30.6	Peak	Horizontal
*	8131.5	31.5	12.2	43.7	74.0	-30.3	Peak	Horizontal
	8845.5	31.3	14.0	45.3	68.2	-22.9	Peak	Horizontal
	10545.5	30.1	17.2	47.3	68.2	-20.9	Peak	Horizontal
*	7468.5	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
*	8148.5	31.2	12.1	43.3	74.0	-30.7	Peak	Vertical
	8658.5	31.4	13.6	45.0	68.2	-23.2	Peak	Vertical
	10409.5	30.7	17.0	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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
*	8208.0	32.3	11.9	44.2	74.0	-29.8	Peak	Horizontal
	8624.5	30.8	13.5	44.3	68.2	-23.9	Peak	Horizontal
	10163.0	31.2	16.0	47.2	68.2	-21.0	Peak	Horizontal
*	7468.5	31.5	12.8	44.3	74.0	-29.7	Peak	Vertical
*	8131.5	30.5	12.2	42.7	74.0	-31.3	Peak	Vertical
	8726.5	30.1	13.8	43.9	68.2	-24.3	Peak	Vertical
	10375.5	30.8	16.9	47.7	68.2	-20.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7528.0	31.1	12.8	43.9	74.0	-30.1	Peak	Horizontal
*	8097.5	31.3	12.3	43.6	74.0	-30.4	Peak	Horizontal
	8667.0	30.9	13.6	44.5	68.2	-23.7	Peak	Horizontal
	10163.0	31.5	16.0	47.5	68.2	-20.7	Peak	Horizontal
*	7392.0	32.1	12.6	44.7	74.0	-29.3	Peak	Vertical
*	8208.0	31.9	11.9	43.8	74.0	-30.2	Peak	Vertical
	8888.0	29.9	14.0	43.9	68.2	-24.3	Peak	Vertical
	10154.5	30.7	16.0	46.7	68.2	-21.5	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.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7511.0	31.1	12.8	43.9	74.0	-30.1	Peak	Horizontal
*	8165.5	31.0	12.1	43.1	74.0	-30.9	Peak	Horizontal
	8735.0	30.3	13.9	44.2	68.2	-24.0	Peak	Horizontal
	10299.0	29.8	16.6	46.4	68.2	-21.8	Peak	Horizontal
*	7460.0	30.9	12.8	43.7	74.0	-30.3	Peak	Vertical
*	8199.5	30.3	12.0	42.3	74.0	-31.7	Peak	Vertical
	8641.5	30.0	13.5	43.5	68.2	-24.7	Peak	Vertical
	10197.0	29.3	16.2	45.5	68.2	-22.7	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:	157	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7604.5	30.9	12.7	43.6	74.0	-30.4	Peak	Horizontal
*	8106.0	31.4	12.3	43.7	74.0	-30.3	Peak	Horizontal
	8573.5	30.8	13.3	44.1	68.2	-24.1	Peak	Horizontal
	10299.0	30.7	16.6	47.3	68.2	-20.9	Peak	Horizontal
*	7536.5	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
*	8165.5	31.3	12.1	43.4	74.0	-30.6	Peak	Vertical
	8590.5	30.9	13.4	44.3	68.2	-23.9	Peak	Vertical
	10392.5	30.8	16.9	47.7	68.2	-20.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7443.0	31.6	12.7	44.3	74.0	-29.7	Peak	Horizontal
*	8199.5	30.5	12.0	42.5	74.0	-31.5	Peak	Horizontal
	8616.0	31.1	13.5	44.6	68.2	-23.6	Peak	Horizontal
	10180.0	31.6	16.1	47.7	68.2	-20.5	Peak	Horizontal
*	7519.5	31.5	12.8	44.3	74.0	-29.7	Peak	Vertical
*	8148.5	31.8	12.1	43.9	74.0	-30.1	Peak	Vertical
	8667.0	30.9	13.6	44.5	68.2	-23.7	Peak	Vertical
	10426.5	30.4	17.0	47.4	68.2	-20.8	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:	38	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7426.0	31.3	12.7	44.0	74.0	-30.0	Peak	Horizontal
*	8140.0	31.7	12.2	43.9	74.0	-30.1	Peak	Horizontal
	8794.5	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
	10188.5	31.2	16.2	47.4	68.2	-20.8	Peak	Horizontal
*	7375.0	31.1	12.5	43.6	74.0	-30.4	Peak	Vertical
*	8199.5	30.6	12.0	42.6	74.0	-31.4	Peak	Vertical
	8539.5	31.7	13.1	44.8	68.2	-23.4	Peak	Vertical
	10129.0	30.8	15.9	46.7	68.2	-21.5	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:	46	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7562.0	31.2	12.8	44.0	74.0	-30.0	Peak	Horizontal
*	8165.5	30.9	12.1	43.0	74.0	-31.0	Peak	Horizontal
	8658.5	31.8	13.6	45.4	68.2	-22.8	Peak	Horizontal
	10188.5	31.1	16.2	47.3	68.2	-20.9	Peak	Horizontal
*	7536.5	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
*	8216.5	32.3	11.9	44.2	74.0	-29.8	Peak	Vertical
	8769.0	30.3	13.9	44.2	68.2	-24.0	Peak	Vertical
	10180.0	31.2	16.1	47.3	68.2	-20.9	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.7	12.8	43.5	74.0	-30.5	Peak	Horizontal
*	8199.5	31.5	12.0	43.5	74.0	-30.5	Peak	Horizontal
	8726.5	30.6	13.8	44.4	68.2	-23.8	Peak	Horizontal
	10316.0	30.1	16.7	46.8	68.2	-21.4	Peak	Horizontal
*	7494.0	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
*	8131.5	31.8	12.2	44.0	74.0	-30.0	Peak	Vertical
	8718.0	31.6	13.8	45.4	68.2	-22.8	Peak	Vertical
	10367.0	30.4	16.8	47.2	68.2	-21.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.2	12.8	44.0	74.0	-30.0	Peak	Horizontal
*	8216.5	32.1	11.9	44.0	74.0	-30.0	Peak	Horizontal
	8743.5	31.5	13.9	45.4	68.2	-22.8	Peak	Horizontal
	10316.0	31.1	16.7	47.8	68.2	-20.4	Peak	Horizontal
*	7383.5	31.4	12.5	43.9	74.0	-30.1	Peak	Vertical
*	8182.5	32.2	12.0	44.2	74.0	-29.8	Peak	Vertical
	8845.5	30.7	14.0	44.7	68.2	-23.5	Peak	Vertical
	10401.0	29.9	16.9	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)

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7375.0	30.7	12.5	43.2	74.0	-30.8	Peak	Horizontal
*	8131.5	29.5	12.2	41.7	74.0	-32.3	Peak	Horizontal
	8650.0	30.5	13.6	44.1	68.2	-24.1	Peak	Horizontal
	10486.0	29.3	17.1	46.4	68.2	-21.8	Peak	Horizontal
*	7528.0	31.9	12.8	44.7	74.0	-29.3	Peak	Vertical
*	8140.0	30.8	12.2	43.0	74.0	-31.0	Peak	Vertical
	8922.0	29.8	14.0	43.8	68.2	-24.4	Peak	Vertical
	10180.0	31.3	16.1	47.4	68.2	-20.8	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:	44	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7511.0	31.3	12.8	44.1	74.0	-29.9	Peak	Horizontal
*	8242.0	31.8	11.9	43.7	74.0	-30.3	Peak	Horizontal
	8692.5	30.4	13.7	44.1	68.2	-24.1	Peak	Horizontal
	10392.5	30.4	16.9	47.3	68.2	-20.9	Peak	Horizontal
*	7502.5	31.4	12.8	44.2	74.0	-29.8	Peak	Vertical
*	8225.0	31.8	11.9	43.7	74.0	-30.3	Peak	Vertical
	8820.0	30.4	14.0	44.4	68.2	-23.8	Peak	Vertical
	10307.5	30.3	16.6	46.9	68.2	-21.3	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 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7477.0	30.8	12.8	43.6	74.0	-30.4	Peak	Horizontal
*	8097.5	31.8	12.3	44.1	74.0	-29.9	Peak	Horizontal
	8658.5	31.2	13.6	44.8	68.2	-23.4	Peak	Horizontal
	10180.0	30.6	16.1	46.7	68.2	-21.5	Peak	Horizontal
*	7485.5	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
*	8174.0	31.9	12.0	43.9	74.0	-30.1	Peak	Vertical
	8658.5	31.2	13.6	44.8	68.2	-23.4	Peak	Vertical
	10358.5	30.4	16.8	47.2	68.2	-21.0	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:	149	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7468.5	31.1	12.8	43.9	74.0	-30.1	Peak	Horizontal
*	8165.5	31.6	12.1	43.7	74.0	-30.3	Peak	Horizontal
	8684.0	30.8	13.7	44.5	68.2	-23.7	Peak	Horizontal
	10520.0	30.1	17.2	47.3	68.2	-20.9	Peak	Horizontal
*	7443.0	31.9	12.7	44.6	74.0	-29.4	Peak	Vertical
*	8182.5	32.7	12.0	44.7	74.0	-29.3	Peak	Vertical
	8735.0	30.5	13.9	44.4	68.2	-23.8	Peak	Vertical
	10180.0	30.9	16.1	47.0	68.2	-21.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7528.0	31.6	12.8	44.4	74.0	-29.6	Peak	Horizontal
*	8174.0	30.5	12.0	42.5	74.0	-31.5	Peak	Horizontal
	8726.5	30.5	13.8	44.3	68.2	-23.9	Peak	Horizontal
	10324.5	30.9	16.7	47.6	68.2	-20.6	Peak	Horizontal
*	7341.0	30.3	12.4	42.7	74.0	-31.3	Peak	Vertical
*	8174.0	31.8	12.0	43.8	74.0	-30.2	Peak	Vertical
	8820.0	30.8	14.0	44.8	68.2	-23.4	Peak	Vertical
	10171.5	30.0	16.1	46.1	68.2	-22.1	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.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7494.0	30.6	12.8	43.4	74.0	-30.6	Peak	Horizontal
*	8242.0	31.0	11.9	42.9	74.0	-31.1	Peak	Horizontal
	8752.0	30.3	13.9	44.2	68.2	-24.0	Peak	Horizontal
	10520.0	30.5	17.2	47.7	68.2	-20.5	Peak	Horizontal
*	7485.5	31.5	12.8	44.3	74.0	-29.7	Peak	Vertical
*	8225.0	31.6	11.9	43.5	74.0	-30.5	Peak	Vertical
	8616.0	31.1	13.5	44.6	68.2	-23.6	Peak	Vertical
	10154.5	31.1	16.0	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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
*	8123.0	32.9	12.2	45.1	74.0	-28.9	Peak	Horizontal
	8794.5	31.2	13.9	45.1	68.2	-23.1	Peak	Horizontal
	10392.5	31.3	16.9	48.2	68.2	-20.0	Peak	Horizontal
*	7409.0	32.1	12.6	44.7	74.0	-29.3	Peak	Vertical
*	8114.5	30.9	12.2	43.1	74.0	-30.9	Peak	Vertical
	8633.0	31.6	13.5	45.1	68.2	-23.1	Peak	Vertical
	10171.5	30.8	16.1	46.9	68.2	-21.3	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 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7332.5	29.3	12.4	41.7	74.0	-32.3	Peak	Horizontal
*	8199.5	32.0	12.0	44.0	74.0	-30.0	Peak	Horizontal
	8607.5	31.3	13.5	44.8	68.2	-23.4	Peak	Horizontal
	10384.0	30.3	16.9	47.2	68.2	-21.0	Peak	Horizontal
*	7409.0	31.2	12.6	43.8	74.0	-30.2	Peak	Vertical
*	8242.0	32.2	11.9	44.1	74.0	-29.9	Peak	Vertical
	8769.0	30.7	13.9	44.6	68.2	-23.6	Peak	Vertical
	10367.0	30.7	16.8	47.5	68.2	-20.7	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 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7324.0	31.1	12.4	43.5	74.0	-30.5	Peak	Horizontal
*	8208.0	31.3	11.9	43.2	74.0	-30.8	Peak	Horizontal
	8777.5	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
	10307.5	30.6	16.6	47.2	68.2	-21.0	Peak	Horizontal
*	7468.5	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
*	8216.5	32.2	11.9	44.1	74.0	-29.9	Peak	Vertical
	8650.0	31.0	13.6	44.6	68.2	-23.6	Peak	Vertical
	10418.0	30.5	17.0	47.5	68.2	-20.7	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 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.0	12.8	43.8	74.0	-30.2	Peak	Horizontal
*	8174.0	31.9	12.0	43.9	74.0	-30.1	Peak	Horizontal
	8684.0	30.2	13.7	43.9	68.2	-24.3	Peak	Horizontal
	10367.0	30.2	16.8	47.0	68.2	-21.2	Peak	Horizontal
*	7443.0	31.1	12.7	43.8	74.0	-30.2	Peak	Vertical
*	8165.5	31.3	12.1	43.4	74.0	-30.6	Peak	Vertical
	8726.5	31.1	13.8	44.9	68.2	-23.3	Peak	Vertical
	10350.0	30.7	16.8	47.5	68.2	-20.7	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 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7400.5	30.8	12.6	43.4	74.0	-30.6	Peak	Horizontal
*	8097.5	31.7	12.3	44.0	74.0	-30.0	Peak	Horizontal
	8743.5	31.0	13.9	44.9	68.2	-23.3	Peak	Horizontal
	10367.0	30.6	16.8	47.4	68.2	-20.8	Peak	Horizontal
*	7468.5	31.4	12.8	44.2	74.0	-29.8	Peak	Vertical
*	8131.5	31.3	12.2	43.5	74.0	-30.5	Peak	Vertical
	8709.5	30.9	13.8	44.7	68.2	-23.5	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)

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7426.0	31.1	12.7	43.8	74.0	-30.2	Peak	Horizontal
*	8208.0	32.0	11.9	43.9	74.0	-30.1	Peak	Horizontal
	8735.0	30.7	13.9	44.6	68.2	-23.6	Peak	Horizontal
	10520.0	30.5	17.2	47.7	68.2	-20.5	Peak	Horizontal
*	7451.5	30.9	12.8	43.7	74.0	-30.3	Peak	Vertical
*	8165.5	30.7	12.1	42.8	74.0	-31.2	Peak	Vertical
	8709.5	30.5	13.8	44.3	68.2	-23.9	Peak	Vertical
	10180.0	31.3	16.1	47.4	68.2	-20.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7400.5	31.5	12.6	44.1	74.0	-29.9	Peak	Horizontal
*	8148.5	31.9	12.1	44.0	74.0	-30.0	Peak	Horizontal
	8777.5	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
	10180.0	30.6	16.1	46.7	68.2	-21.5	Peak	Horizontal
*	7409.0	31.5	12.6	44.1	74.0	-29.9	Peak	Vertical
*	8097.5	32.2	12.3	44.5	74.0	-29.5	Peak	Vertical
	8828.5	30.8	14.0	44.8	68.2	-23.4	Peak	Vertical
	10384.0	30.8	16.9	47.7	68.2	-20.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7528.0	30.8	12.8	43.6	74.0	-30.4	Peak	Horizontal
*	8182.5	31.6	12.0	43.6	74.0	-30.4	Peak	Horizontal
	8743.5	30.5	13.9	44.4	68.2	-23.8	Peak	Horizontal
	10367.0	30.3	16.8	47.1	68.2	-21.1	Peak	Horizontal
*	7341.0	31.5	12.4	43.9	74.0	-30.1	Peak	Vertical
*	8301.5	31.2	11.9	43.1	74.0	-30.9	Peak	Vertical
	8820.0	31.2	14.0	45.2	68.2	-23.0	Peak	Vertical
	10401.0	29.9	16.9	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)

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7477.0	32.1	12.8	44.9	74.0	-29.1	Peak	Horizontal
*	8259.0	31.1	11.9	43.0	74.0	-31.0	Peak	Horizontal
	8709.5	30.4	13.8	44.2	68.2	-24.0	Peak	Horizontal
	10180.0	30.8	16.1	46.9	68.2	-21.3	Peak	Horizontal
*	7494.0	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
*	8208.0	31.3	11.9	43.2	74.0	-30.8	Peak	Vertical
	8709.5	29.9	13.8	43.7	68.2	-24.5	Peak	Vertical
	10299.0	30.4	16.6	47.0	68.2	-21.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7409.0	30.8	12.6	43.4	74.0	-30.6	Peak	Horizontal
*	8157.0	31.2	12.1	43.3	74.0	-30.7	Peak	Horizontal
	8667.0	30.8	13.6	44.4	68.2	-23.8	Peak	Horizontal
	10307.5	30.2	16.6	46.8	68.2	-21.4	Peak	Horizontal
*	7400.5	31.7	12.6	44.3	74.0	-29.7	Peak	Vertical
*	8123.0	32.9	12.2	45.1	74.0	-28.9	Peak	Vertical
	8692.5	31.0	13.7	44.7	68.2	-23.5	Peak	Vertical
	9874.0	31.8	15.8	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.6	12.8	44.4	74.0	-29.6	Peak	Horizontal
*	8089.0	31.3	12.3	43.6	74.0	-30.4	Peak	Horizontal
	8786.0	30.9	13.9	44.8	68.2	-23.4	Peak	Horizontal
	10154.5	31.7	16.0	47.7	68.2	-20.5	Peak	Horizontal
*	7383.5	31.2	12.5	43.7	74.0	-30.3	Peak	Vertical
*	8165.5	31.6	12.1	43.7	74.0	-30.3	Peak	Vertical
	8726.5	30.6	13.8	44.4	68.2	-23.8	Peak	Vertical
	10418.0	30.5	17.0	47.5	68.2	-20.7	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 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7434.5	30.6	12.7	43.3	74.0	-30.7	Peak	Horizontal
*	8165.5	30.9	12.1	43.0	74.0	-31.0	Peak	Horizontal
	8743.5	29.8	13.9	43.7	68.2	-24.5	Peak	Horizontal
	10180.0	30.3	16.1	46.4	68.2	-21.8	Peak	Horizontal
*	7494.0	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
*	8242.0	30.7	11.9	42.6	74.0	-31.4	Peak	Vertical
	8947.5	30.4	14.0	44.4	68.2	-23.8	Peak	Vertical
	10171.5	30.4	16.1	46.5	68.2	-21.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7477.0	30.8	12.8	43.6	74.0	-30.4	Peak	Horizontal
*	8250.5	32.5	11.9	44.4	74.0	-29.6	Peak	Horizontal
	8794.5	30.7	13.9	44.6	68.2	-23.6	Peak	Horizontal
	10137.5	30.6	15.9	46.5	68.2	-21.7	Peak	Horizontal
*	7332.5	31.2	12.4	43.6	74.0	-30.4	Peak	Vertical
*	8123.0	32.3	12.2	44.5	74.0	-29.5	Peak	Vertical
	8820.0	30.5	14.0	44.5	68.2	-23.7	Peak	Vertical
	10426.5	30.4	17.0	47.4	68.2	-20.8	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 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7494.0	31.1	12.8	43.9	74.0	-30.1	Peak	Horizontal
*	8165.5	30.8	12.1	42.9	74.0	-31.1	Peak	Horizontal
	8786.0	30.7	13.9	44.6	68.2	-23.6	Peak	Horizontal
	10188.5	31.0	16.2	47.2	68.2	-21.0	Peak	Horizontal
*	7409.0	31.1	12.6	43.7	74.0	-30.3	Peak	Vertical
*	8131.5	31.6	12.2	43.8	74.0	-30.2	Peak	Vertical
	8658.5	30.6	13.6	44.2	68.2	-24.0	Peak	Vertical
	10367.0	30.6	16.8	47.4	68.2	-20.8	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 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7400.5	30.4	12.6	43.0	74.0	-31.0	Peak	Horizontal
*	8165.5	31.4	12.1	43.5	74.0	-30.5	Peak	Horizontal
	8633.0	30.5	13.5	44.0	68.2	-24.2	Peak	Horizontal
	10188.5	31.5	16.2	47.7	68.2	-20.5	Peak	Horizontal
*	7536.5	31.7	12.8	44.5	74.0	-29.5	Peak	Vertical
*	8157.0	30.2	12.1	42.3	74.0	-31.7	Peak	Vertical
	8658.5	30.5	13.6	44.1	68.2	-24.1	Peak	Vertical
	10180.0	31.6	16.1	47.7	68.2	-20.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7647.0	32.1	12.5	44.6	74.0	-29.4	Peak	Horizontal
*	8131.5	30.6	12.2	42.8	74.0	-31.2	Peak	Horizontal
	8582.0	31.9	13.4	45.3	68.2	-22.9	Peak	Horizontal
	10180.0	32.5	16.1	48.6	68.2	-19.6	Peak	Horizontal
*	7332.5	31.3	12.4	43.7	74.0	-30.3	Peak	Vertical
*	8174.0	31.0	12.0	43.0	74.0	-31.0	Peak	Vertical
	8667.0	31.6	13.6	45.2	68.2	-23.0	Peak	Vertical
	10137.5	32.4	15.9	48.3	68.2	-19.9	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 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7307.0	31.1	12.3	43.4	74.0	-30.6	Peak	Horizontal
*	8148.5	30.2	12.1	42.3	74.0	-31.7	Peak	Horizontal
	8718.0	31.4	13.8	45.2	68.2	-23.0	Peak	Horizontal
	10205.5	30.7	16.2	46.9	68.2	-21.3	Peak	Horizontal
*	7528.0	31.3	12.8	44.1	74.0	-29.9	Peak	Vertical
*	8140.0	30.1	12.2	42.3	74.0	-31.7	Peak	Vertical
	8675.5	31.7	13.7	45.4	68.2	-22.8	Peak	Vertical
	10180.0	31.2	16.1	47.3	68.2	-20.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7434.5	30.3	12.7	43.0	74.0	-31.0	Peak	Horizontal
*	8199.5	30.1	12.0	42.1	74.0	-31.9	Peak	Horizontal
	8641.5	32.4	13.5	45.9	68.2	-22.3	Peak	Horizontal
	10146.0	32.3	16.0	48.3	68.2	-19.9	Peak	Horizontal
*	7468.5	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
*	8182.5	31.3	12.0	43.3	74.0	-30.7	Peak	Vertical
	8735.0	31.3	13.9	45.2	68.2	-23.0	Peak	Vertical
	10180.0	31.9	16.1	48.0	68.2	-20.2	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 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7298.5	31.7	12.3	44.0	74.0	-30.0	Peak	Horizontal
*	8191.0	31.1	12.0	43.1	74.0	-30.9	Peak	Horizontal
	8692.5	31.7	13.7	45.4	68.2	-22.8	Peak	Horizontal
	10146.0	32.9	16.0	48.9	68.2	-19.3	Peak	Horizontal
*	7502.5	31.2	12.8	44.0	74.0	-30.0	Peak	Vertical
*	8165.5	30.6	12.1	42.7	74.0	-31.3	Peak	Vertical
	8658.5	32.1	13.6	45.7	68.2	-22.5	Peak	Vertical
	10180.0	31.8	16.1	47.9	68.2	-20.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7332.5	31.6	12.4	44.0	74.0	-30.0	Peak	Horizontal
*	8089.0	31.4	12.3	43.7	74.0	-30.3	Peak	Horizontal
	8633.0	31.1	13.5	44.6	68.2	-23.6	Peak	Horizontal
	10511.5	30.8	17.2	48.0	68.2	-20.2	Peak	Horizontal
*	7341.0	31.8	12.4	44.2	74.0	-29.8	Peak	Vertical
*	8131.5	31.0	12.2	43.2	74.0	-30.8	Peak	Vertical
	8650.0	32.1	13.6	45.7	68.2	-22.5	Peak	Vertical
	10273.5	31.4	16.5	47.9	68.2	-20.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7451.5	31.5	12.8	44.3	74.0	-29.7	Peak	Horizontal
*	8174.0	31.5	12.0	43.5	74.0	-30.5	Peak	Horizontal
	8667.0	32.2	13.6	45.8	68.2	-22.4	Peak	Horizontal
	10180.0	31.9	16.1	48.0	68.2	-20.2	Peak	Horizontal
*	7511.0	32.2	12.8	45.0	74.0	-29.0	Peak	Vertical
*	8216.5	31.1	11.9	43.0	74.0	-31.0	Peak	Vertical
	8735.0	31.7	13.9	45.6	68.2	-22.6	Peak	Vertical
	10137.5	31.7	15.9	47.6	68.2	-20.6	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7494.0	32.6	12.8	45.4	74.0	-28.6	Peak	Horizontal
*	8131.5	30.9	12.2	43.1	74.0	-30.9	Peak	Horizontal
	8769.0	31.4	13.9	45.3	68.2	-22.9	Peak	Horizontal
	10452.0	31.1	17.1	48.2	68.2	-20.0	Peak	Horizontal
*	7604.5	32.5	12.7	45.2	74.0	-28.8	Peak	Vertical
*	8131.5	31.3	12.2	43.5	74.0	-30.5	Peak	Vertical
	8624.5	31.4	13.5	44.9	68.2	-23.3	Peak	Vertical
	10137.5	31.8	15.9	47.7	68.2	-20.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7528.0	32.0	12.8	44.8	74.0	-29.2	Peak	Horizontal
*	8242.0	30.6	11.9	42.5	74.0	-31.5	Peak	Horizontal
	8735.0	31.4	13.9	45.3	68.2	-22.9	Peak	Horizontal
	10129.0	32.2	15.9	48.1	68.2	-20.1	Peak	Horizontal
*	7443.0	31.9	12.7	44.6	74.0	-29.4	Peak	Vertical
*	8208.0	31.7	11.9	43.6	74.0	-30.4	Peak	Vertical
	8862.5	31.1	14.0	45.1	68.2	-23.1	Peak	Vertical
	10299.0	29.9	16.6	46.5	68.2	-21.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7587.5	31.7	12.7	44.4	74.0	-29.6	Peak	Horizontal
*	8242.0	32.0	11.9	43.9	74.0	-30.1	Peak	Horizontal
	8854.0	31.5	14.0	45.5	68.2	-22.7	Peak	Horizontal
	10129.0	31.9	15.9	47.8	68.2	-20.4	Peak	Horizontal
*	7630.0	32.6	12.6	45.2	74.0	-28.8	Peak	Vertical
*	8259.0	32.0	11.9	43.9	74.0	-30.1	Peak	Vertical
	8607.5	31.7	13.5	45.2	68.2	-23.0	Peak	Vertical
	10282.0	30.8	16.5	47.3	68.2	-20.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7426.0	31.9	12.7	44.6	74.0	-29.4	Peak	Horizontal
*	8293.0	31.4	11.9	43.3	74.0	-30.7	Peak	Horizontal
	8633.0	31.6	13.5	45.1	68.2	-23.1	Peak	Horizontal
	10129.0	33.1	15.9	49.0	68.2	-19.2	Peak	Horizontal
*	7553.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
*	8165.5	31.1	12.1	43.2	74.0	-30.8	Peak	Vertical
	8726.5	31.5	13.8	45.3	68.2	-22.9	Peak	Vertical
	10443.5	29.6	17.1	46.7	68.2	-21.5	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 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7596.0	32.0	12.7	44.7	74.0	-29.3	Peak	Horizontal
*	8089.0	30.8	12.3	43.1	74.0	-30.9	Peak	Horizontal
	8726.5	31.1	13.8	44.9	68.2	-23.3	Peak	Horizontal
	10129.0	31.9	15.9	47.8	68.2	-20.4	Peak	Horizontal
*	7443.0	32.1	12.7	44.8	74.0	-29.2	Peak	Vertical
*	8097.5	32.8	12.3	45.1	74.0	-28.9	Peak	Vertical
	8616.0	31.6	13.5	45.1	68.2	-23.1	Peak	Vertical
	10214.0	31.1	16.3	47.4	68.2	-20.8	Peak	Vertical
	7596.0	32.0	12.7	44.7	74.0	-29.3	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 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7341.0	31.4	12.4	43.8	74.0	-30.2	Peak	Horizontal
*	8182.5	31.3	12.0	43.3	74.0	-30.7	Peak	Horizontal
	8718.0	31.4	13.8	45.2	68.2	-23.0	Peak	Horizontal
	10129.0	31.7	15.9	47.6	68.2	-20.6	Peak	Horizontal
*	7434.5	30.7	12.7	43.4	74.0	-30.6	Peak	Vertical
*	8199.5	32.5	12.0	44.5	74.0	-29.5	Peak	Vertical
	8616.0	32.6	13.5	46.1	68.2	-22.1	Peak	Vertical
	10137.5	32.1	15.9	48.0	68.2	-20.2	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 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7400.5	31.0	12.6	43.6	74.0	-30.4	Peak	Horizontal
*	8208.0	32.4	11.9	44.3	74.0	-29.7	Peak	Horizontal
	8616.0	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
	10333.0	31.3	16.7	48.0	68.2	-20.2	Average	Horizontal
	7443.0	33.2	12.7	45.9	74.0	-28.1	Peak	Horizontal
*	8114.5	31.9	12.2	44.1	74.0	-29.9	Peak	Vertical
*	8658.5	32.0	13.6	45.6	68.2	-22.6	Peak	Vertical
	10180.0	32.7	16.1	48.8	68.2	-19.4	Peak	Vertical
	7400.5	31.0	12.6	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:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7451.5	32.7	12.8	45.5	74.0	-28.5	Peak	Horizontal
*	8148.5	31.6	12.1	43.7	74.0	-30.3	Peak	Horizontal
	8607.5	31.8	13.5	45.3	68.2	-22.9	Peak	Horizontal
	10180.0	31.7	16.1	47.8	68.2	-20.4	Peak	Horizontal
*	7451.5	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
*	8165.5	30.4	12.1	42.5	74.0	-31.5	Peak	Vertical
	8616.0	32.3	13.5	45.8	68.2	-22.4	Peak	Vertical
	10180.0	31.7	16.1	47.8	68.2	-20.4	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 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7434.5	31.0	12.7	43.7	74.0	-30.3	Peak	Horizontal
*	8276.0	31.4	11.9	43.3	74.0	-30.7	Peak	Horizontal
	8828.5	31.7	14.0	45.7	68.2	-22.5	Peak	Horizontal
	10239.5	31.0	16.4	47.4	68.2	-20.8	Peak	Horizontal
*	7349.5	32.1	12.4	44.5	74.0	-29.5	Peak	Vertical
*	8165.5	31.1	12.1	43.2	74.0	-30.8	Peak	Vertical
	8624.5	31.7	13.5	45.2	68.2	-23.0	Peak	Vertical
	10316.0	31.4	16.7	48.1	68.2	-20.1	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 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7409.0	31.8	12.6	44.4	74.0	-29.6	Peak	Horizontal
*	8284.5	33.4	11.9	45.3	74.0	-28.7	Peak	Horizontal
	8701.0	31.5	13.8	45.3	68.2	-22.9	Peak	Horizontal
	10477.5	31.4	17.1	48.5	68.2	-19.7	Peak	Horizontal
*	7332.5	30.7	12.4	43.1	74.0	-30.9	Peak	Vertical
*	8199.5	30.8	12.0	42.8	74.0	-31.2	Peak	Vertical
	8624.5	31.9	13.5	45.4	68.2	-22.8	Peak	Vertical
	10418.0	31.2	17.0	48.2	68.2	-20.0	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7494.0	31.6	12.8	44.4	74.0	-29.6	Peak	Horizontal
*	8174.0	31.3	12.0	43.3	74.0	-30.7	Peak	Horizontal
	8667.0	31.8	13.6	45.4	68.2	-22.8	Peak	Horizontal
	10316.0	31.4	16.7	48.1	68.2	-20.1	Peak	Horizontal
*	7400.5	31.9	12.6	44.5	74.0	-29.5	Peak	Vertical
*	8165.5	31.4	12.1	43.5	74.0	-30.5	Peak	Vertical
	8675.5	31.7	13.7	45.4	68.2	-22.8	Peak	Vertical
	10078.0	31.9	15.6	47.5	68.2	-20.7	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 + 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Kevin Ker
Antenna Model No.	WiFi Omni Ant		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7494.0	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
*	8089.0	32.2	12.3	44.5	74.0	-29.5	Peak	Horizontal
	8709.5	31.6	13.8	45.4	68.2	-22.8	Peak	Horizontal
	10214.0	30.4	16.3	46.7	68.2	-21.5	Peak	Horizontal
*	7409.0	31.6	12.6	44.2	74.0	-29.8	Peak	Vertical
*	8140.0	30.8	12.2	43.0	74.0	-31.0	Peak	Vertical
	8607.5	32.1	13.5	45.6	68.2	-22.6	Peak	Vertical
	10299.0	31.1	16.6	47.7	68.2	-20.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7536.5	31.8	12.8	44.6	74.0	-29.4	Peak	Horizontal
*	8174.0	32.7	12.0	44.7	74.0	-29.3	Peak	Horizontal
	8777.5	31.4	13.9	45.3	68.2	-22.9	Peak	Horizontal
	10375.5	31.0	16.9	47.9	68.2	-20.3	Peak	Horizontal
*	7383.5	32.2	12.5	44.7	74.0	-29.3	Peak	Vertical
*	8165.5	31.4	12.1	43.5	74.0	-30.5	Peak	Vertical
	8624.5	32.6	13.5	46.1	68.2	-22.1	Peak	Vertical
	10375.5	31.0	16.9	47.9	68.2	-20.3	Peak	Vertical

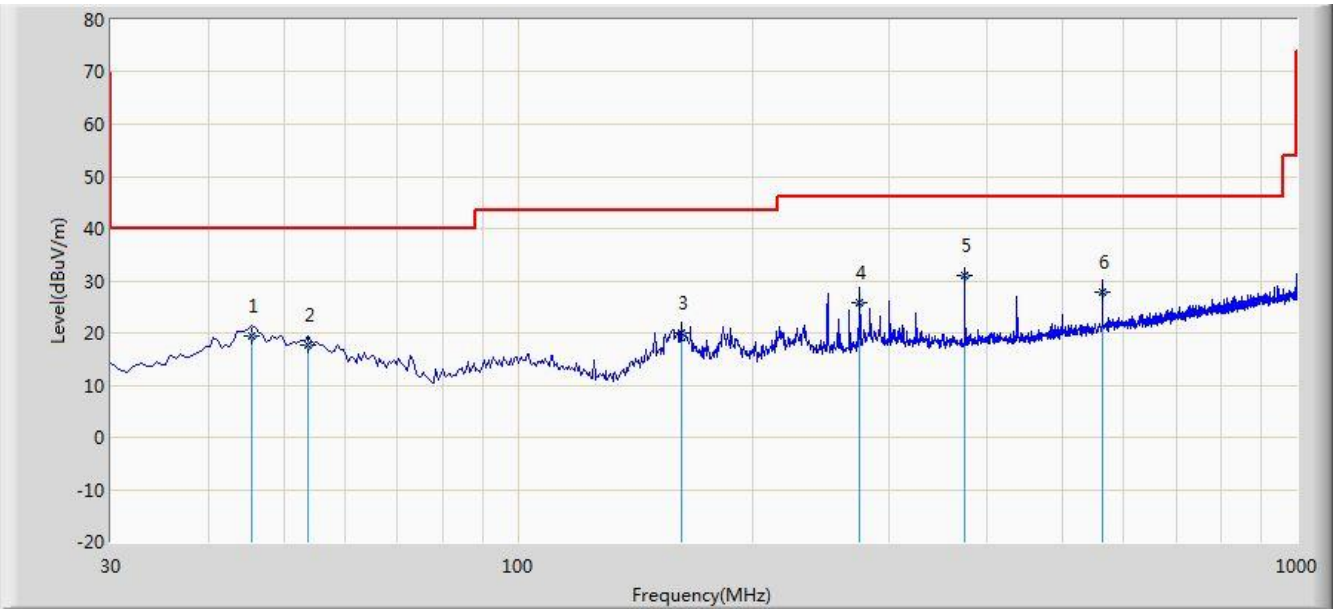
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2017/03/08 - 14:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	

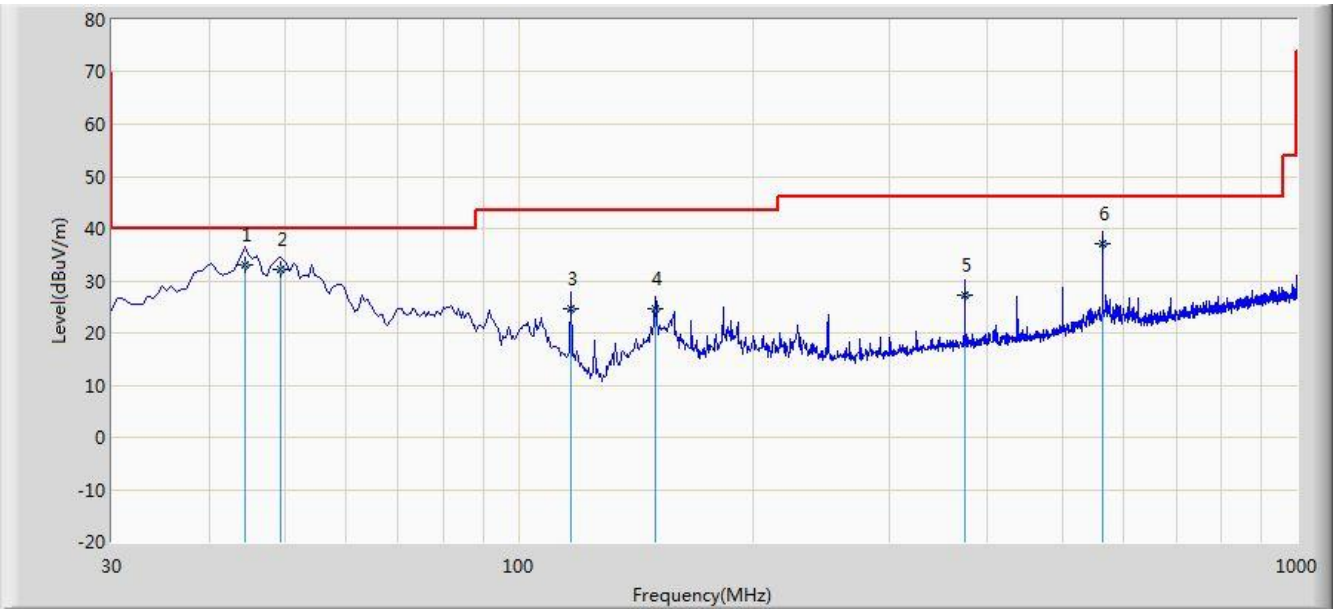


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			45.520	19.288	4.357	-20.712	40.000	14.931	QP
2			53.765	17.618	2.716	-22.382	40.000	14.902	QP
3			161.920	19.873	9.836	-23.627	43.500	10.037	QP
4			274.925	25.729	11.426	-20.271	46.000	14.304	QP
5			374.835	30.911	14.486	-15.089	46.000	16.425	QP
6			562.530	27.966	8.310	-18.034	46.000	19.656	QP

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

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

Site: AC1	Time: 2017/03/08 - 14:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	

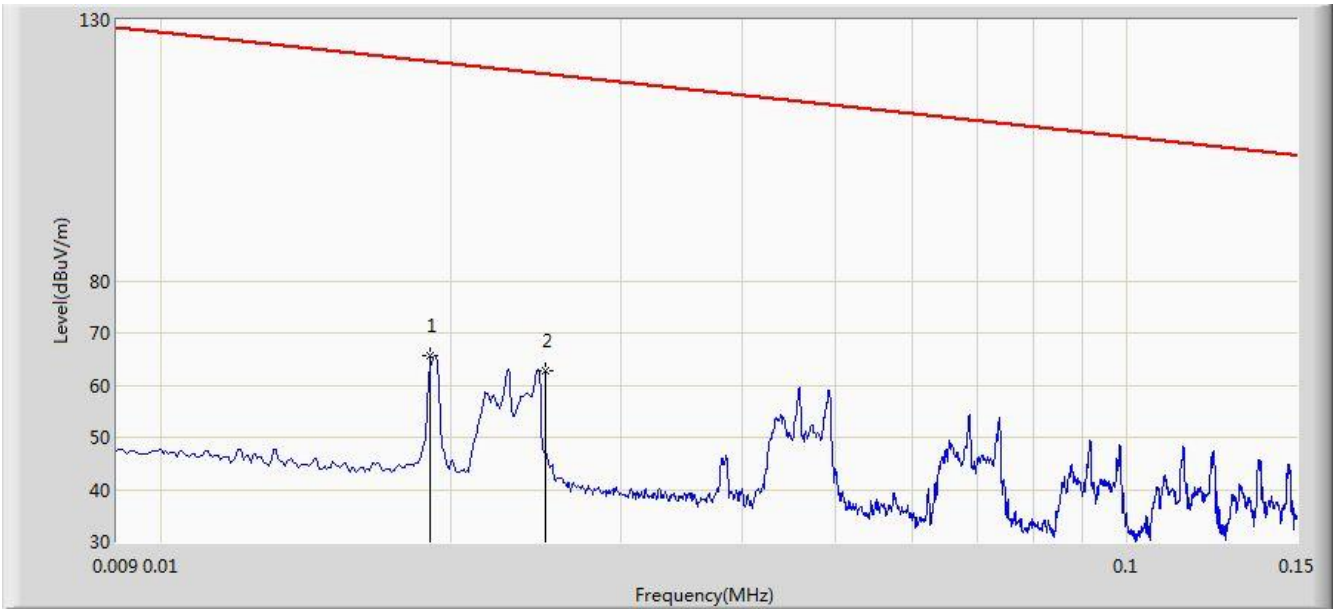


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			44.550	33.109	18.364	-6.891	40.000	14.745	QP
2			49.400	32.226	17.263	-7.774	40.000	14.964	QP
3			116.815	24.509	12.637	-18.991	43.500	11.872	QP
4			149.795	24.713	15.126	-18.787	43.500	9.587	QP
5			374.835	27.261	10.836	-18.739	46.000	16.425	QP
6			562.530	37.018	17.362	-8.982	46.000	19.656	QP

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

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

Site: AC1	Time: 2017/02/24 - 20:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

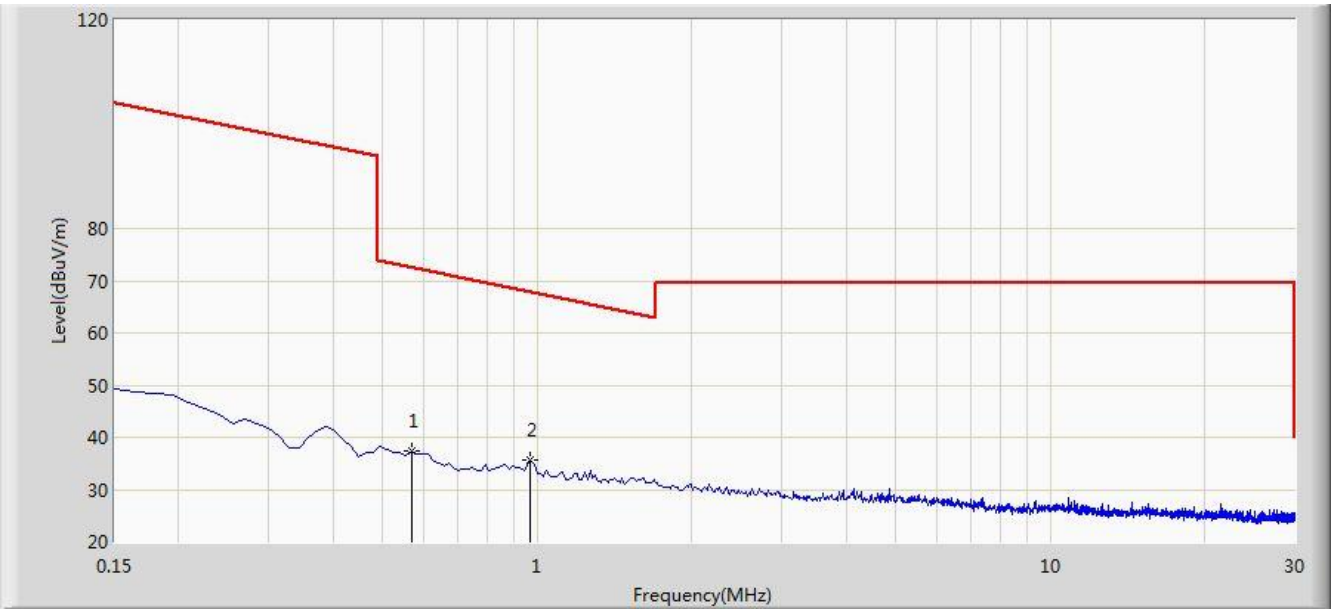


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	0.019	65.722	45.417	-56.291	122.013	20.305	QP
2			0.025	62.838	42.476	-56.793	119.631	20.362	QP

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

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

Site: AC1	Time: 2017/02/24 - 21:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: FMZB1519_0.009-30MHz	Polarity: Face On
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

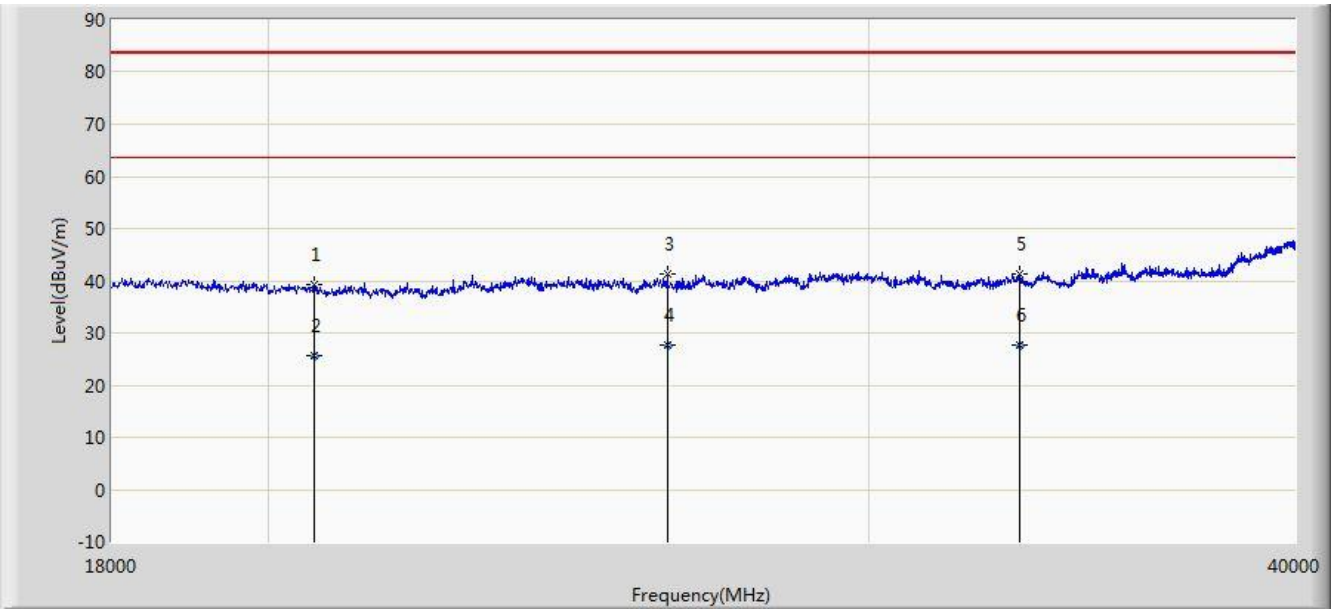


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.568	37.416	17.148	-35.105	72.521	20.268	QP
2		*	0.971	35.734	15.484	-32.142	67.876	20.250	QP

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

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

Site: AC1	Time: 2017/03/05 - 14:34
Limit: FCC_Part15.407_RE(1m)	Engineer: Kevin Ker
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	

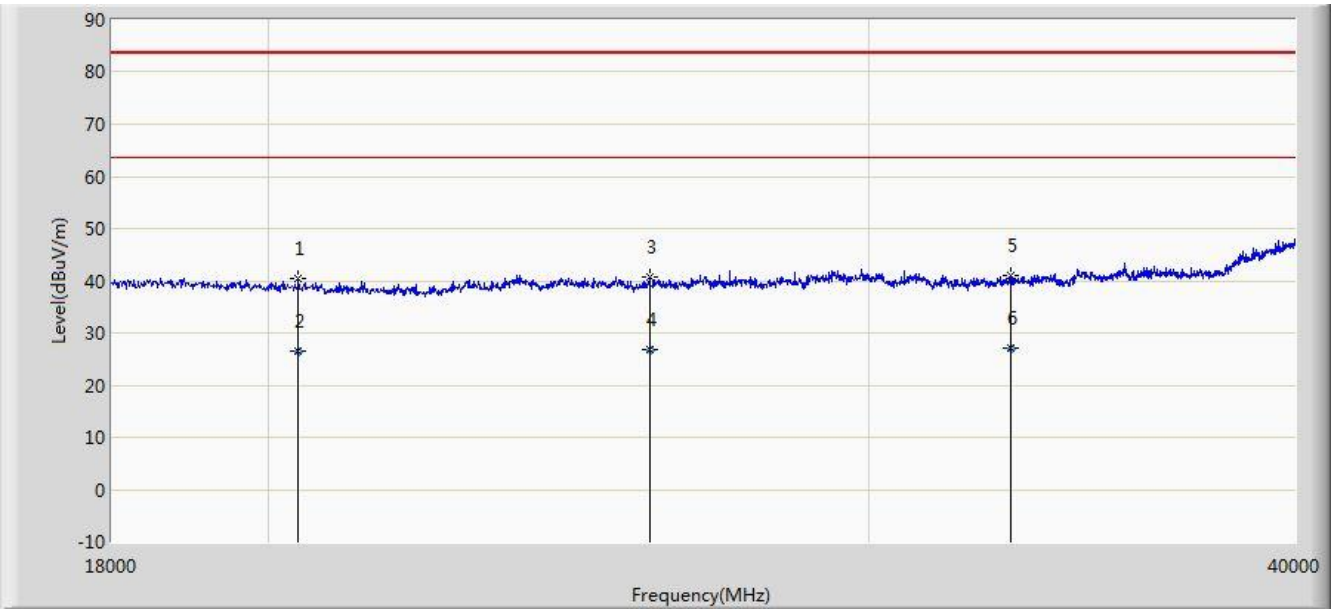


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			20640.000	39.327	30.063	-44.173	83.500	9.264	PK
2			20640.000	25.690	16.426	-37.810	63.500	9.264	AV
3			26195.000	41.231	30.074	-42.269	83.500	11.158	PK
4			26195.000	27.669	16.512	-35.831	63.500	11.158	AV
5			33213.000	41.341	26.343	-42.159	83.500	14.998	PK
6			33213.000	27.636	12.638	-35.864	63.500	14.998	AV

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

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

Site: AC1	Time: 2017/03/05 - 14:36
Limit: FCC_Part15.407_RE(1m)	Engineer: Kevin Ker
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			20420.000	40.363	31.133	-43.137	83.500	9.230	PK
2			20420.000	26.476	17.246	-37.024	63.500	9.230	AV
3			25876.000	40.582	29.657	-42.918	83.500	10.925	PK
4			25876.000	26.759	15.834	-36.741	63.500	10.925	AV
5			33037.000	41.064	26.379	-42.436	83.500	14.686	PK
6			33037.000	26.989	12.304	-36.511	63.500	14.686	AV

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

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

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

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

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.

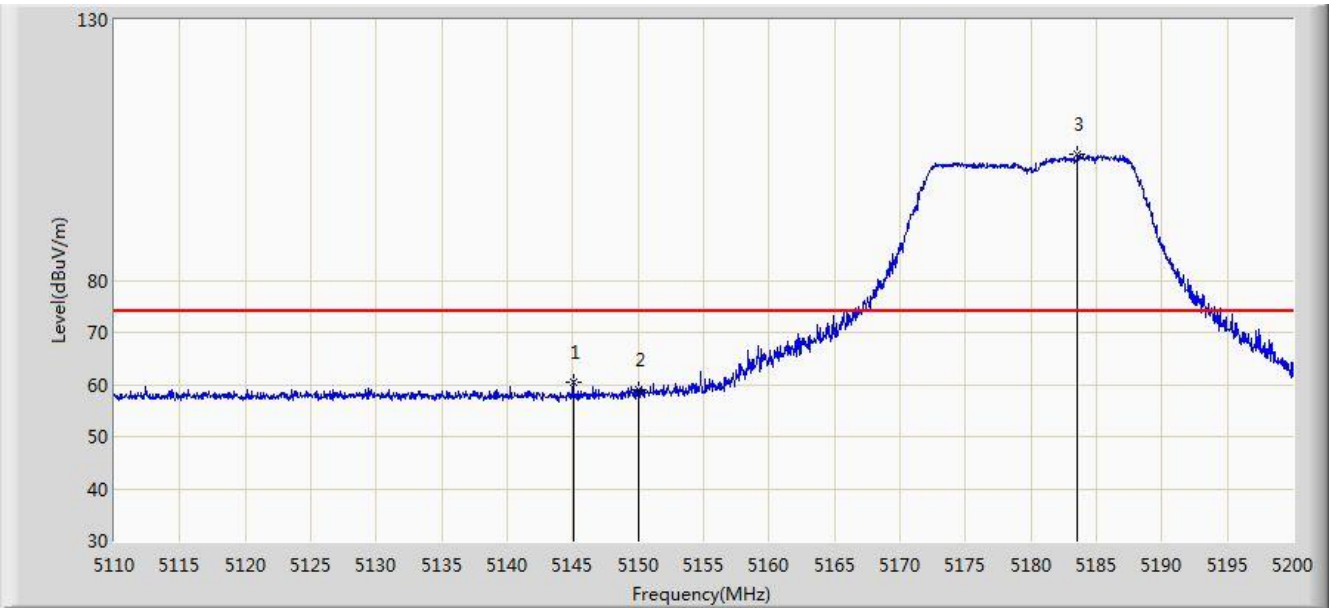
All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

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

WiFi Omni Ant Test Result

Site: AC1	Time: 2017/02/18 - 00:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

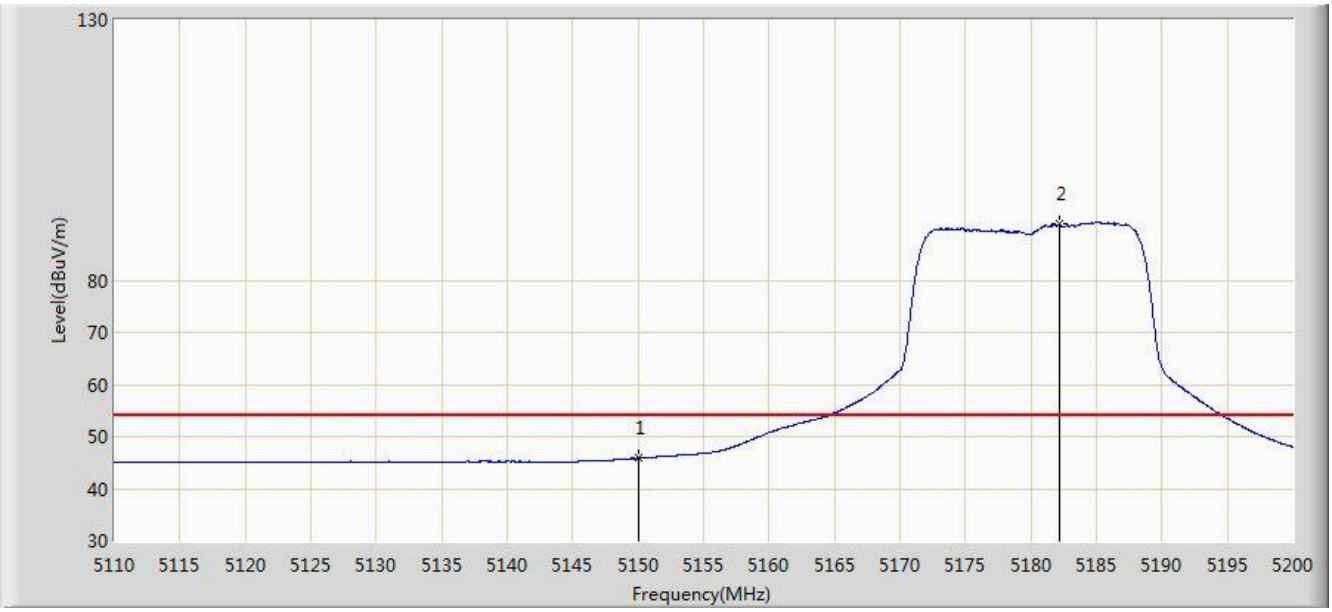


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.055	60.572	56.396	-13.428	74.000	4.176	PK
2			5150.000	58.936	54.767	-15.064	74.000	4.170	PK
3			5183.530	104.338	100.282	N/A	N/A	4.057	PK

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

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

Site: AC1	Time: 2017/02/18 - 00:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

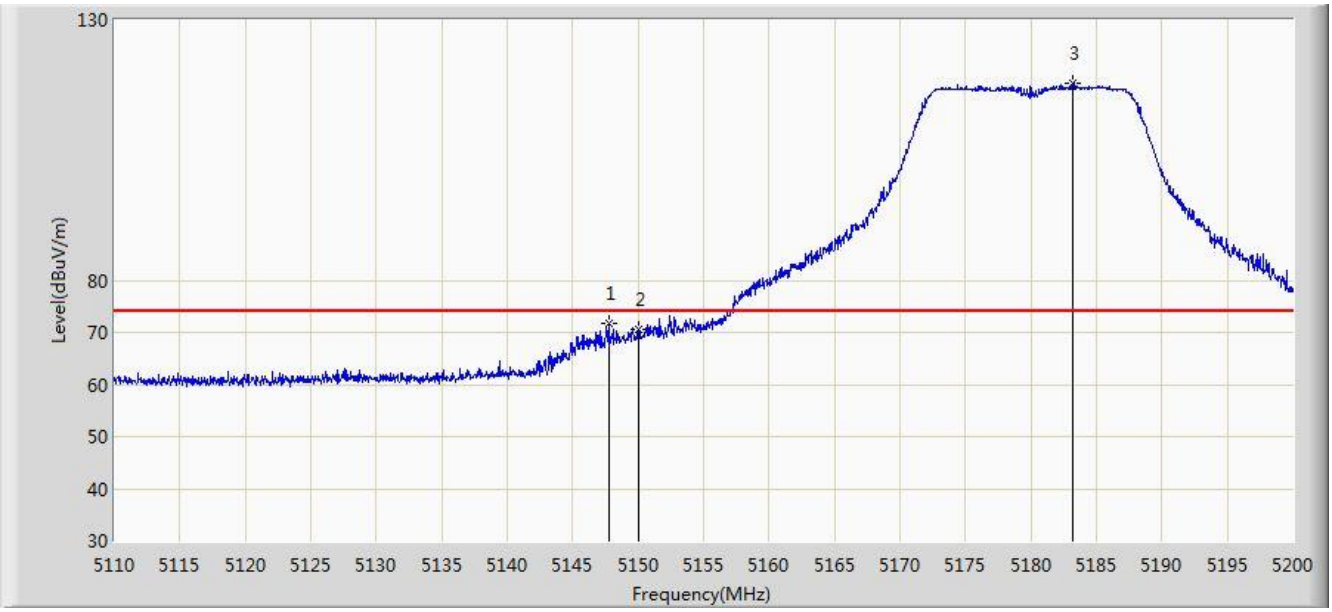


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.806	41.637	-8.194	54.000	4.170	AV
2			5182.135	90.726	86.665	N/A	N/A	4.061	AV

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

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

Site: AC1	Time: 2017/02/18 - 00:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

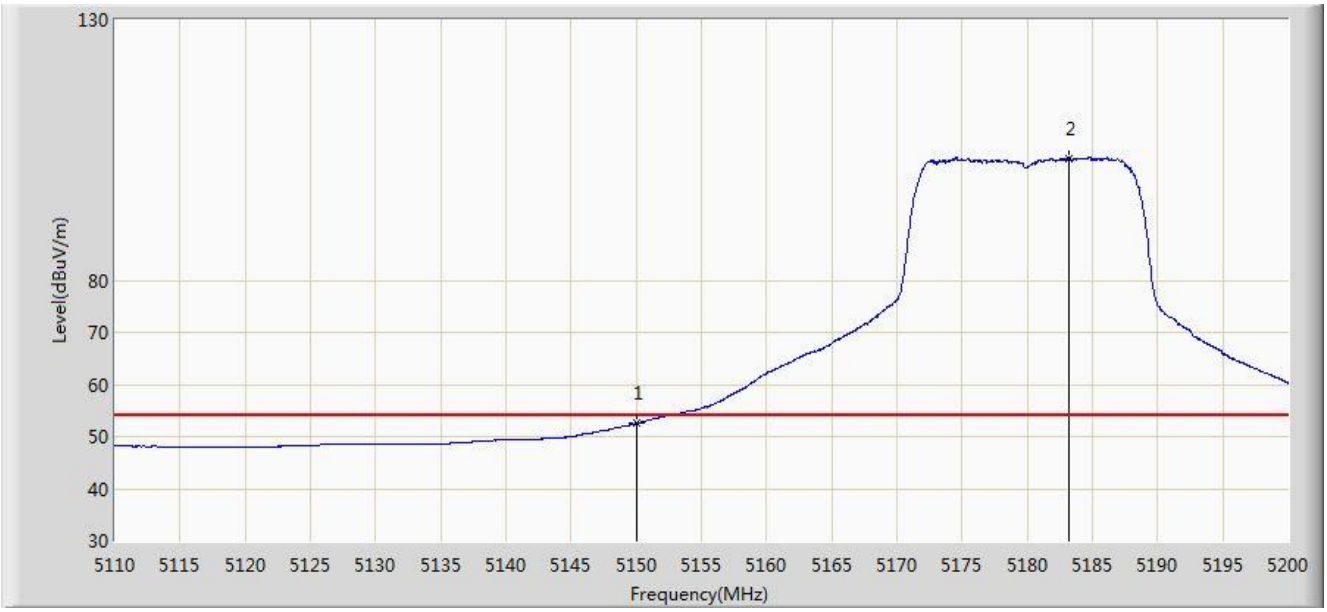


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.755	71.701	67.525	-2.299	74.000	4.176	PK
2			5150.000	70.520	66.351	-3.480	74.000	4.170	PK
3			5183.170	117.899	113.841	N/A	N/A	4.057	PK

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

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

Site: AC1	Time: 2017/02/18 - 00:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

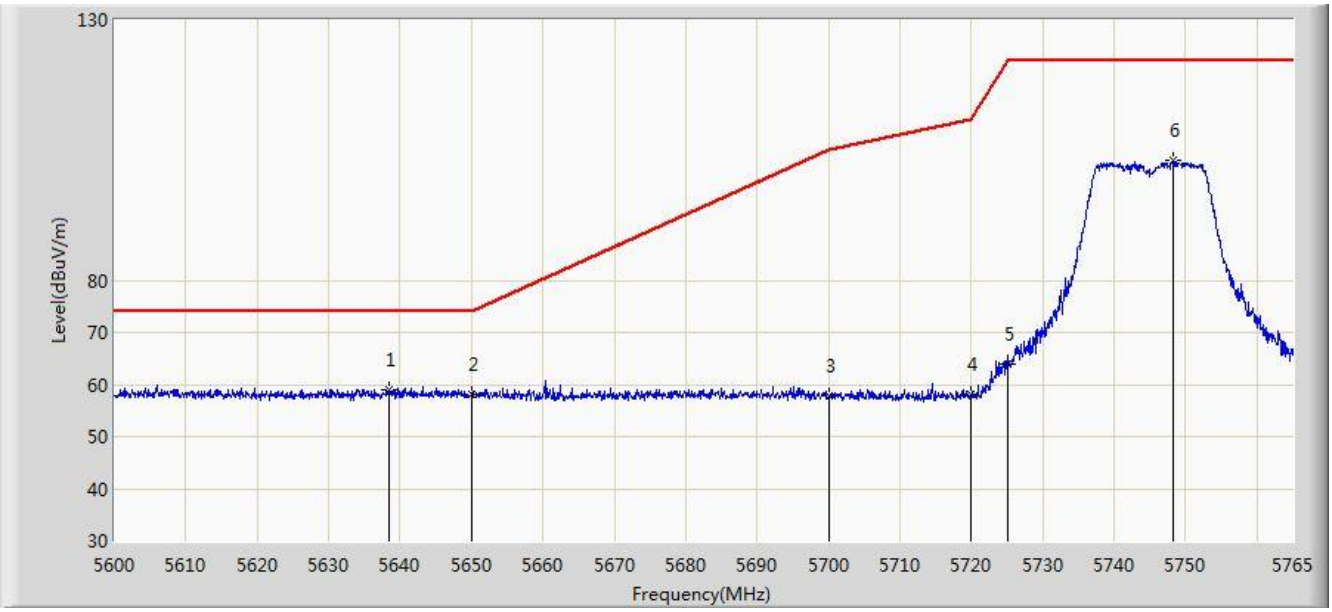


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.505	48.336	-1.495	54.000	4.170	AV
2			5183.170	103.466	99.408	N/A	N/A	4.057	AV

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

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

Site: AC1	Time: 2017/02/18 - 01:07
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

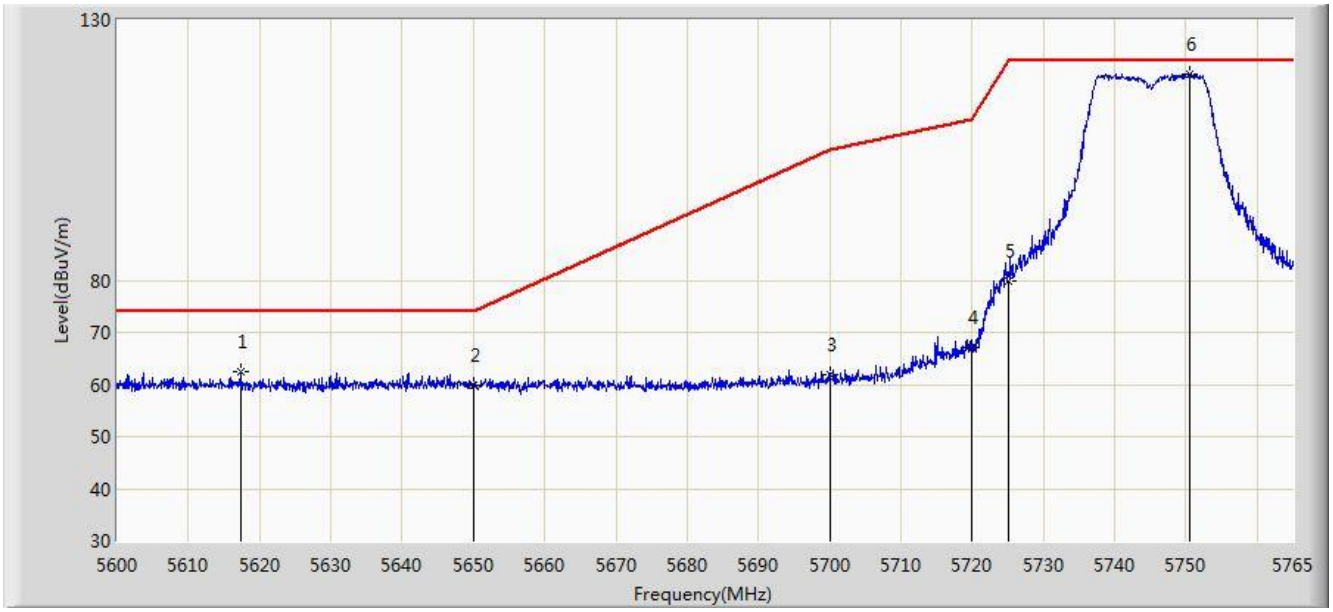


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5638.362	59.077	54.444	-14.923	74.000	4.633	PK
2			5650.000	58.129	53.458	-15.871	74.000	4.671	PK
3			5700.000	57.710	52.832	-47.490	105.200	4.878	PK
4			5720.000	58.139	53.142	-52.661	110.800	4.997	PK
5			5725.000	64.007	58.978	-58.193	122.200	5.029	PK
6			5748.170	103.184	98.011	N/A	N/A	5.173	PK

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

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

Site: AC1	Time: 2017/02/18 - 01:06
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

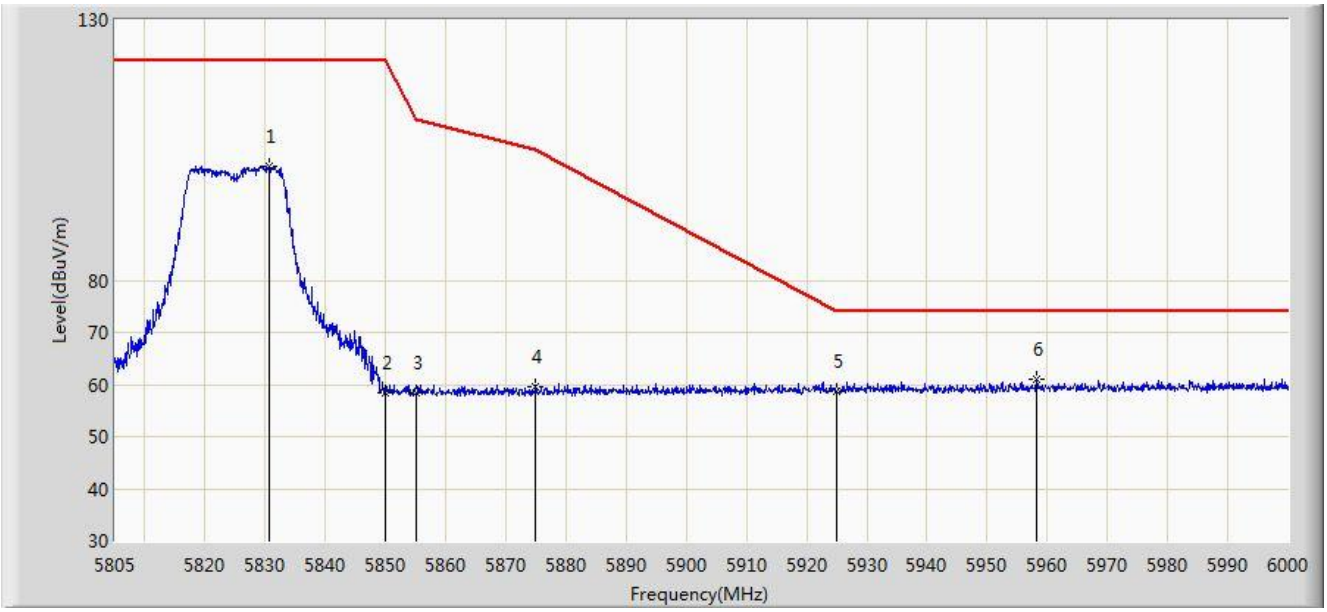


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5617.408	62.522	57.949	-11.478	74.000	4.572	PK
2			5650.000	59.970	55.299	-14.030	74.000	4.671	PK
3			5700.000	62.001	57.123	-43.199	105.200	4.878	PK
4			5720.000	66.969	61.972	-43.831	110.800	4.997	PK
5			5725.000	79.946	74.917	-42.254	122.200	5.029	PK
6			5750.480	119.609	114.423	N/A	N/A	5.186	PK

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

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

Site: AC1	Time: 2017/02/18 - 01:09
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

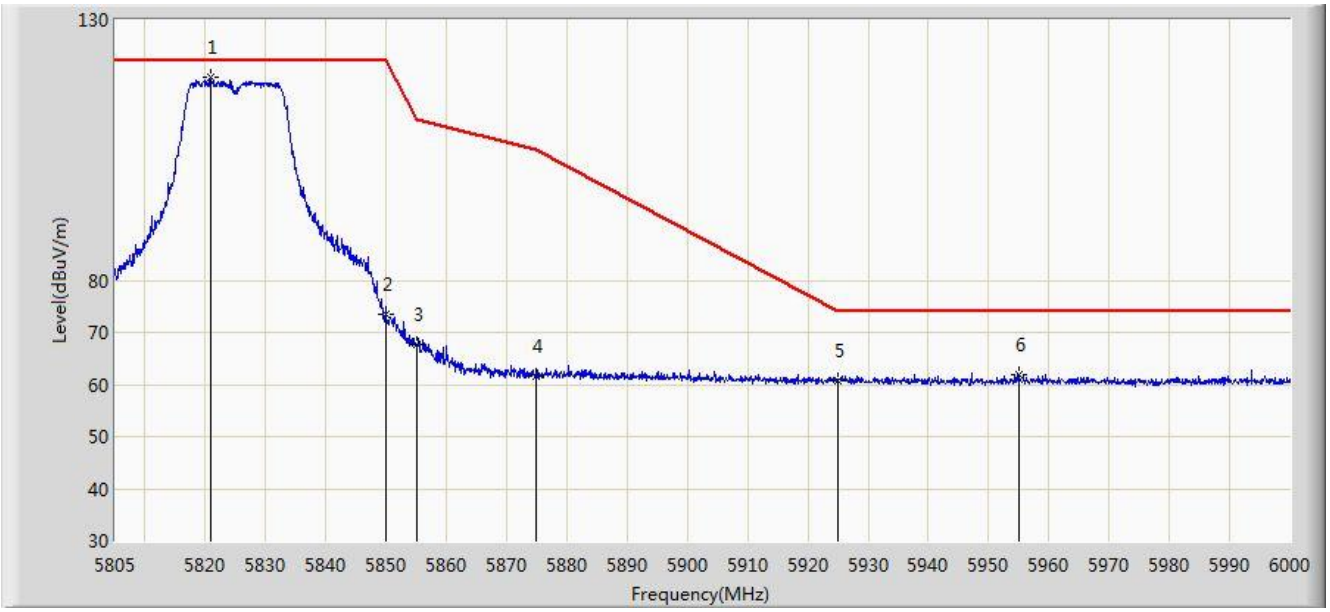


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5830.545	101.976	96.356	N/A	N/A	5.621	PK
2			5850.000	58.544	52.818	-63.656	122.200	5.726	PK
3			5855.000	58.450	52.704	-52.350	110.800	5.746	PK
4			5875.000	59.652	53.832	-45.548	105.200	5.820	PK
5			5925.000	58.806	52.840	-15.194	74.000	5.967	PK
6			5958.172	61.071	55.030	-12.929	74.000	6.041	PK

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

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

Site: AC1	Time: 2017/02/18 - 01:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

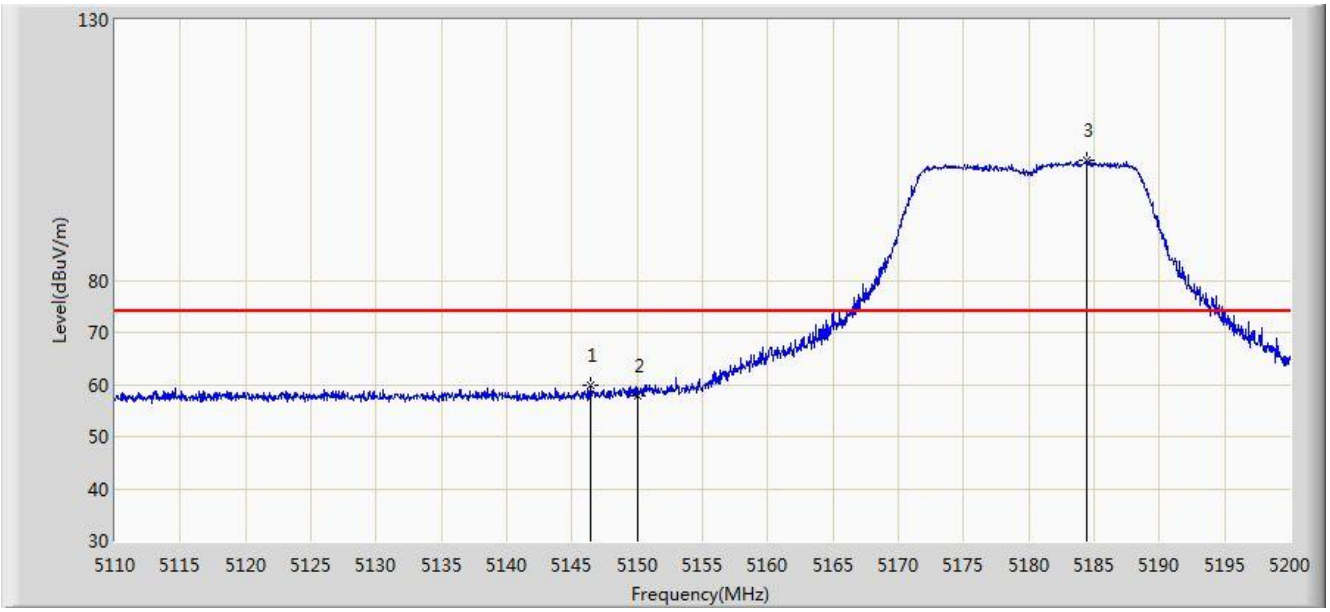


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5820.795	118.845	113.282	N/A	N/A	5.563	PK
2			5850.000	73.583	67.857	-48.617	122.200	5.726	PK
3			5855.000	67.601	61.855	-43.199	110.800	5.746	PK
4			5875.000	61.562	55.742	-43.638	105.200	5.820	PK
5			5925.000	60.702	54.736	-13.298	74.000	5.967	PK
6			5955.150	61.990	55.955	-12.010	74.000	6.036	PK

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

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

Site: AC1	Time: 2017/02/18 - 01:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

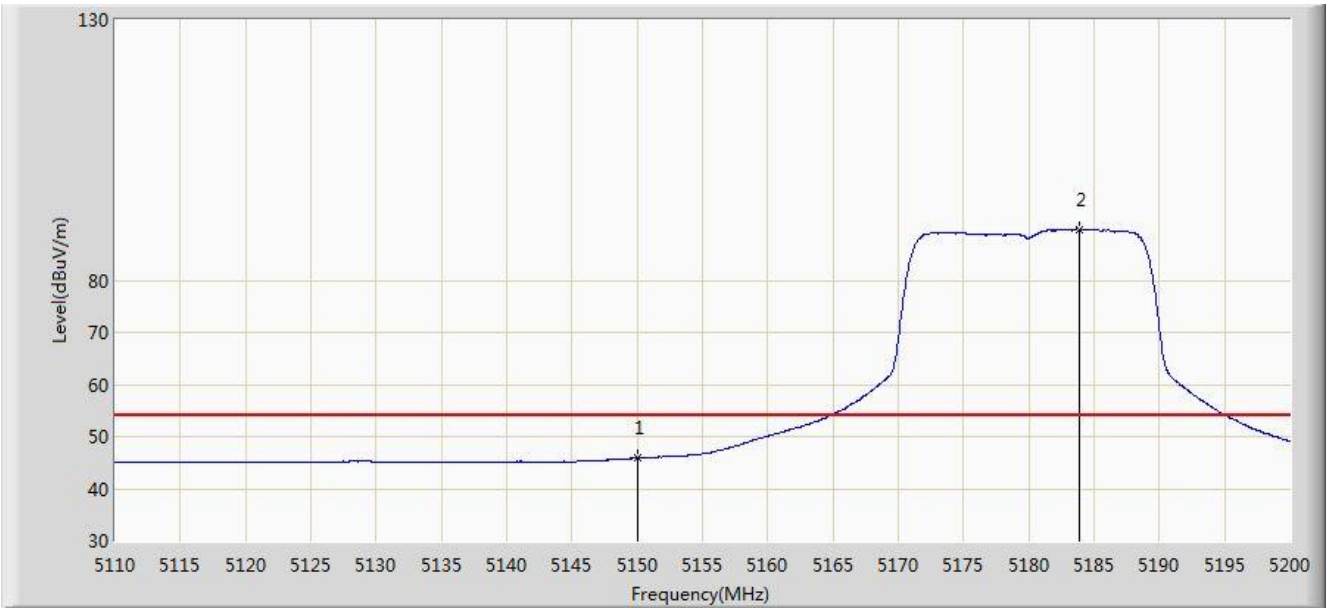


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.405	59.953	55.777	-14.047	74.000	4.176	PK
2			5150.000	57.902	53.733	-16.098	74.000	4.170	PK
3			5184.430	103.149	99.096	N/A	N/A	4.053	PK

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

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

Site: AC1	Time: 2017/02/18 - 01:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

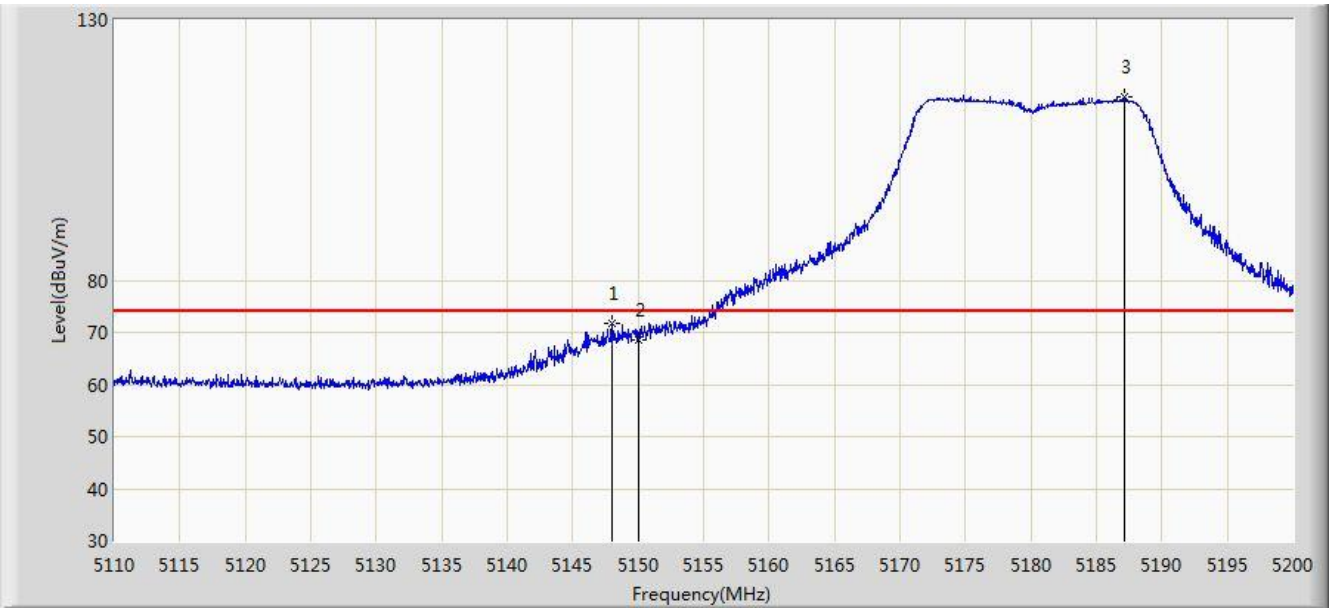


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.842	41.673	-8.158	54.000	4.170	AV
2			5183.845	89.835	85.780	N/A	N/A	4.056	AV

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

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

Site: AC1	Time: 2017/02/18 - 01:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

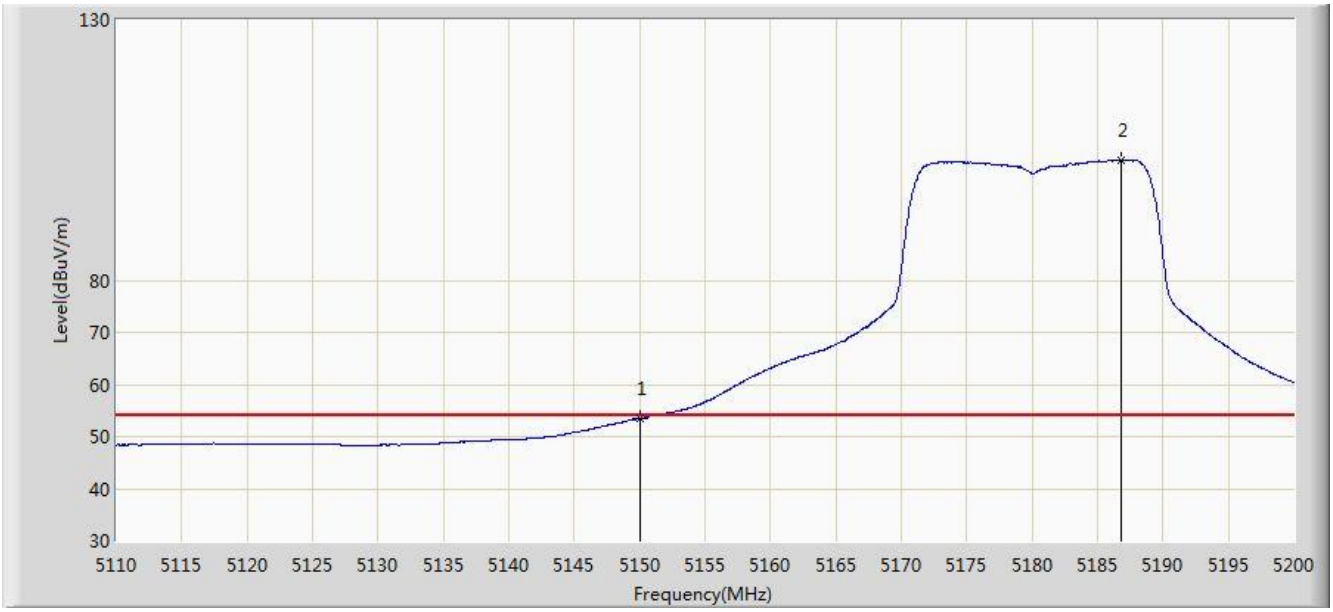


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.980	71.725	67.549	-2.275	74.000	4.176	PK
2			5150.000	68.690	64.521	-5.310	74.000	4.170	PK
3			5187.130	115.352	111.308	N/A	N/A	4.044	PK

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

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

Site: AC1	Time: 2017/02/18 - 01:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

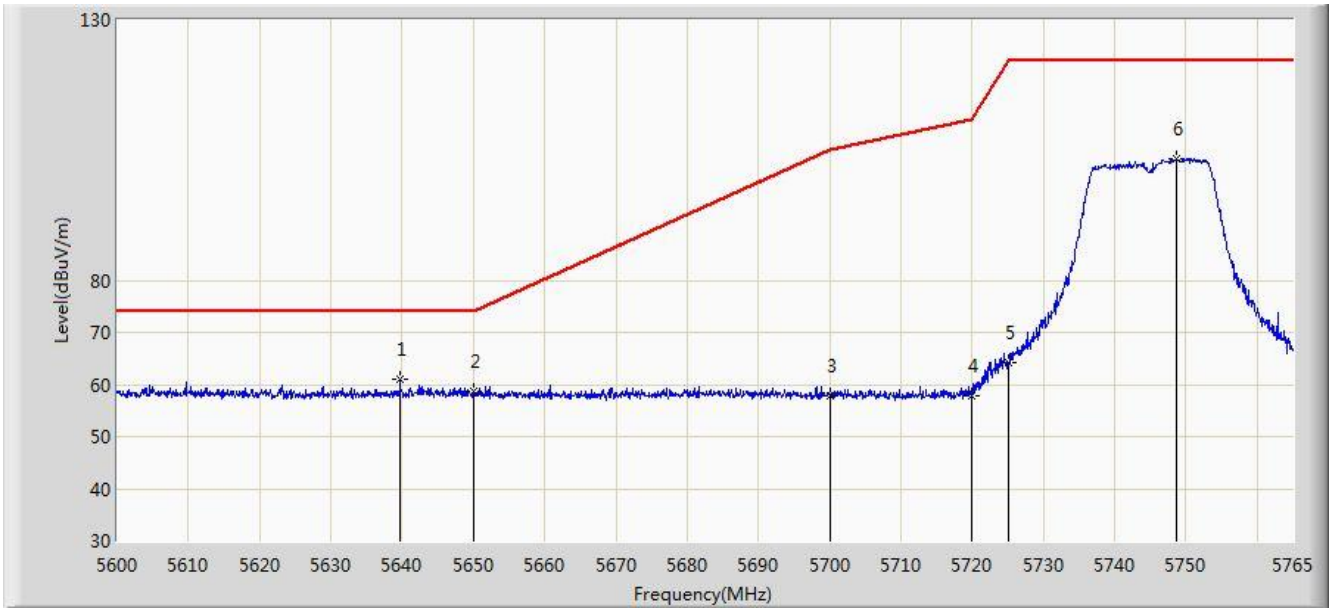


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.490	49.321	-0.510	54.000	4.170	AV
2			5186.860	103.145	99.100	N/A	N/A	4.044	AV

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

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

Site: AC1	Time: 2017/02/18 - 02:07
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

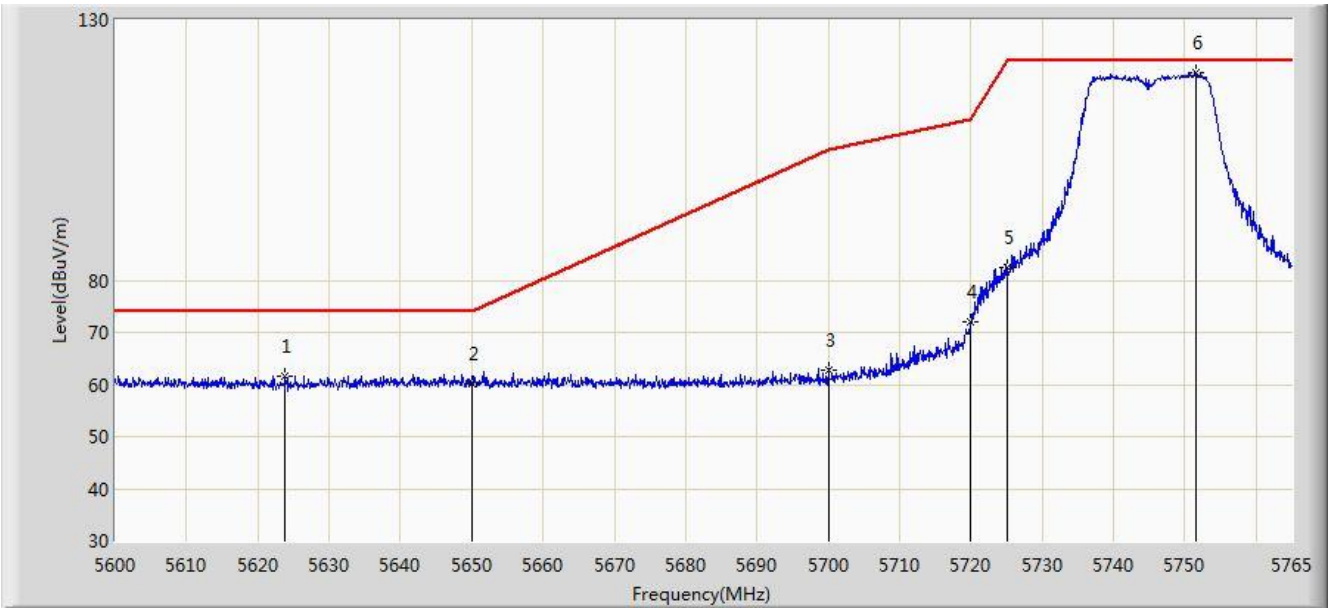


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5639.683	60.960	56.323	-13.040	74.000	4.638	PK
2			5650.000	58.680	54.009	-15.320	74.000	4.671	PK
3			5700.000	57.775	52.897	-47.425	105.200	4.878	PK
4			5720.000	57.867	52.870	-52.933	110.800	4.997	PK
5			5725.000	64.220	59.191	-57.980	122.200	5.029	PK
6			5748.748	103.288	98.112	N/A	N/A	5.177	PK

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

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

Site: AC1	Time: 2017/02/18 - 02:09
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

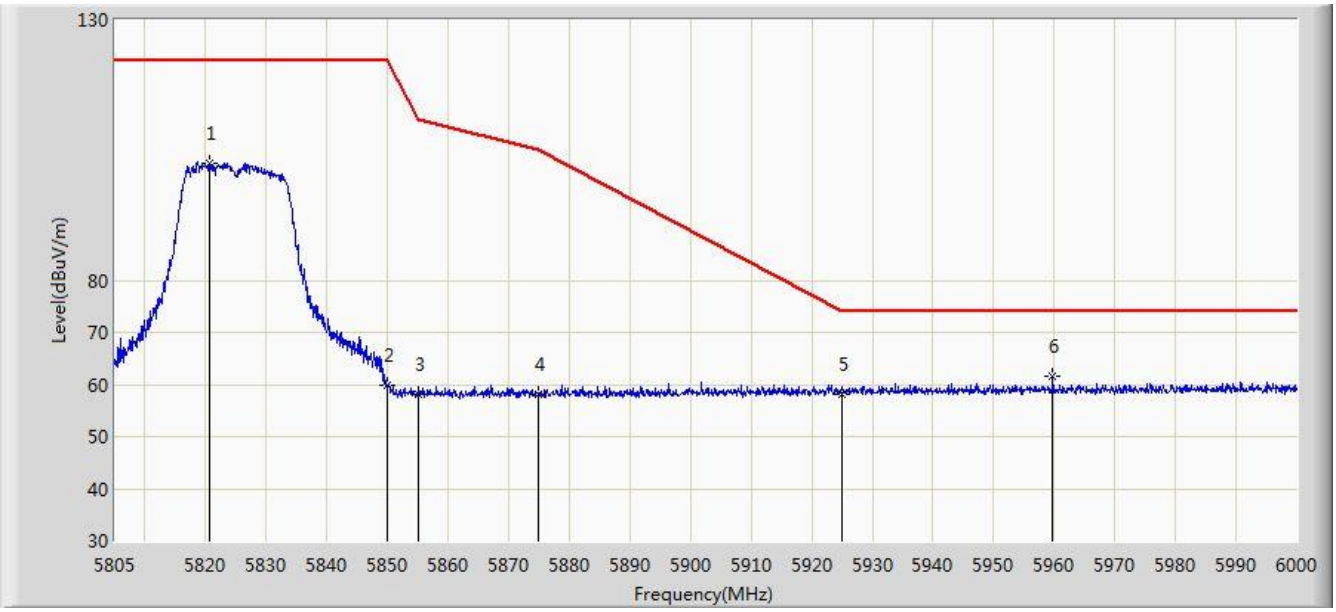


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5623.842	61.693	57.101	-12.307	74.000	4.592	PK
2			5650.000	60.157	55.486	-13.843	74.000	4.671	PK
3			5700.000	62.826	57.948	-42.374	105.200	4.878	PK
4			5720.000	72.001	67.004	-38.799	110.800	4.997	PK
5			5725.000	82.511	77.482	-39.689	122.200	5.029	PK
6			5751.553	119.723	114.531	N/A	N/A	5.192	PK

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

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

Site: AC1	Time: 2017/02/18 - 02:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

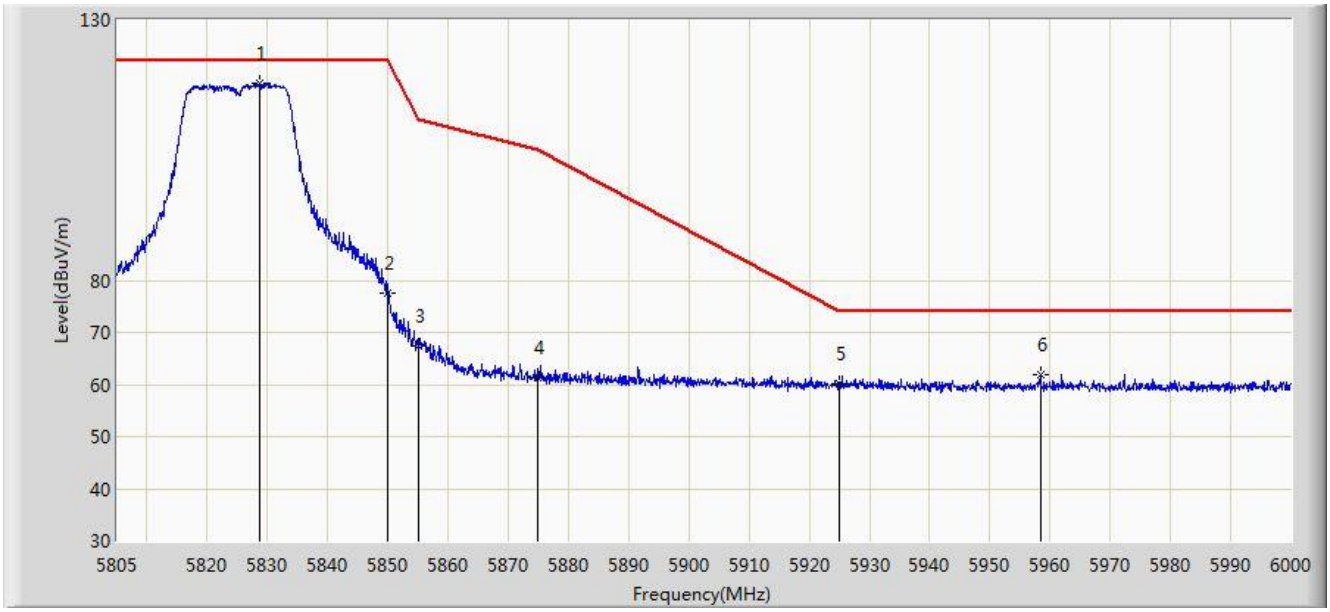


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5820.697	102.558	96.995	N/A	N/A	5.563	PK
2			5850.000	59.873	54.147	-62.327	122.200	5.726	PK
3			5855.000	58.041	52.295	-52.759	110.800	5.746	PK
4			5875.000	58.260	52.440	-46.940	105.200	5.820	PK
5			5925.000	58.171	52.205	-15.829	74.000	5.967	PK
6			5959.732	61.505	55.462	-12.495	74.000	6.043	PK

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

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

Site: AC1	Time: 2017/02/18 - 02:16
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

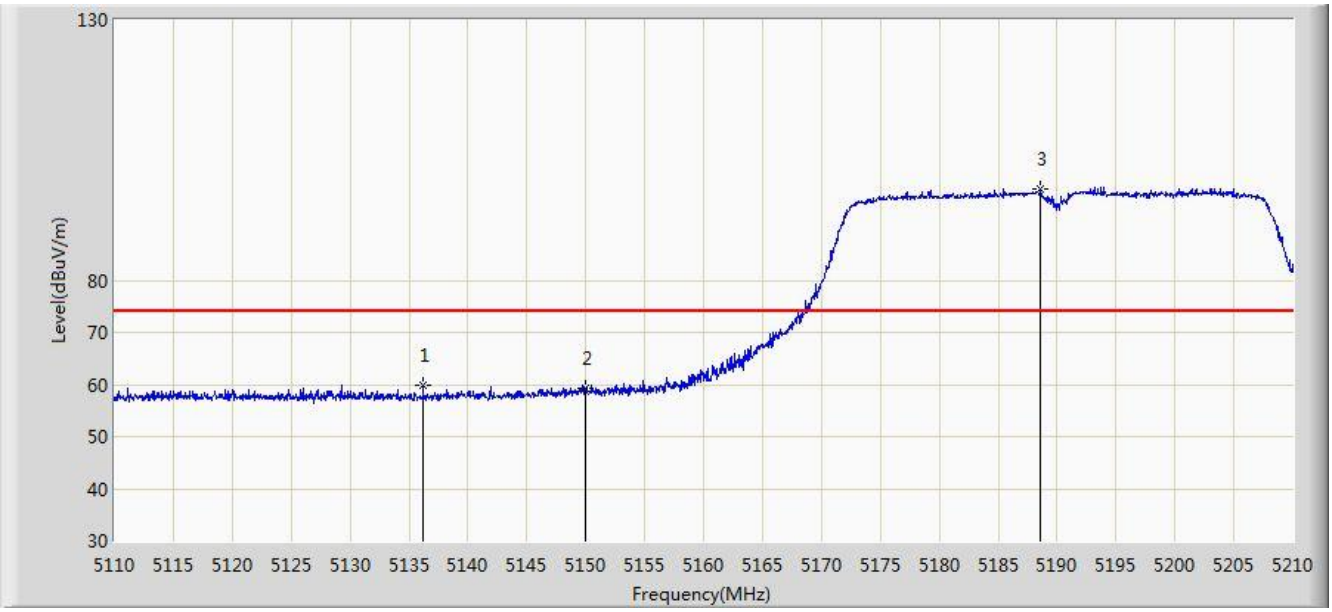


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5828.692	117.775	112.165	N/A	N/A	5.609	PK
2			5850.000	77.627	71.901	-44.573	122.200	5.726	PK
3			5855.000	67.364	61.618	-43.436	110.800	5.746	PK
4			5875.000	61.424	55.604	-43.776	105.200	5.820	PK
5			5925.000	60.193	54.227	-13.807	74.000	5.967	PK
6			5958.368	61.975	55.934	-12.025	74.000	6.041	PK

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

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

Site: AC1	Time: 2017/02/18 - 02:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

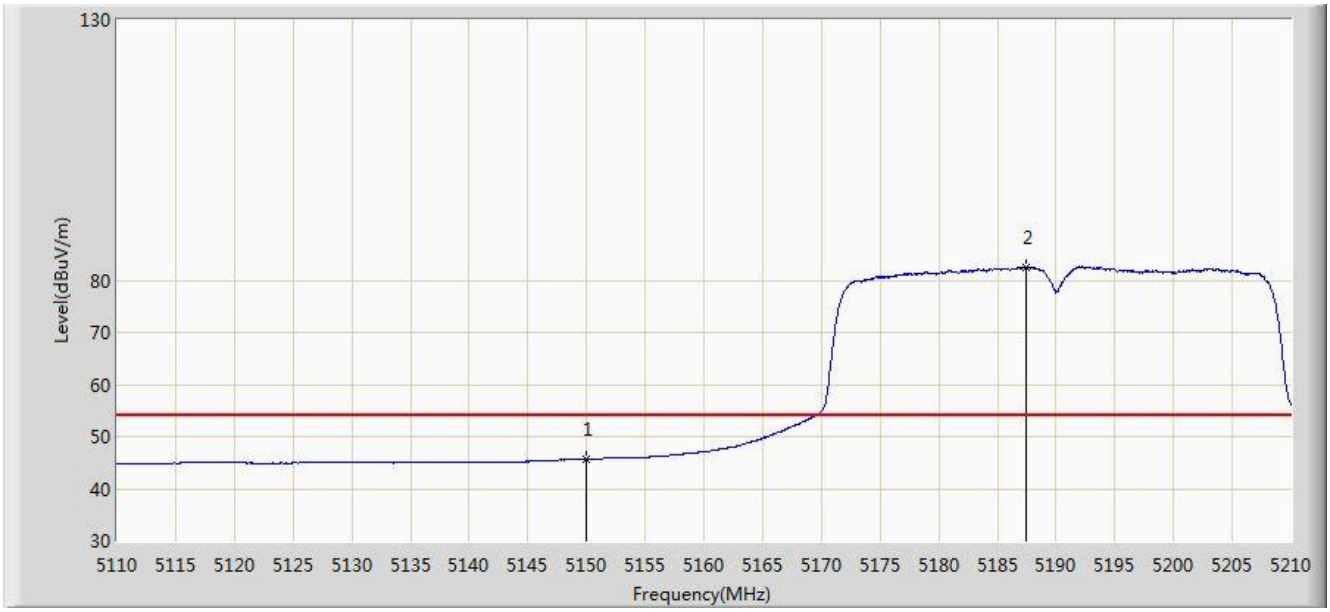


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5136.200	59.987	55.812	-14.013	74.000	4.175	PK
2			5150.000	59.159	54.990	-14.841	74.000	4.170	PK
3			5188.600	97.612	93.574	N/A	N/A	4.038	PK

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

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

Site: AC1	Time: 2017/02/18 - 02:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

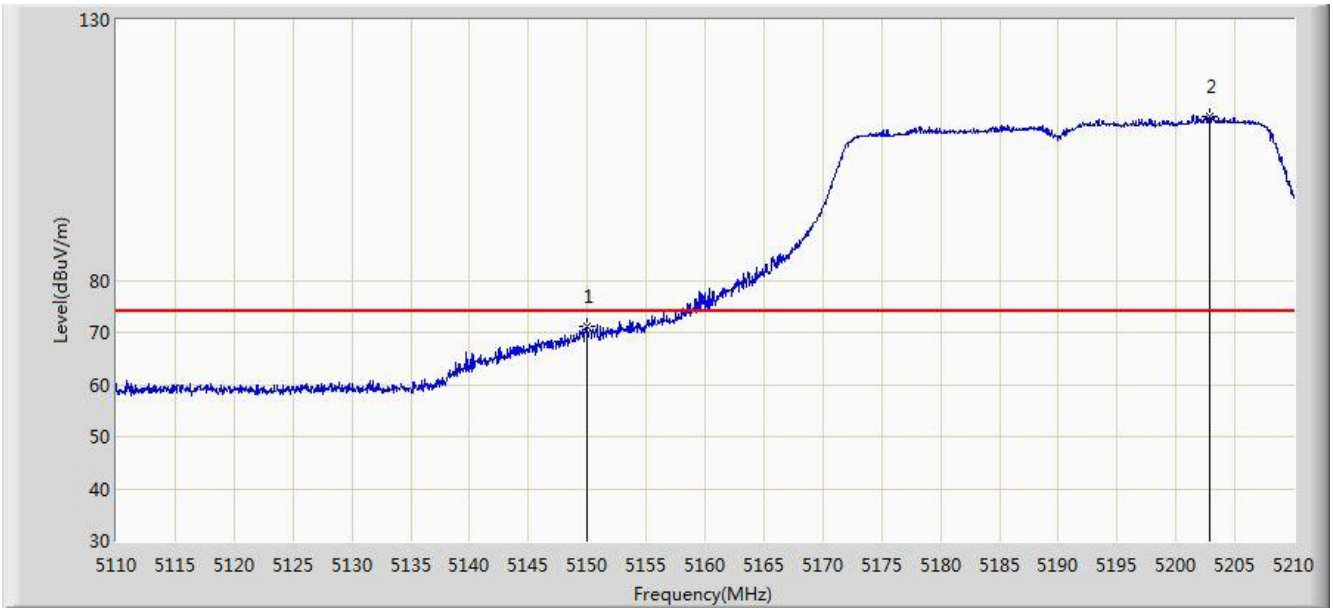


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.721	41.552	-8.279	54.000	4.170	AV
2			5187.400	82.426	78.383	N/A	N/A	4.043	AV

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

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

Site: AC1	Time: 2017/02/18 - 02:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

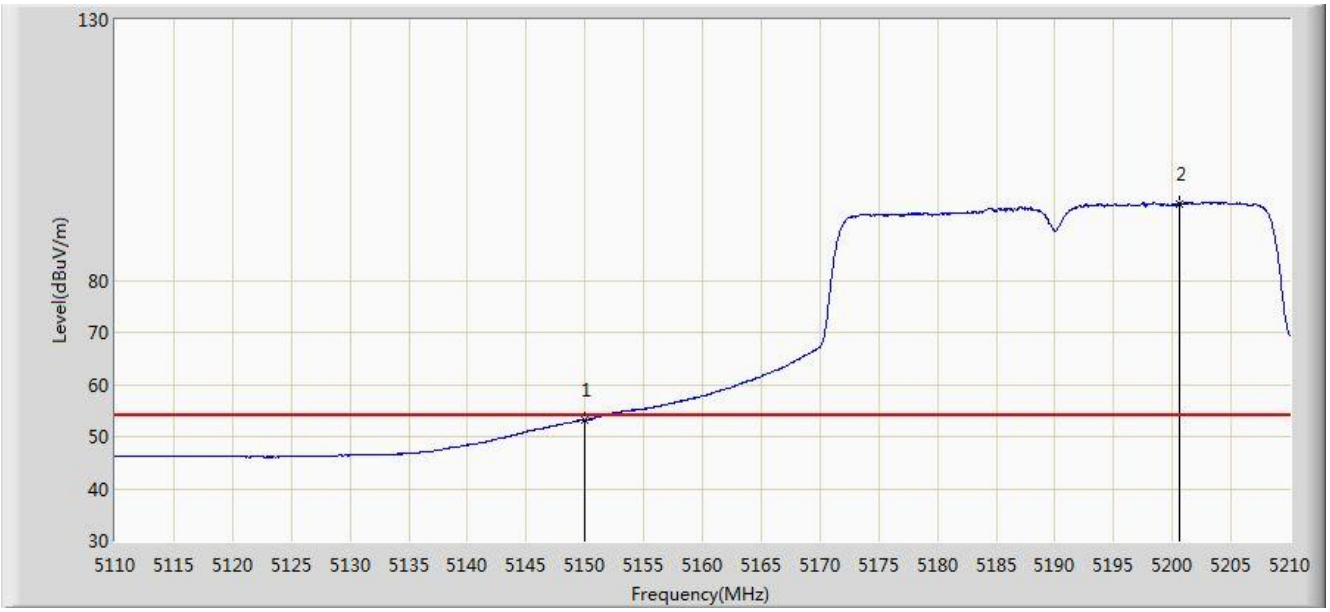


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	71.204	67.035	-2.796	74.000	4.170	PK
2			5202.800	111.560	107.570	N/A	N/A	3.991	PK

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

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

Site: AC1	Time: 2017/02/18 - 02:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

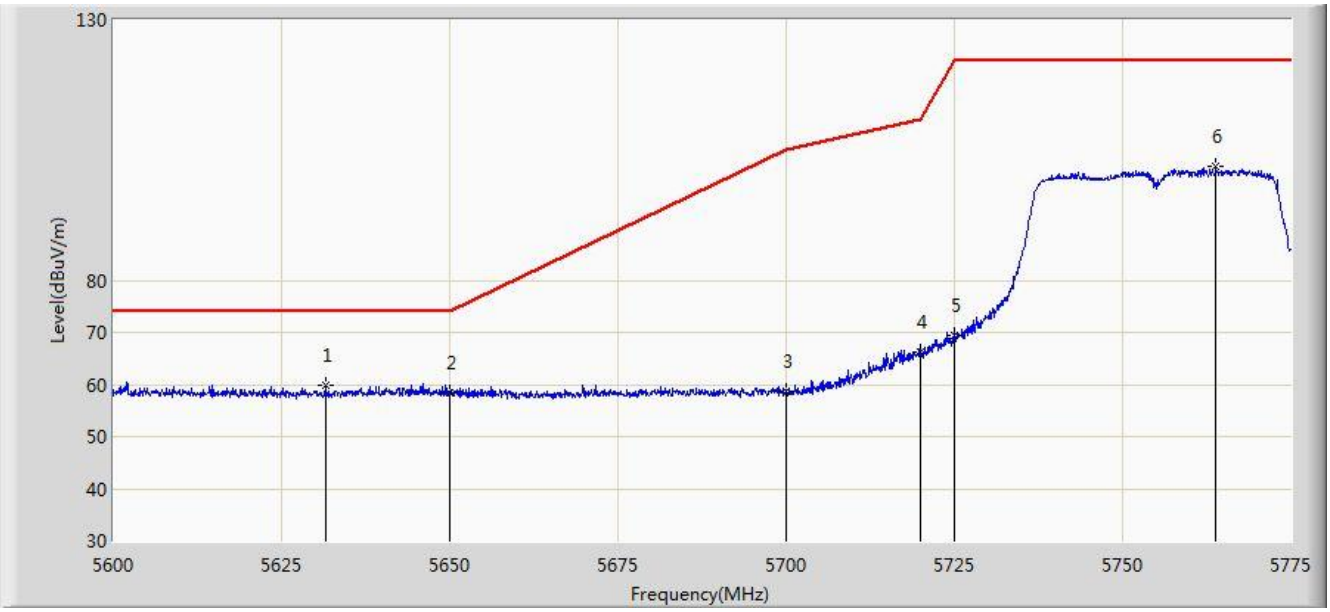


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.249	49.080	-0.751	54.000	4.170	AV
2			5200.600	94.764	90.767	N/A	N/A	3.997	AV

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

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

Site: AC1	Time: 2017/02/18 - 02:55
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

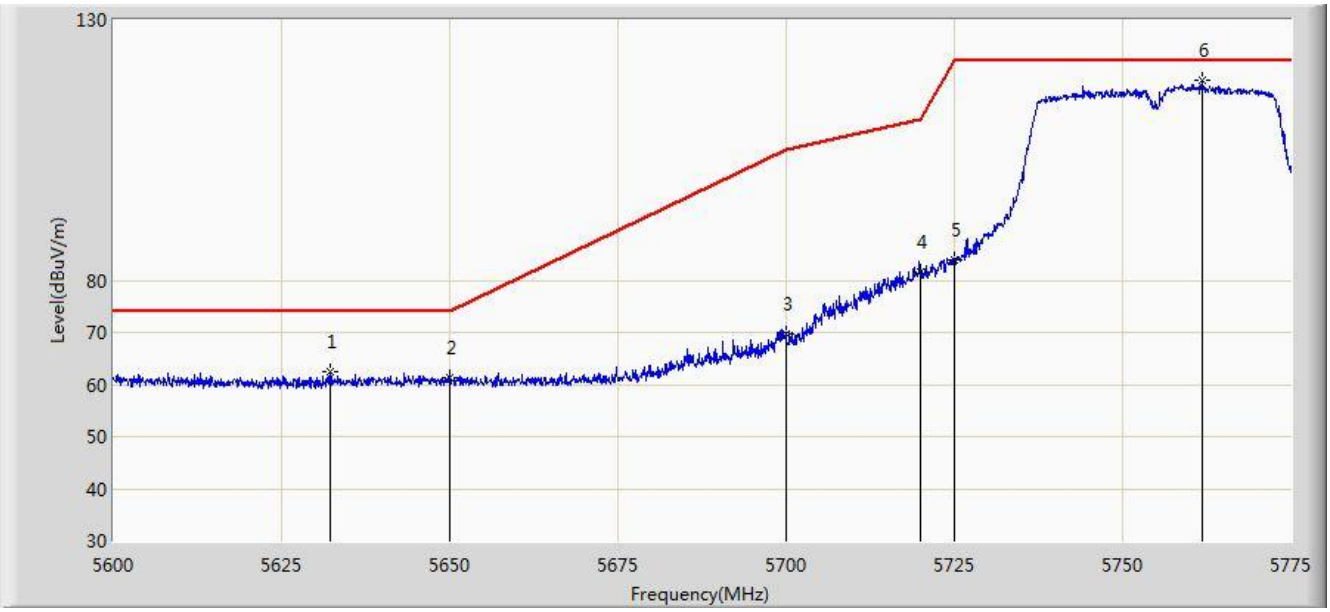


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5631.500	59.766	55.153	-14.234	74.000	4.613	PK
2			5650.000	58.351	53.680	-15.649	74.000	4.671	PK
3			5700.000	58.695	53.817	-46.505	105.200	4.878	PK
4			5720.000	66.116	61.119	-44.684	110.800	4.997	PK
5			5725.000	69.533	64.504	-52.667	122.200	5.029	PK
6			5763.888	101.986	96.726	N/A	N/A	5.259	PK

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

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

Site: AC1	Time: 2017/02/18 - 02:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

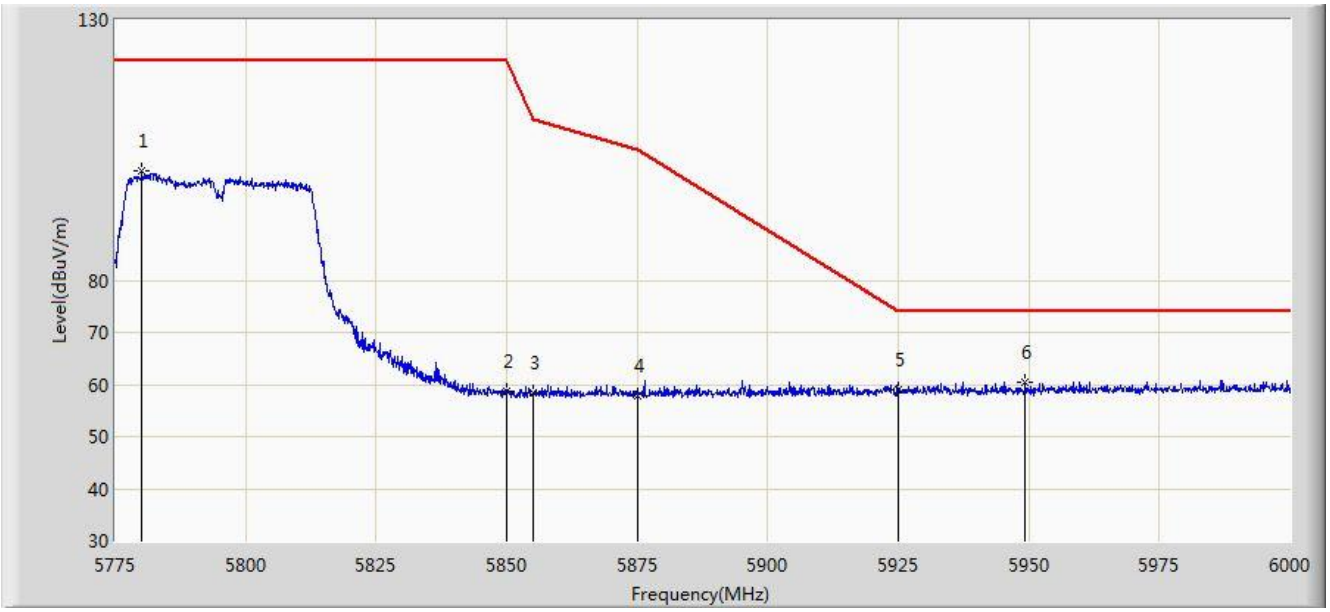


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5632.288	62.582	57.966	-11.418	74.000	4.615	PK
2			5650.000	61.369	56.698	-12.631	74.000	4.671	PK
3			5700.000	69.696	64.818	-35.504	105.200	4.878	PK
4			5720.000	81.714	76.717	-29.086	110.800	4.997	PK
5			5725.000	83.980	78.951	-38.220	122.200	5.029	PK
6			5761.875	118.409	113.159	N/A	N/A	5.250	PK

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

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

Site: AC1	Time: 2017/02/18 - 02:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

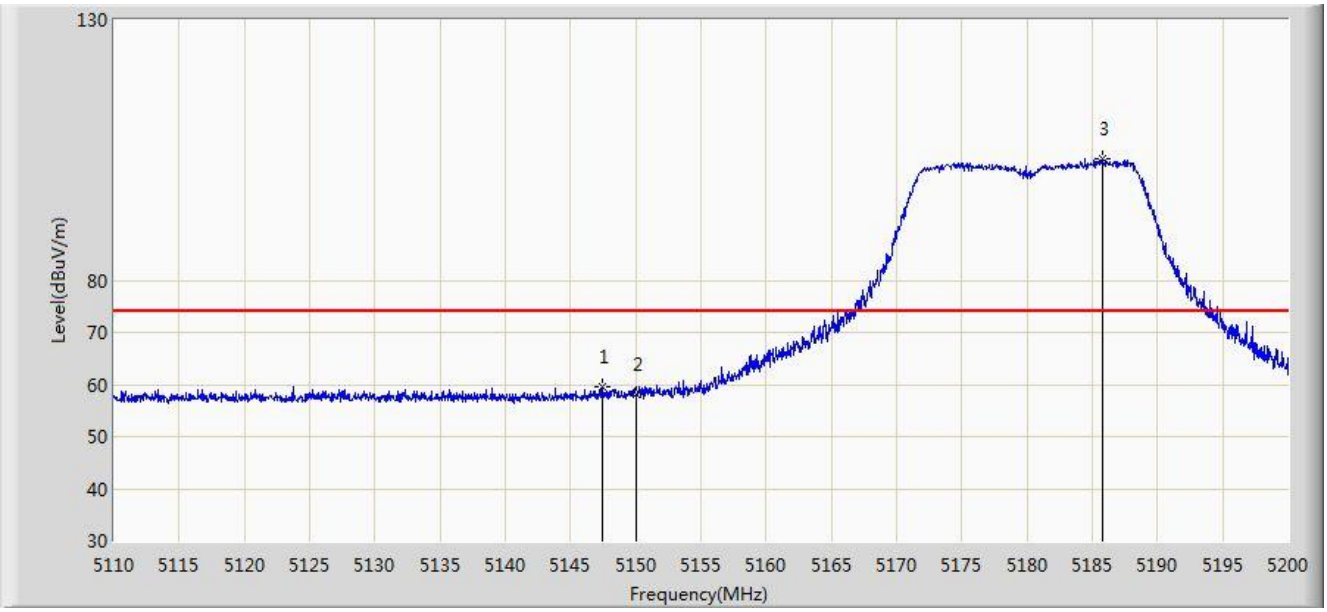


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5780.175	101.148	95.806	N/A	N/A	5.343	PK
2			5850.000	58.694	52.968	-63.506	122.200	5.726	PK
3			5855.000	58.471	52.725	-52.329	110.800	5.746	PK
4			5875.000	57.699	51.879	-47.501	105.200	5.820	PK
5			5925.000	58.966	53.000	-15.034	74.000	5.967	PK
6			5949.263	60.340	54.315	-13.660	74.000	6.025	PK

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

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

Site: AC1	Time: 2017/02/18 - 03:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

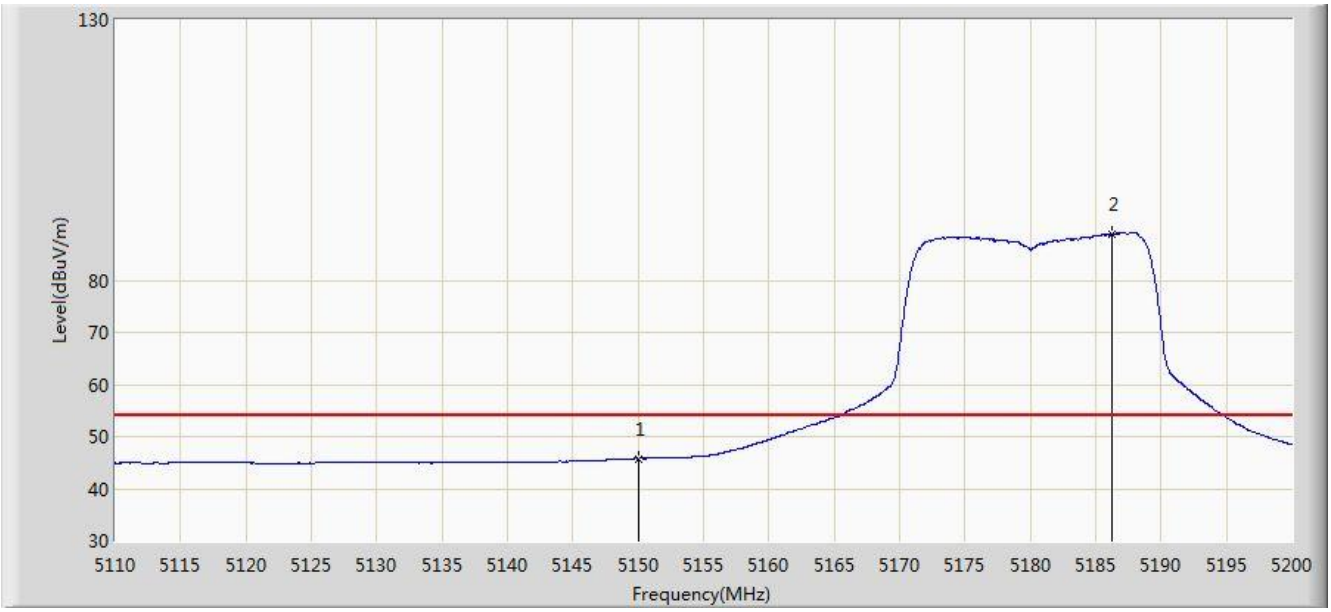


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.395	59.565	55.389	-14.435	74.000	4.175	PK
2			5150.000	58.234	54.065	-15.766	74.000	4.170	PK
3			5185.735	103.435	100.431	N/A	N/A	3.004	PK

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

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

Site: AC1	Time: 2017/02/18 - 03:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

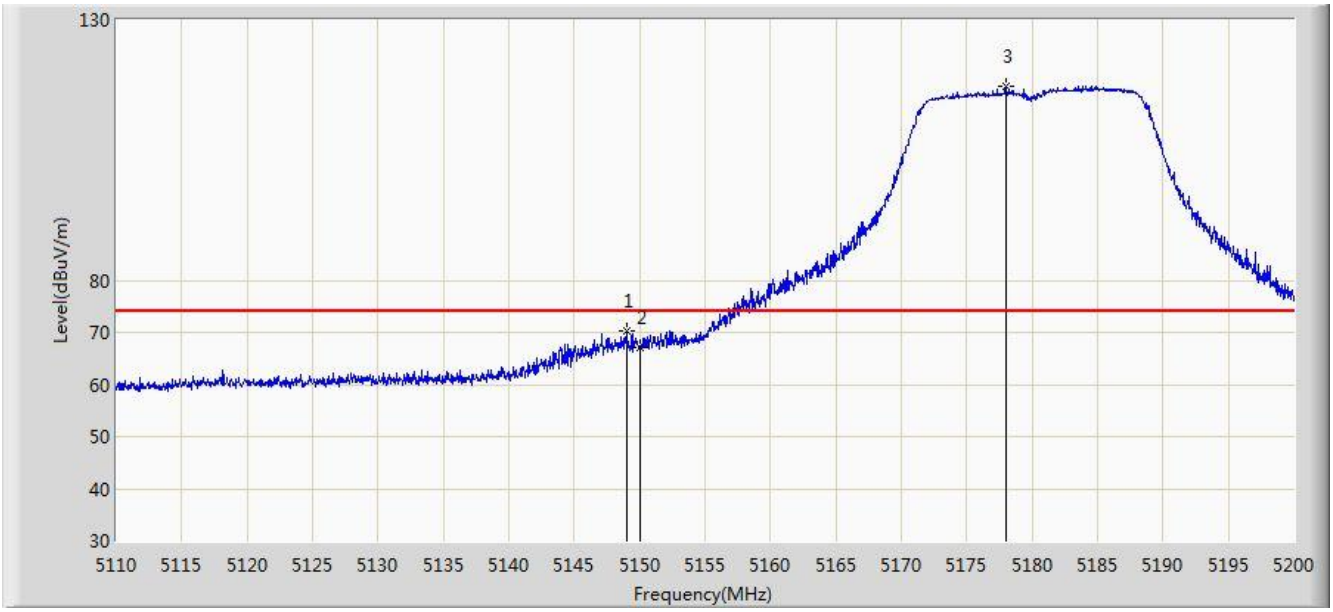


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.781	41.612	-8.219	54.000	4.170	AV
2			5186.185	88.880	84.833	N/A	N/A	4.047	AV

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

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

Site: AC1	Time: 2017/02/18 - 03:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

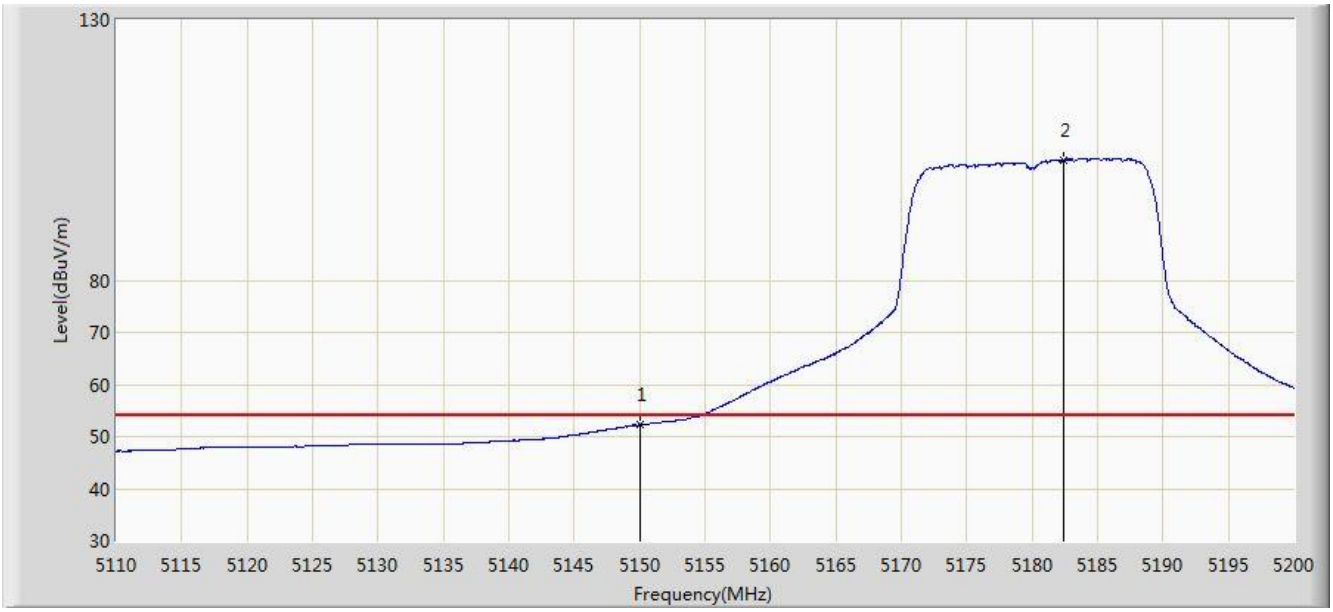


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.970	70.383	66.210	-3.617	74.000	4.173	PK
2			5150.000	66.991	62.822	-7.009	74.000	4.170	PK
3			5177.995	117.170	113.094	N/A	N/A	4.077	PK

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

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

Site: AC1	Time: 2017/02/18 - 03:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

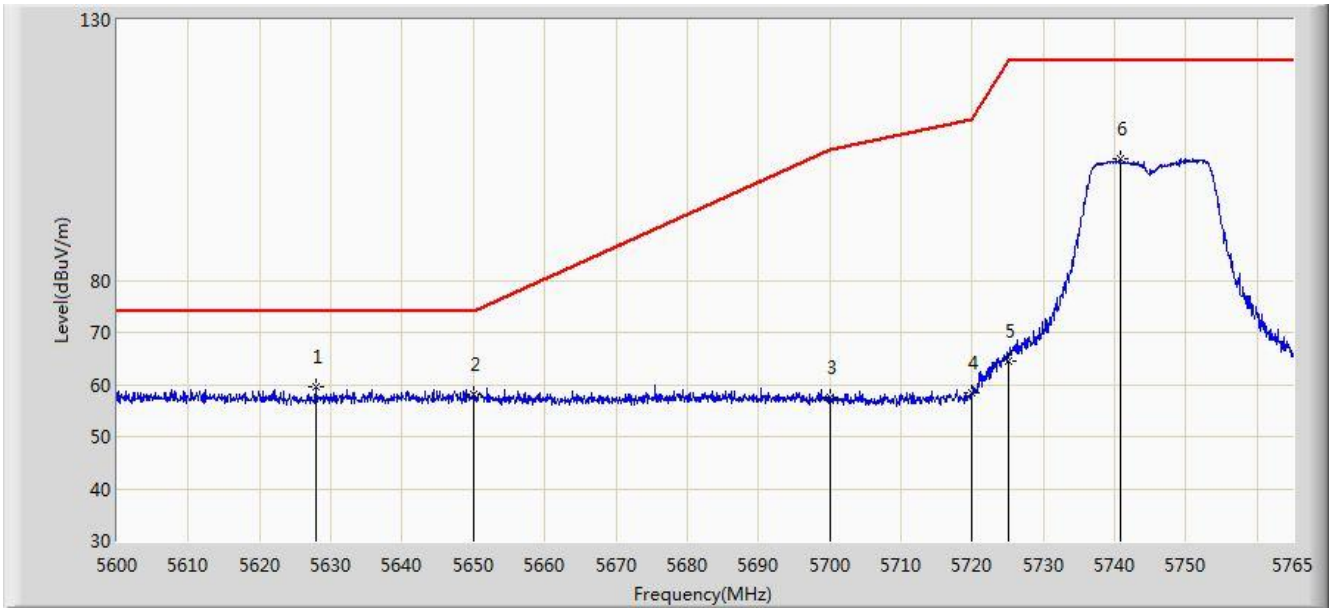


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.249	48.080	-1.751	54.000	4.170	AV
2			5182.450	103.138	99.078	N/A	N/A	4.060	AV

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

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

Site: AC1	Time: 2017/02/18 - 03:29
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

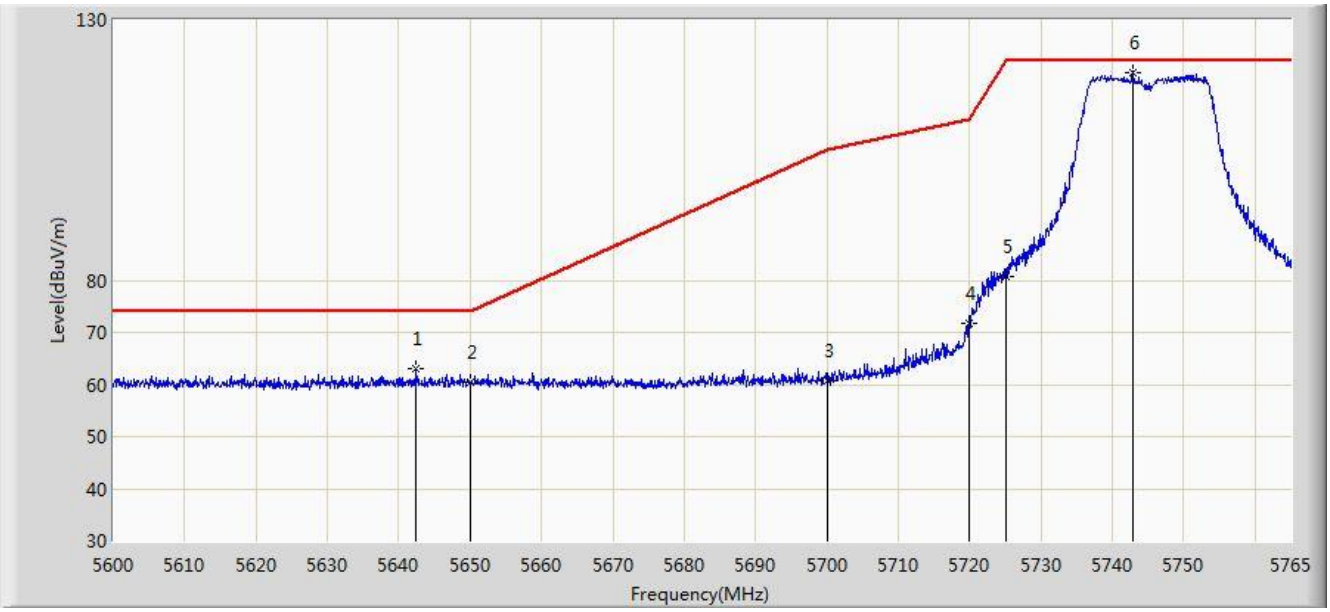


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5627.885	59.442	54.839	-14.558	74.000	4.604	PK
2			5650.000	58.216	53.545	-15.784	74.000	4.671	PK
3			5700.000	57.505	52.627	-47.695	105.200	4.878	PK
4			5720.000	58.374	53.377	-52.426	110.800	4.997	PK
5			5725.000	64.633	59.604	-57.567	122.200	5.029	PK
6			5740.828	103.465	98.335	N/A	N/A	5.130	PK

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

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

Site: AC1	Time: 2017/02/18 - 03:29
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

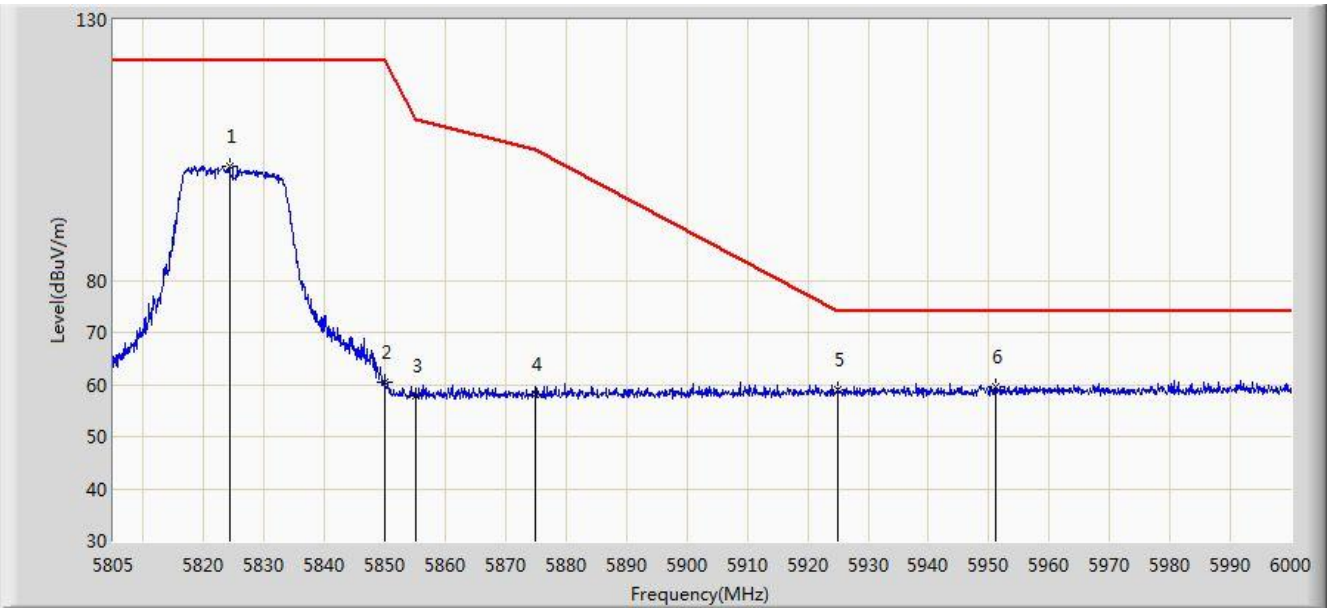


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5642.487	62.945	58.299	-11.055	74.000	4.646	PK
2			5650.000	60.316	55.645	-13.684	74.000	4.671	PK
3			5700.000	60.711	55.833	-44.489	105.200	4.878	PK
4			5720.000	71.831	66.834	-38.969	110.800	4.997	PK
5			5725.000	80.834	75.805	-41.366	122.200	5.029	PK
6			5742.808	119.993	114.851	N/A	N/A	5.142	PK

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

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

Site: AC1	Time: 2017/02/18 - 03:30
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

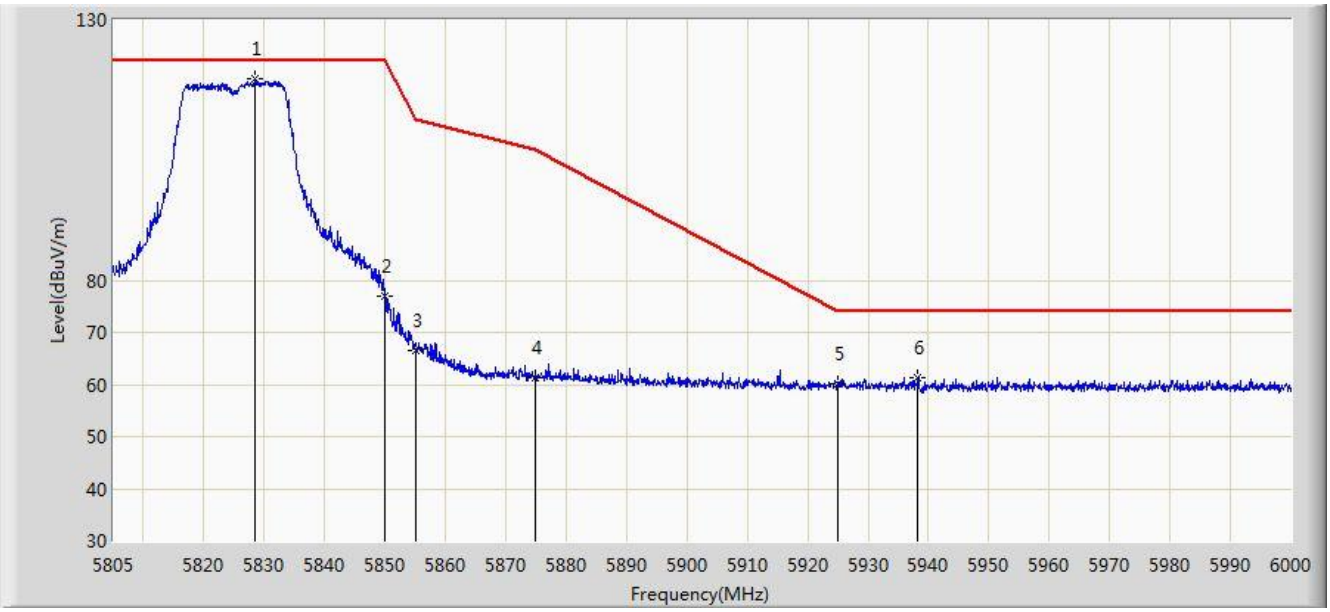


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5824.208	101.911	96.328	N/A	N/A	5.584	PK
2			5850.000	60.545	54.819	-61.655	122.200	5.726	PK
3			5855.000	57.836	52.090	-52.964	110.800	5.746	PK
4			5875.000	58.216	52.396	-46.984	105.200	5.820	PK
5			5925.000	59.038	53.072	-14.962	74.000	5.967	PK
6			5951.055	59.471	53.443	-14.529	74.000	6.028	PK

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

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

Site: AC1	Time: 2017/02/18 - 03:32
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

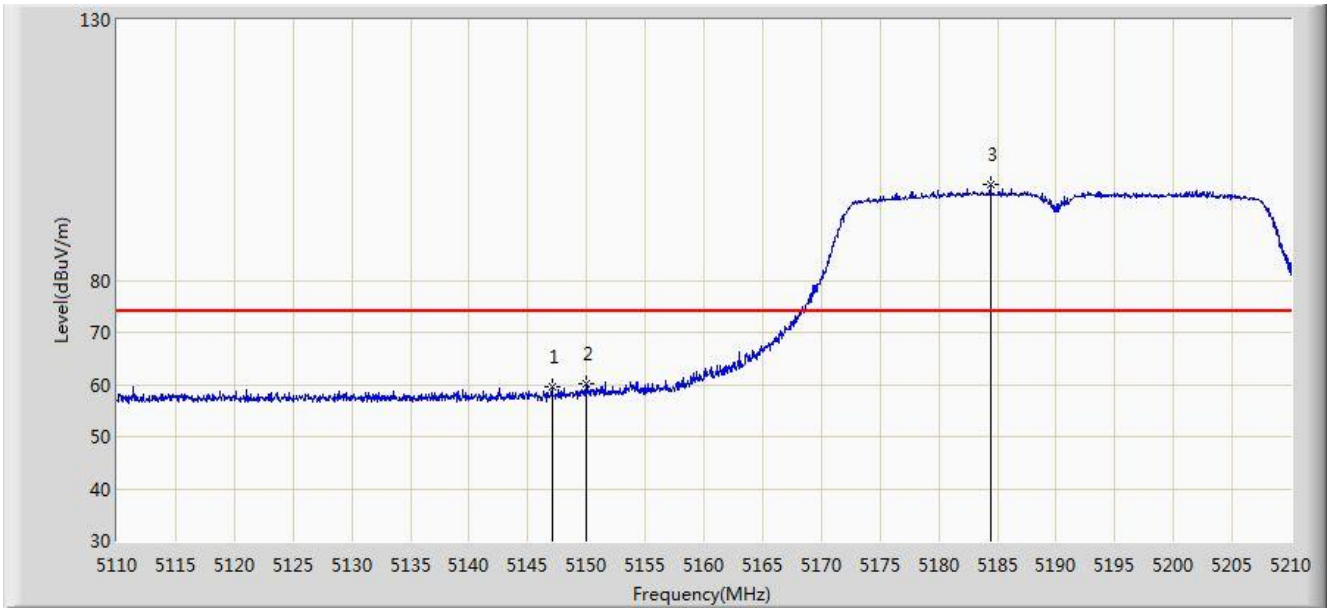


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5828.400	118.581	112.973	N/A	N/A	5.607	PK
2			5850.000	76.882	71.156	-45.318	122.200	5.726	PK
3			5855.000	66.462	60.716	-44.338	110.800	5.746	PK
4			5875.000	61.425	55.605	-43.775	105.200	5.820	PK
5			5925.000	60.243	54.277	-13.757	74.000	5.967	PK
6			5938.185	61.442	55.443	-12.558	74.000	5.998	PK

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

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

Site: AC1	Time: 2017/02/19 - 11:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

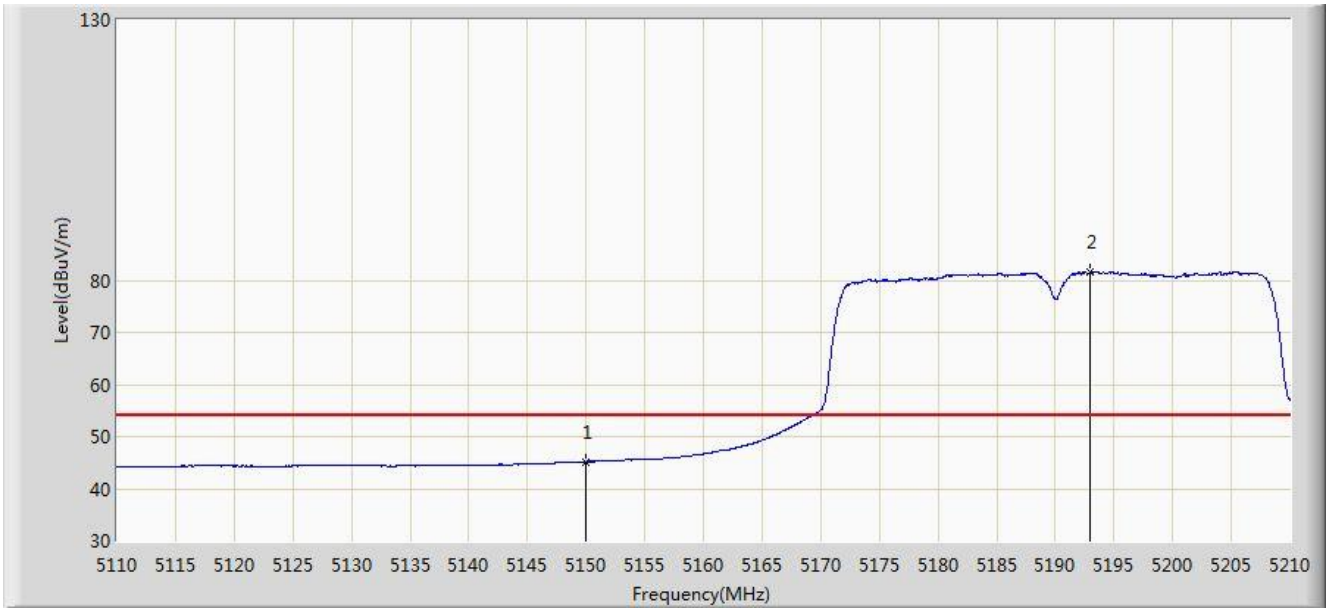


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.050	59.514	55.338	-14.486	74.000	4.176	PK
2			5150.000	60.043	55.874	-13.957	74.000	4.170	PK
3			5184.400	98.280	94.227	N/A	N/A	4.053	PK

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

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

Site: AC1	Time: 2017/02/19 - 11:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

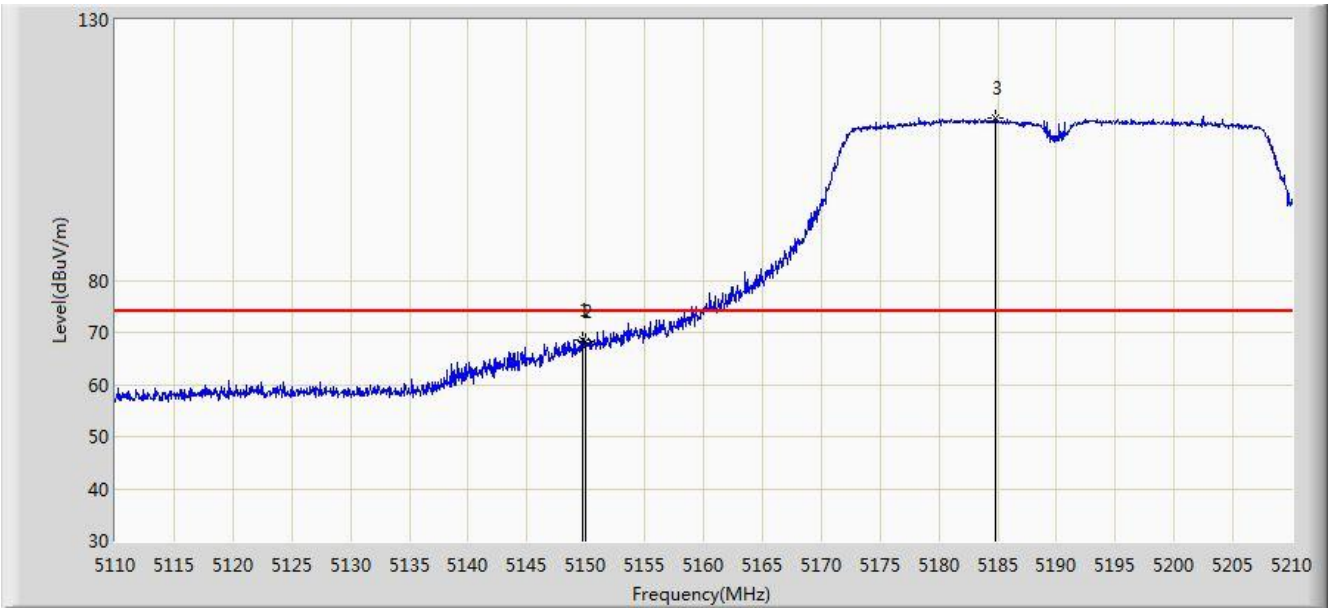


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.195	41.026	-8.805	54.000	4.170	AV
2			5193.000	81.455	77.432	N/A	N/A	4.022	AV

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

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

Site: AC1	Time: 2017/02/19 - 11:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

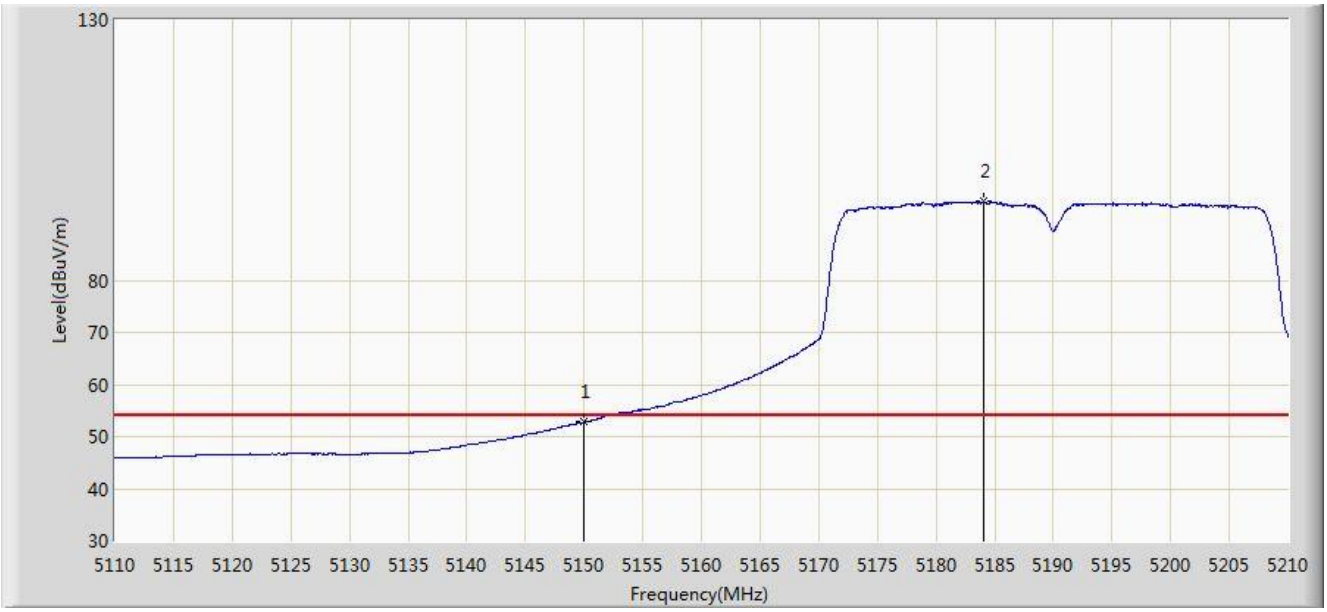


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.750	68.608	64.438	-5.392	74.000	4.170	PK
2			5150.000	68.232	64.063	-5.768	74.000	4.170	PK
3			5184.850	111.189	107.137	N/A	N/A	4.052	PK

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

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

Site: AC1	Time: 2017/02/19 - 11:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

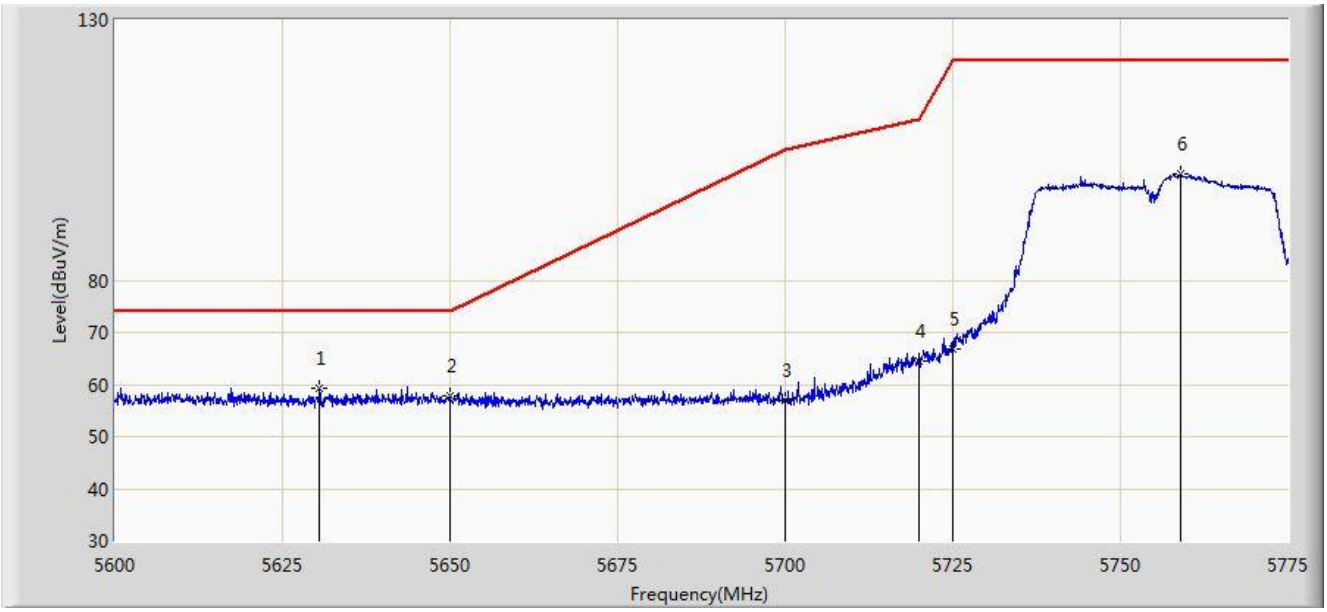


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.759	48.590	-1.241	54.000	4.170	AV
2			5184.000	95.091	91.036	N/A	N/A	4.055	AV

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

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

Site: AC1	Time: 2017/02/19 - 12:25
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

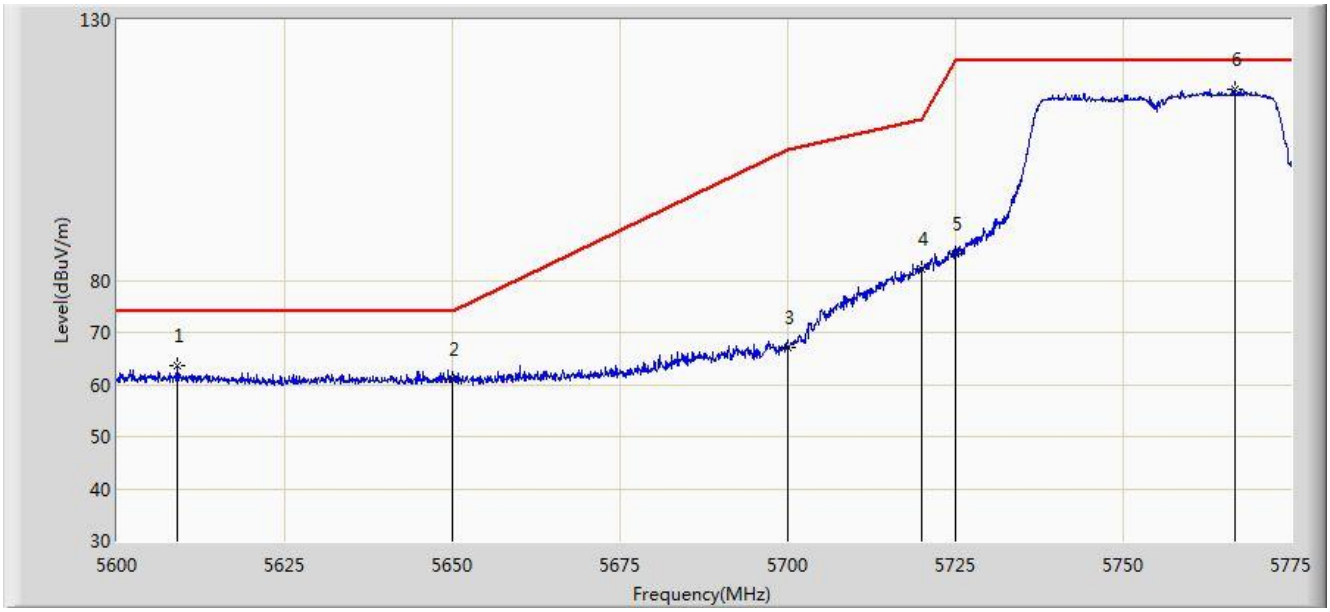


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5630.538	59.402	54.791	-14.598	74.000	4.611	PK
2			5650.000	57.729	53.058	-16.271	74.000	4.671	PK
3			5700.000	57.006	52.128	-48.194	105.200	4.878	PK
4			5720.000	64.365	59.368	-46.435	110.800	4.997	PK
5			5725.000	66.954	61.925	-55.246	122.200	5.029	PK
6			5758.987	100.439	95.205	N/A	N/A	5.234	PK

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

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

Site: AC1	Time: 2017/02/19 - 12:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

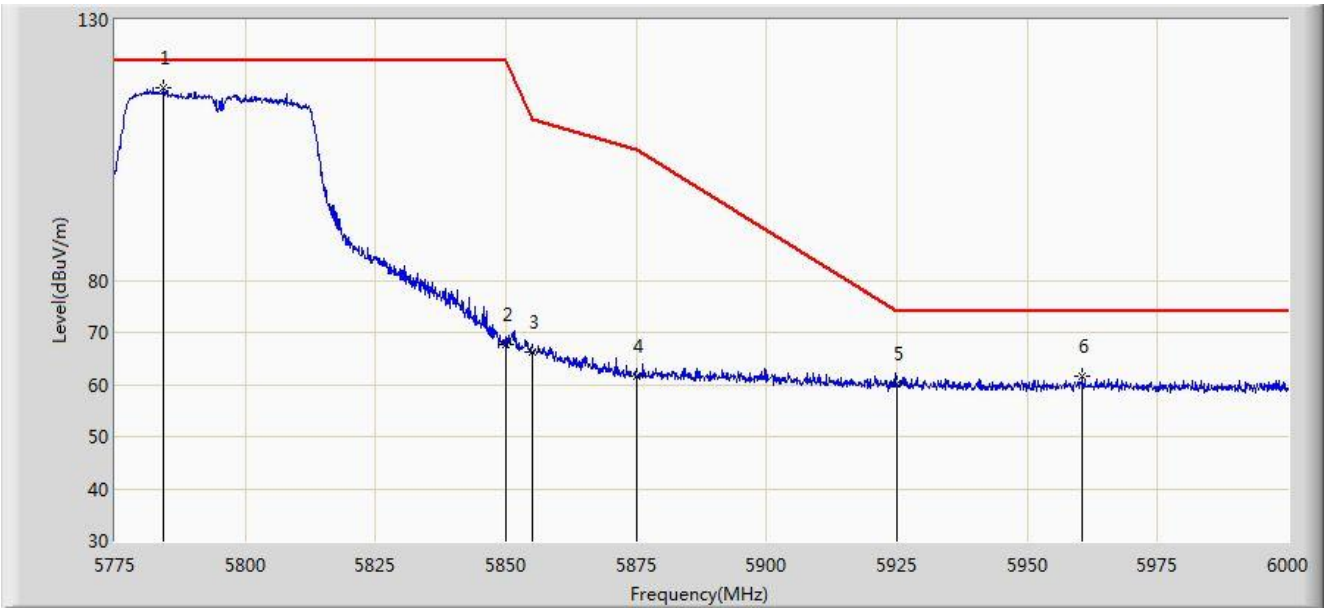


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5609.100	63.567	59.018	-10.433	74.000	4.549	PK
2			5650.000	61.010	56.339	-12.990	74.000	4.671	PK
3			5700.000	67.051	62.173	-38.149	105.200	4.878	PK
4			5720.000	82.166	77.169	-28.634	110.800	4.997	PK
5			5725.000	85.051	80.022	-37.149	122.200	5.029	PK
6			5766.775	116.799	111.525	N/A	N/A	5.274	PK

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

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

Site: AC1	Time: 2017/02/19 - 12:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

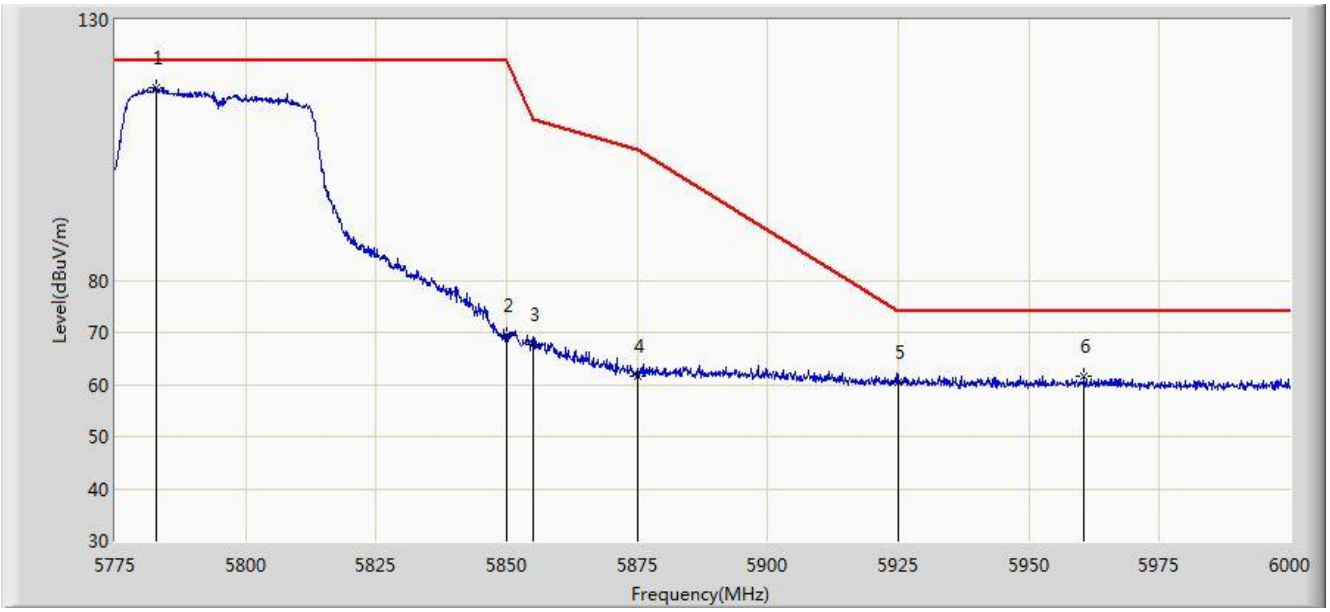


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5784.337	116.956	111.593	N/A	N/A	5.363	PK
2			5850.000	67.773	62.047	-54.427	122.200	5.726	PK
3			5855.000	66.339	60.593	-44.461	110.800	5.746	PK
4			5875.000	61.578	55.758	-43.622	105.200	5.820	PK
5			5925.000	60.037	54.071	-13.963	74.000	5.967	PK
6			5960.625	61.671	55.626	-12.329	74.000	6.045	PK

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

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

Site: AC1	Time: 2017/02/19 - 12:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

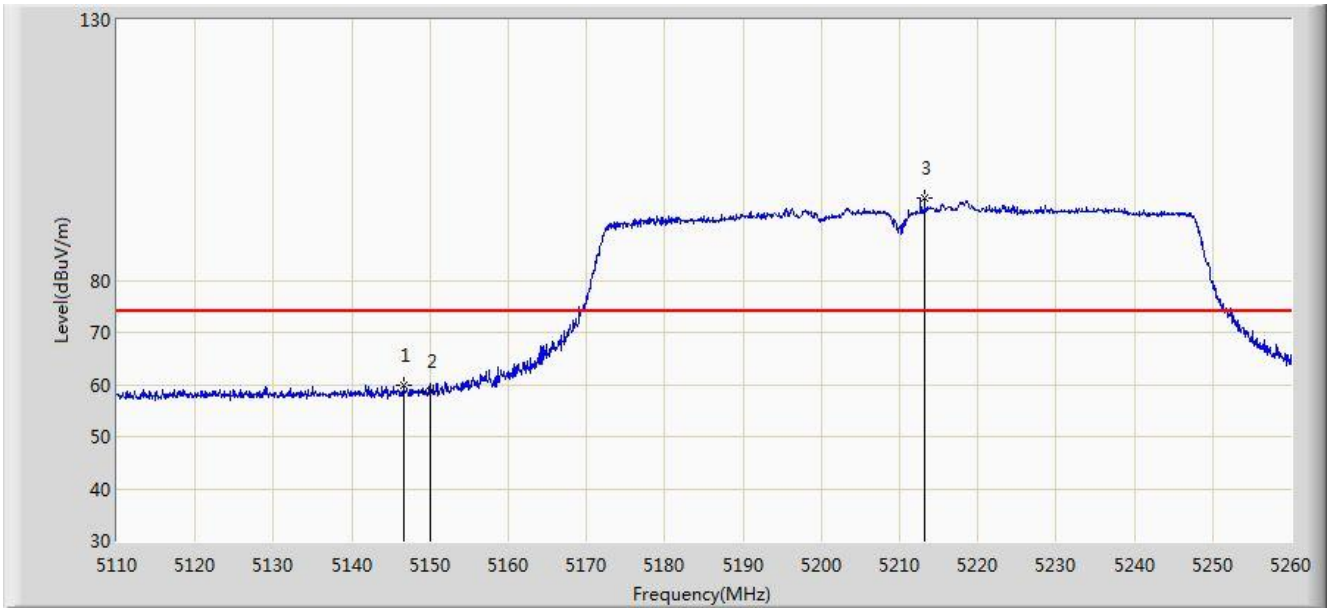


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5782.875	116.906	111.550	N/A	N/A	5.356	PK
2			5850.000	69.508	63.782	-52.692	122.200	5.726	PK
3			5855.000	67.805	62.059	-42.995	110.800	5.746	PK
4			5875.000	61.637	55.817	-43.563	105.200	5.820	PK
5			5925.000	60.438	54.472	-13.562	74.000	5.967	PK
6			5960.625	61.671	55.626	-12.329	74.000	6.045	PK

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

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

Site: AC1	Time: 2017/02/19 - 12:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

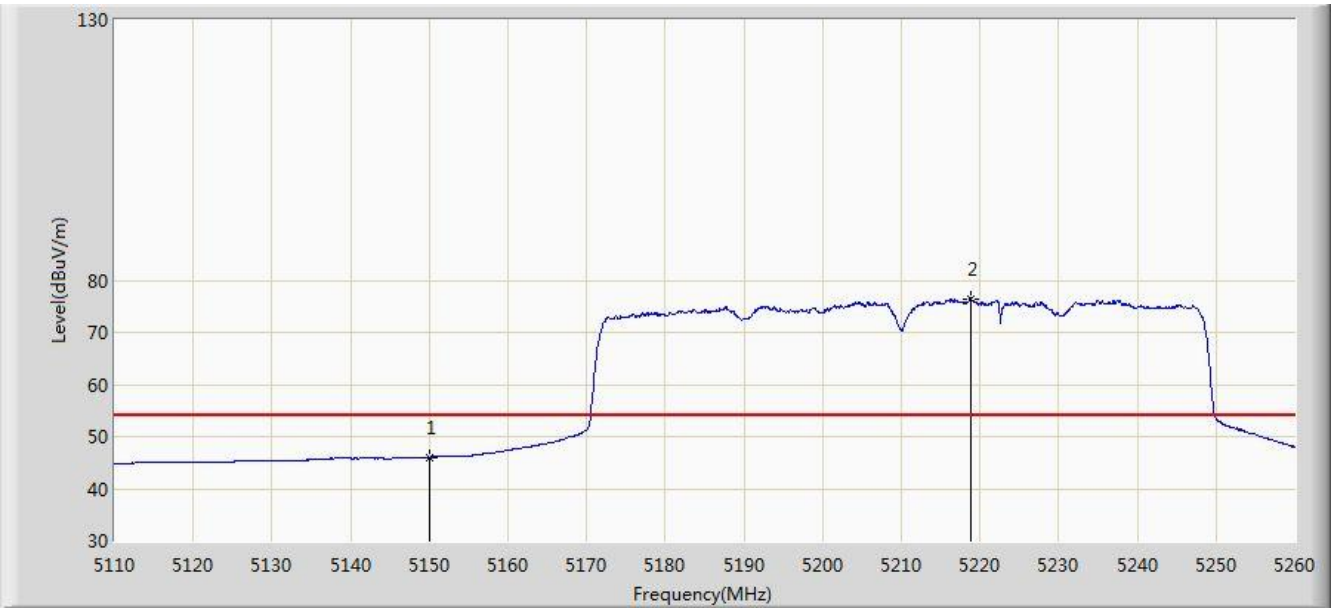


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.600	59.916	55.740	-14.084	74.000	4.176	PK
2			5150.000	58.586	54.417	-15.414	74.000	4.170	PK
3			5213.200	95.790	91.831	N/A	N/A	3.958	PK

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

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

Site: AC1	Time: 2017/02/19 - 12:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

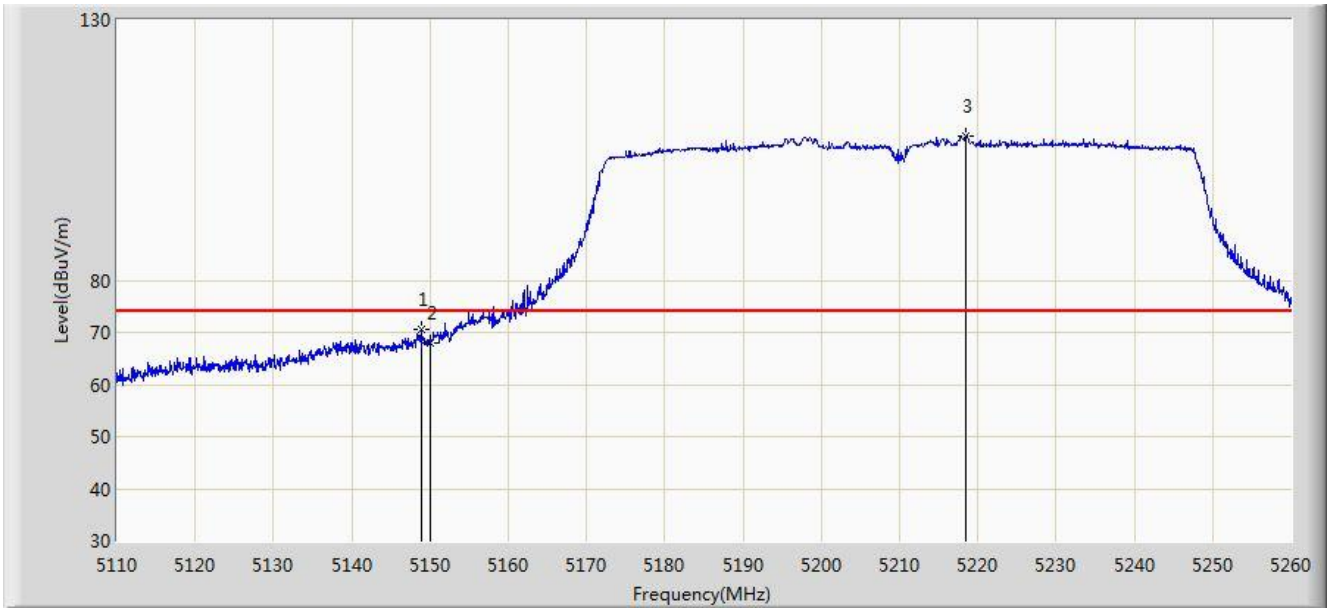


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.059	41.890	-7.941	54.000	4.170	AV
2			5218.825	76.459	72.517	N/A	N/A	3.943	AV

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

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

Site: AC1	Time: 2017/02/19 - 12:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

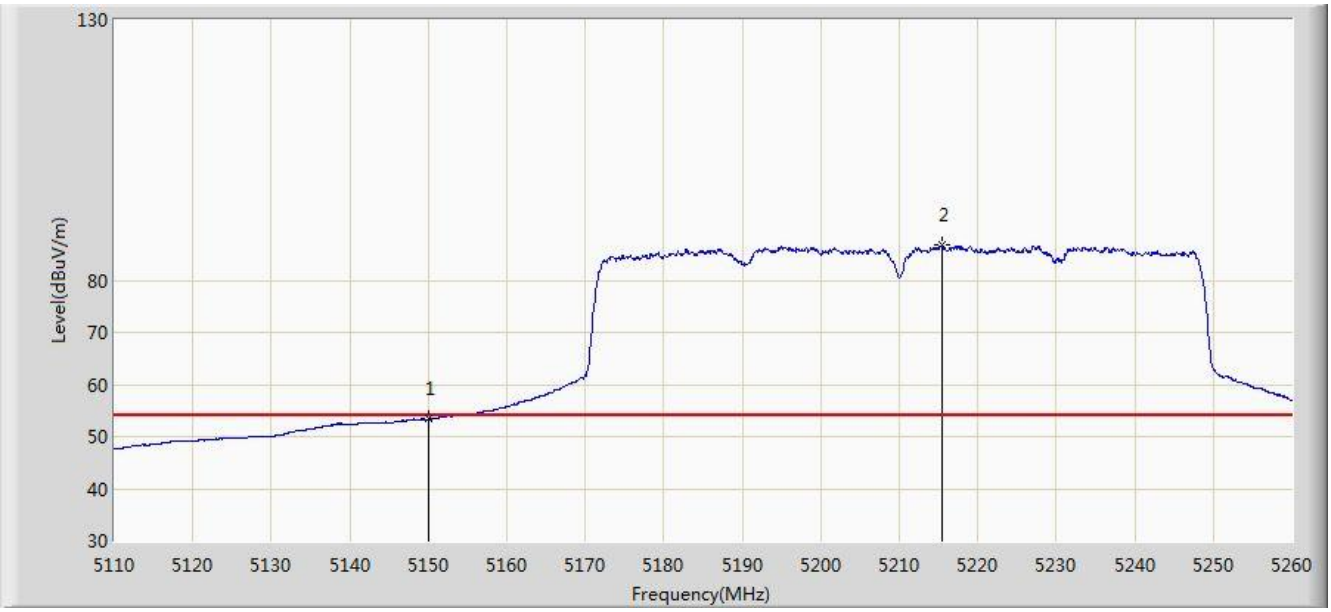


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.850	70.645	66.472	-3.355	74.000	4.173	PK
2			5150.000	67.895	63.726	-6.105	74.000	4.170	PK
3			5218.450	107.561	103.617	N/A	N/A	3.944	PK

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

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

Site: AC1	Time: 2017/02/19 - 12:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

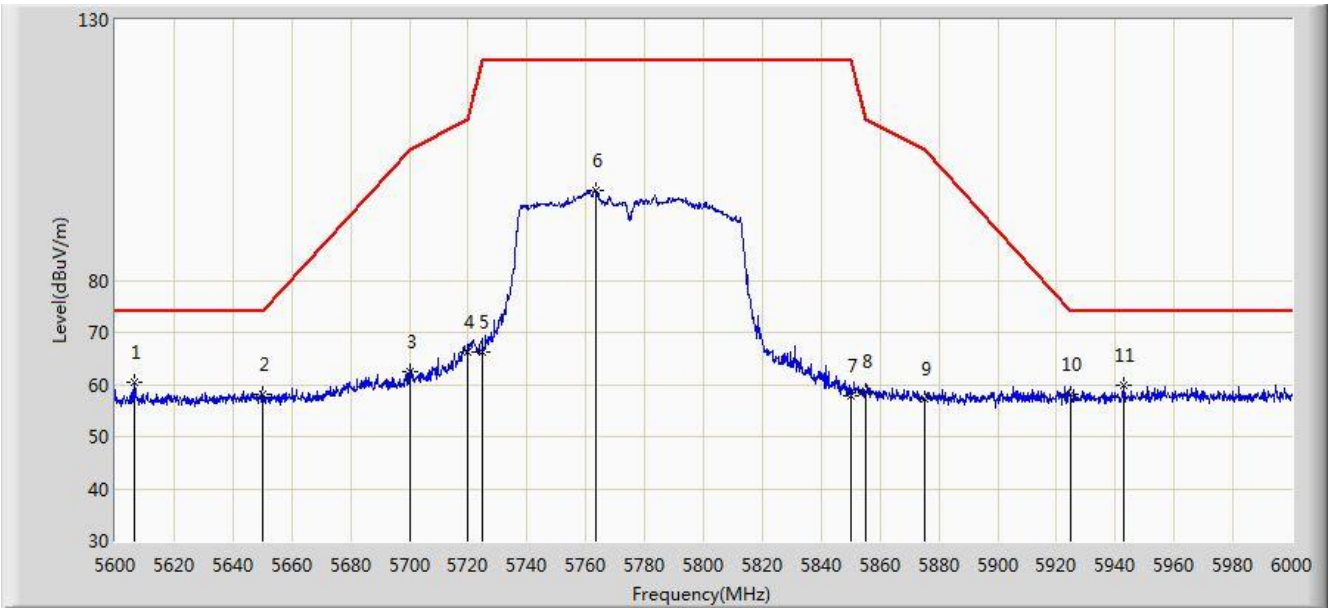


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.378	49.209	-0.622	54.000	4.170	AV
2			5215.375	86.680	82.727	N/A	N/A	3.953	AV

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

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

Site: AC1	Time: 2017/02/19 - 13:38
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

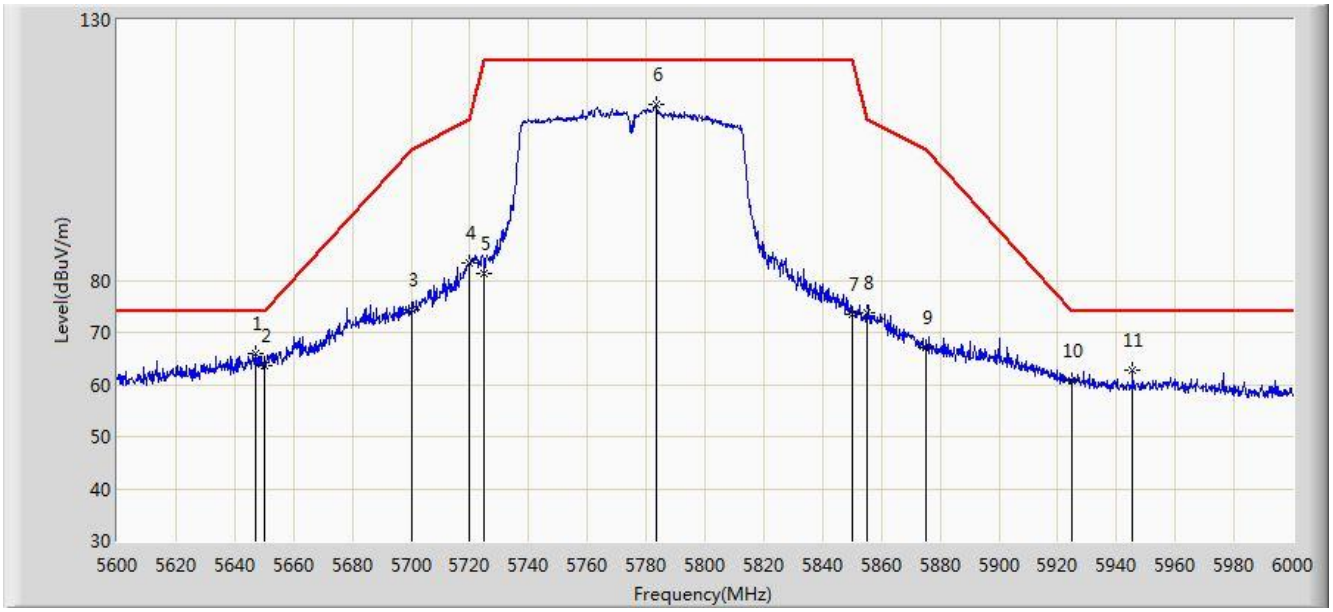


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5606.600	60.327	55.785	-13.673	74.000	4.542	PK
2			5650.000	58.138	53.467	-15.862	74.000	4.671	PK
3			5700.000	62.498	57.620	-42.702	105.200	4.878	PK
4			5720.000	66.317	61.320	-44.483	110.800	4.997	PK
5			5725.000	66.278	61.249	-55.922	122.200	5.029	PK
6			5763.600	97.246	91.988	N/A	N/A	5.258	PK
7			5850.000	57.915	52.189	-64.285	122.200	5.726	PK
8			5855.000	58.796	53.050	-52.004	110.800	5.746	PK
9			5875.000	57.228	51.408	-47.972	105.200	5.820	PK
10			5925.000	58.218	52.252	-15.782	74.000	5.967	PK
11			5942.800	59.882	53.872	-14.118	74.000	6.010	PK

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

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

Site: AC1	Time: 2017/02/19 - 13:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

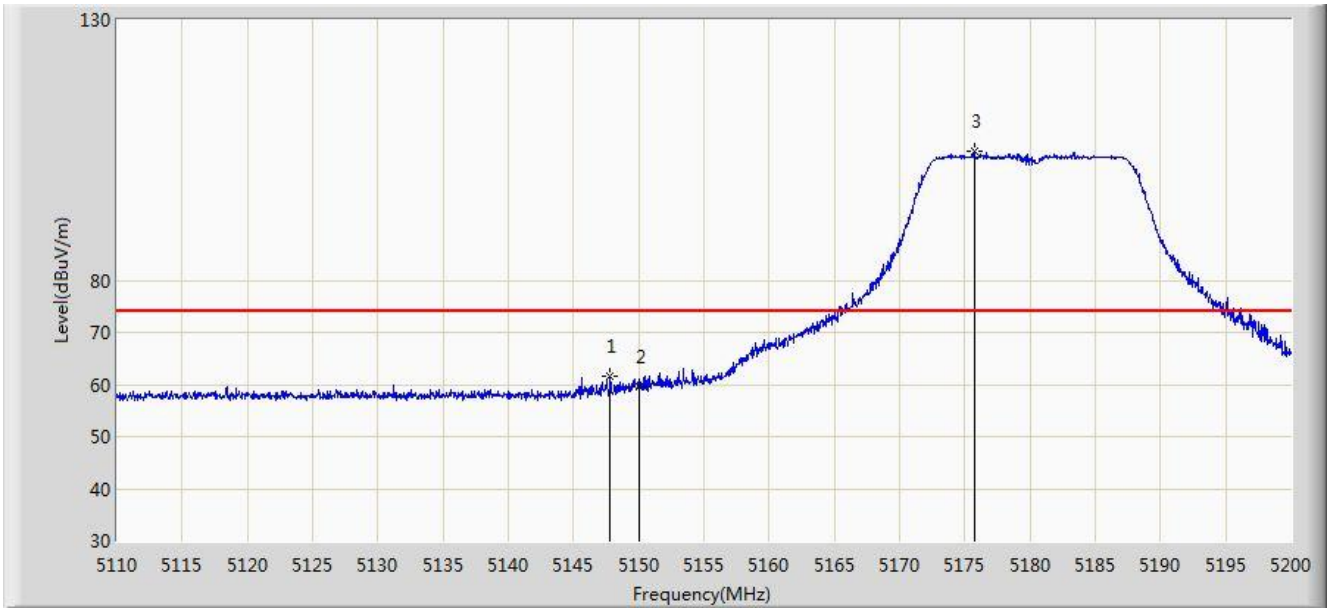


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5647.200	66.056	61.394	-7.944	74.000	4.662	PK
2			5650.000	63.662	58.991	-10.338	74.000	4.671	PK
3			5700.000	74.275	69.397	-30.925	105.200	4.878	PK
4			5720.000	83.374	78.377	-27.426	110.800	4.997	PK
5			5725.000	81.437	76.408	-40.763	122.200	5.029	PK
6			5783.600	113.667	108.307	N/A	N/A	5.360	PK
7			5850.000	73.407	67.681	-48.793	122.200	5.726	PK
8			5855.000	73.651	67.905	-37.149	110.800	5.746	PK
9			5875.000	67.144	61.324	-38.056	105.200	5.820	PK
10			5925.000	60.625	54.659	-13.375	74.000	5.967	PK
11			5945.600	62.609	56.592	-11.391	74.000	6.018	PK

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

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

Site: AC1	Time: 2017/02/19 - 13:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

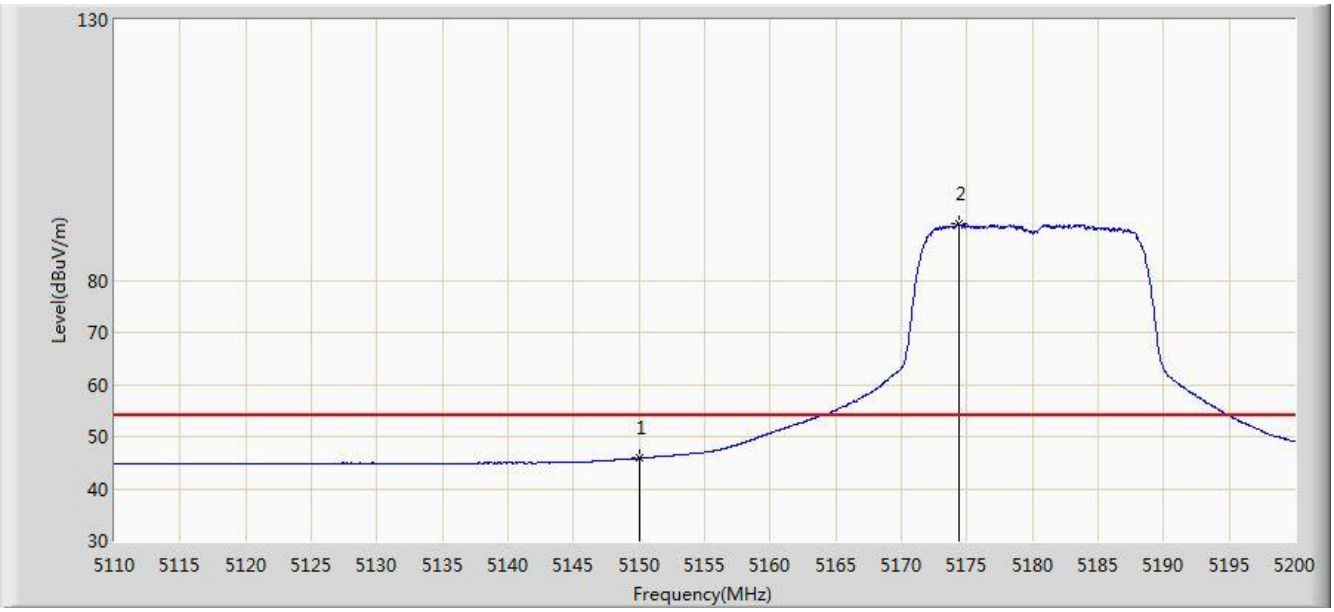


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.800	61.718	57.542	-12.282	74.000	4.176	PK
2			5150.000	59.452	55.283	-14.548	74.000	4.170	PK
3			5175.700	104.762	100.678	N/A	N/A	4.084	PK

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

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

Site: AC1	Time: 2017/02/19 - 13:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

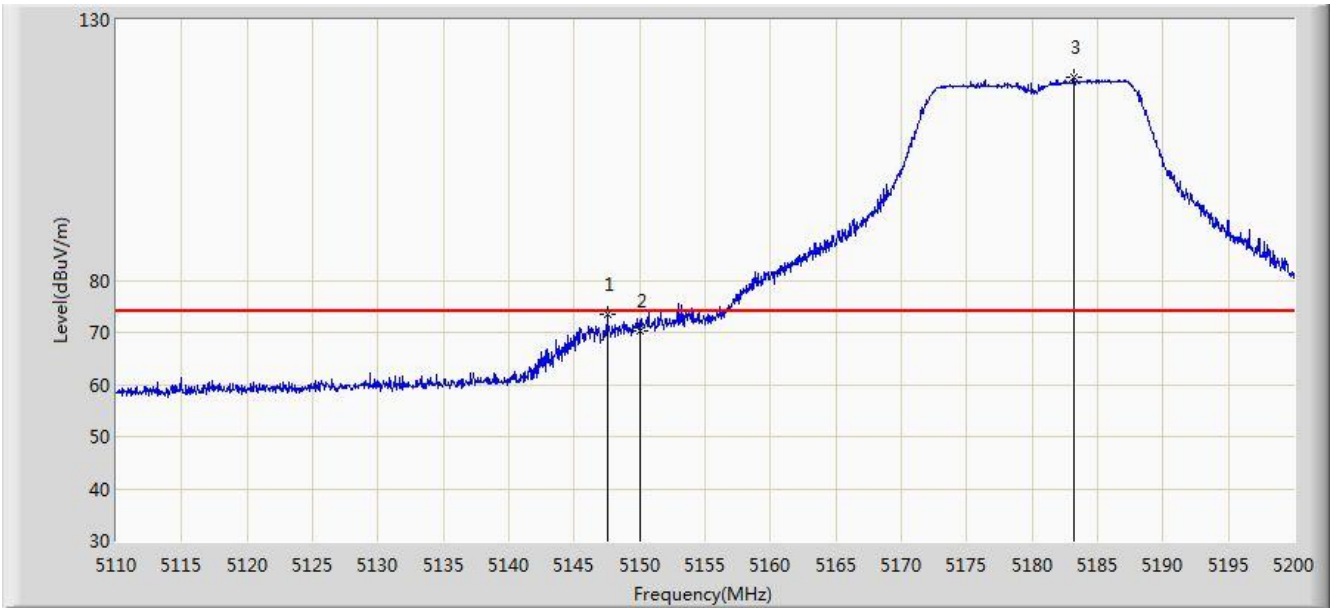


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.860	41.691	-8.140	54.000	4.170	AV
2			5174.350	90.843	86.754	N/A	N/A	4.088	AV

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

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

Site: AC1	Time: 2017/02/19 - 13:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

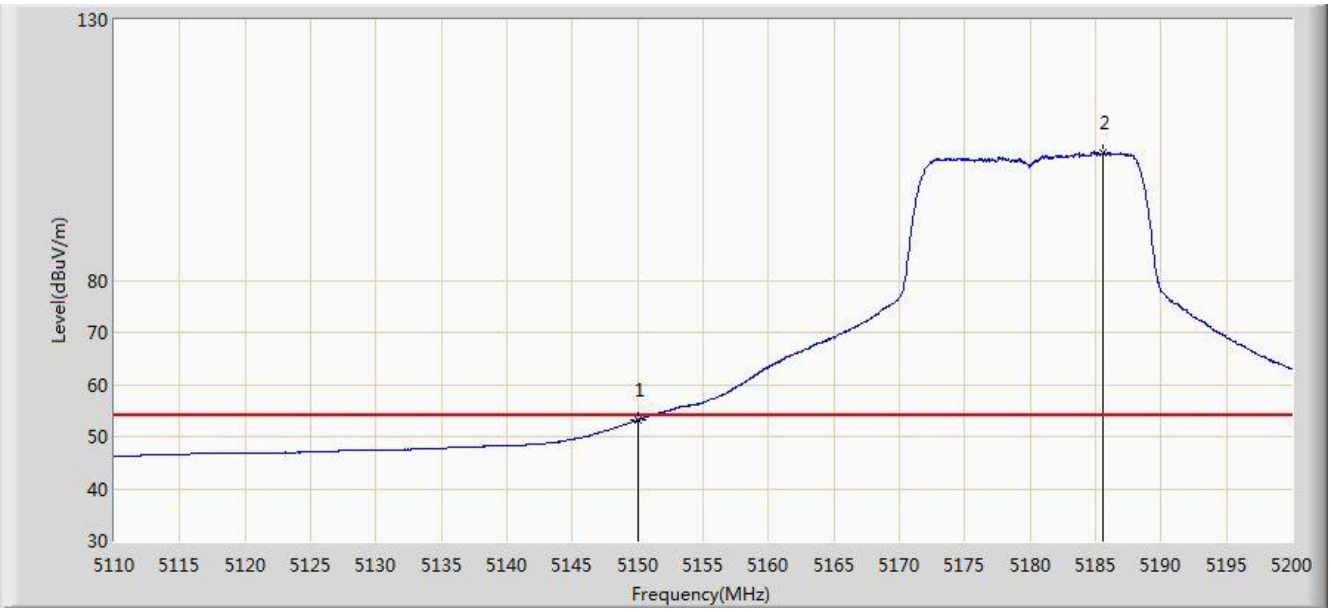


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.530	73.470	69.294	-0.530	74.000	4.176	PK
2			5150.000	70.374	66.205	-3.626	74.000	4.170	PK
3			5183.215	118.919	114.862	N/A	N/A	4.057	PK

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

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

Site: AC1	Time: 2017/02/19 - 13:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

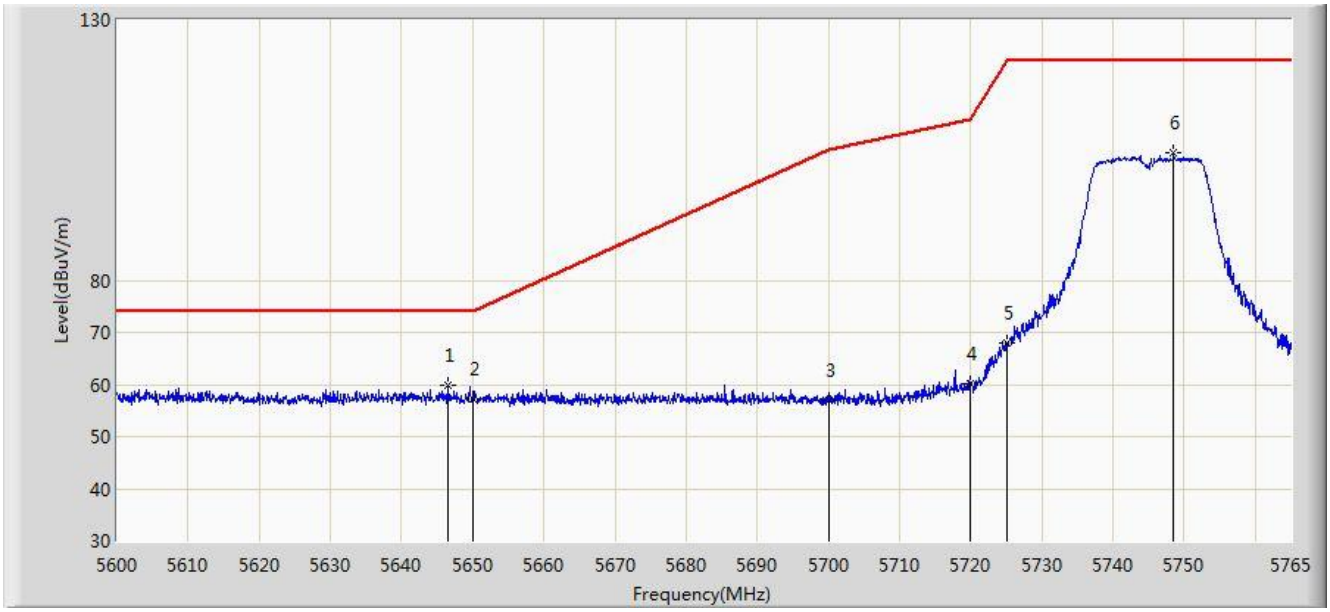


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.149	48.980	-0.851	54.000	4.170	AV
2			5185.510	104.412	100.363	N/A	N/A	4.049	AV

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

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

Site: AC1	Time: 2017/02/19 - 14:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

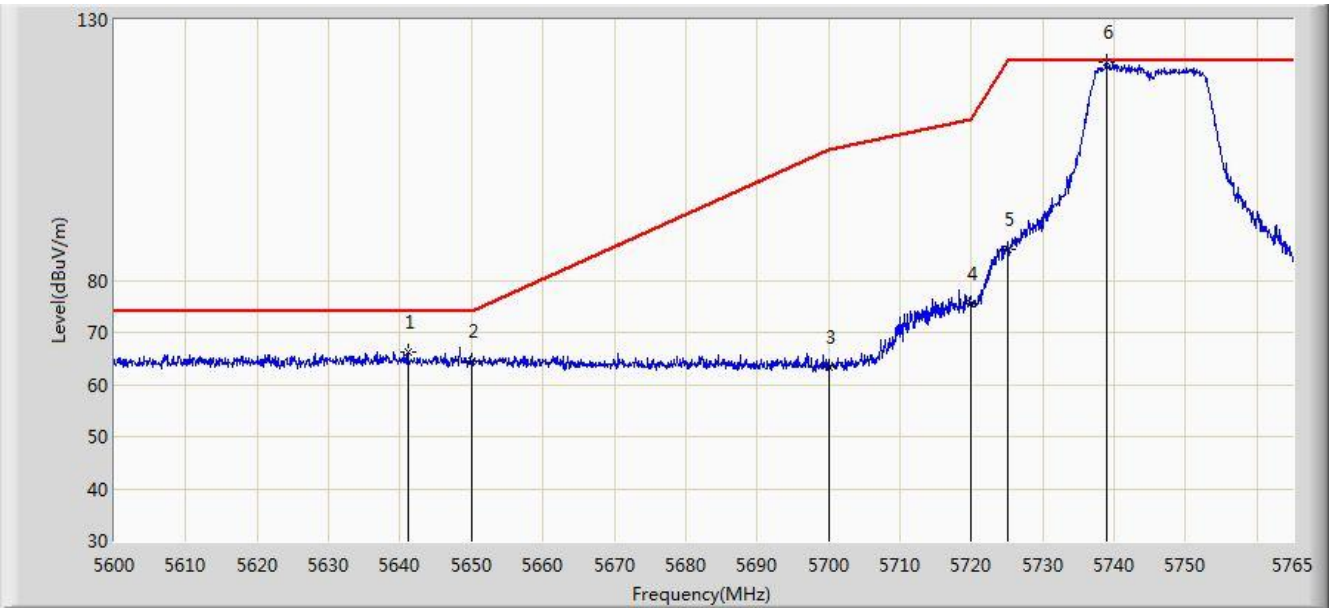


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5646.612	59.942	55.282	-14.058	74.000	4.660	PK
2			5650.000	57.311	52.640	-16.689	74.000	4.671	PK
3			5700.000	56.846	51.968	-48.354	105.200	4.878	PK
4			5720.000	60.267	55.270	-50.533	110.800	4.997	PK
5			5725.000	67.843	62.814	-54.357	122.200	5.029	PK
6			5748.500	104.606	99.431	N/A	N/A	5.175	PK

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

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

Site: AC1	Time: 2017/02/19 - 14:24
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

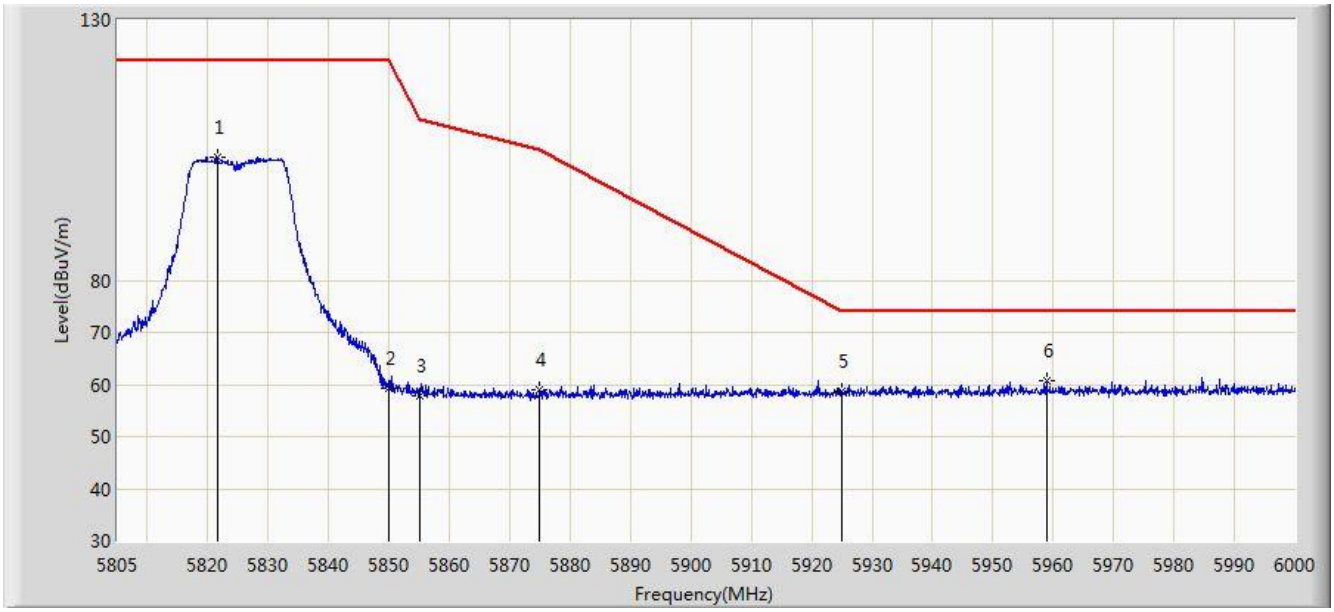


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5641.085	66.273	61.632	-7.727	74.000	4.641	PK
2			5650.000	64.526	59.855	-9.474	74.000	4.671	PK
3			5700.000	63.378	58.500	-41.822	105.200	4.878	PK
4			5720.000	75.468	70.471	-35.332	110.800	4.997	PK
5			5725.000	85.965	80.936	-36.235	122.200	5.029	PK
6			5738.848	121.769	116.652	N/A	N/A	5.117	PK

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

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

Site: AC1	Time: 2017/02/19 - 14:29
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

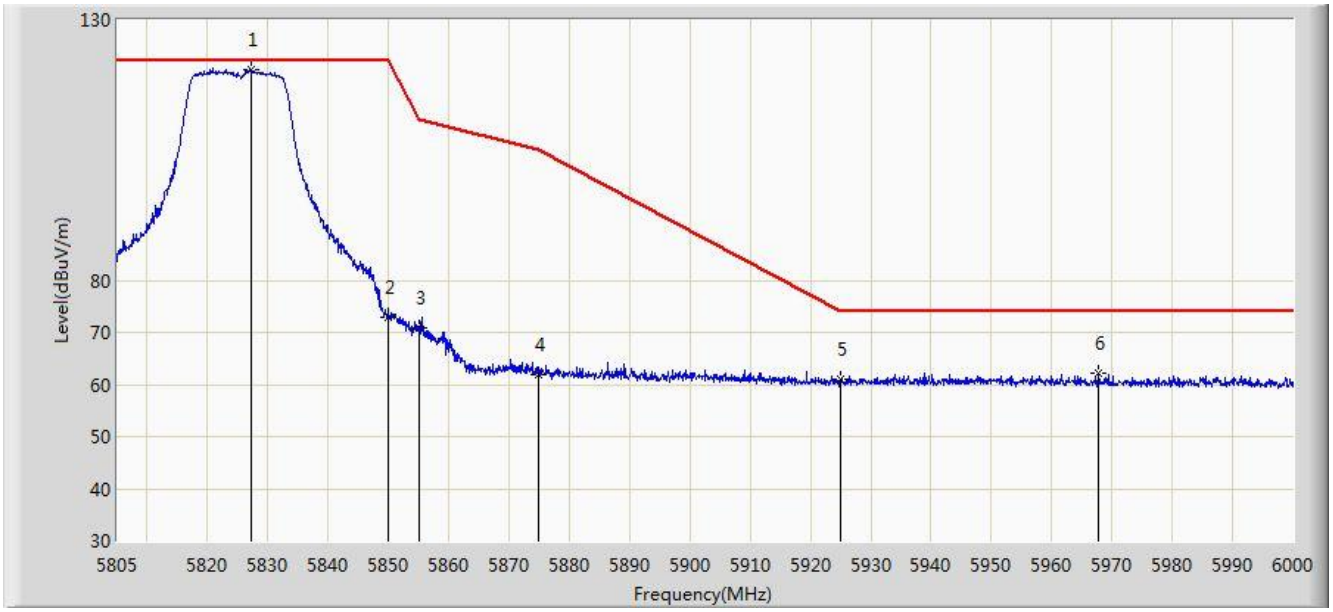


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5821.672	103.566	97.998	N/A	N/A	5.568	PK
2			5850.000	59.406	53.680	-62.794	122.200	5.726	PK
3			5855.000	57.687	51.941	-53.113	110.800	5.746	PK
4			5875.000	59.004	53.184	-46.196	105.200	5.820	PK
5			5925.000	58.611	52.645	-15.389	74.000	5.967	PK
6			5958.855	60.690	54.648	-13.310	74.000	6.043	PK

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

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

Site: AC1	Time: 2017/02/19 - 14:31
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

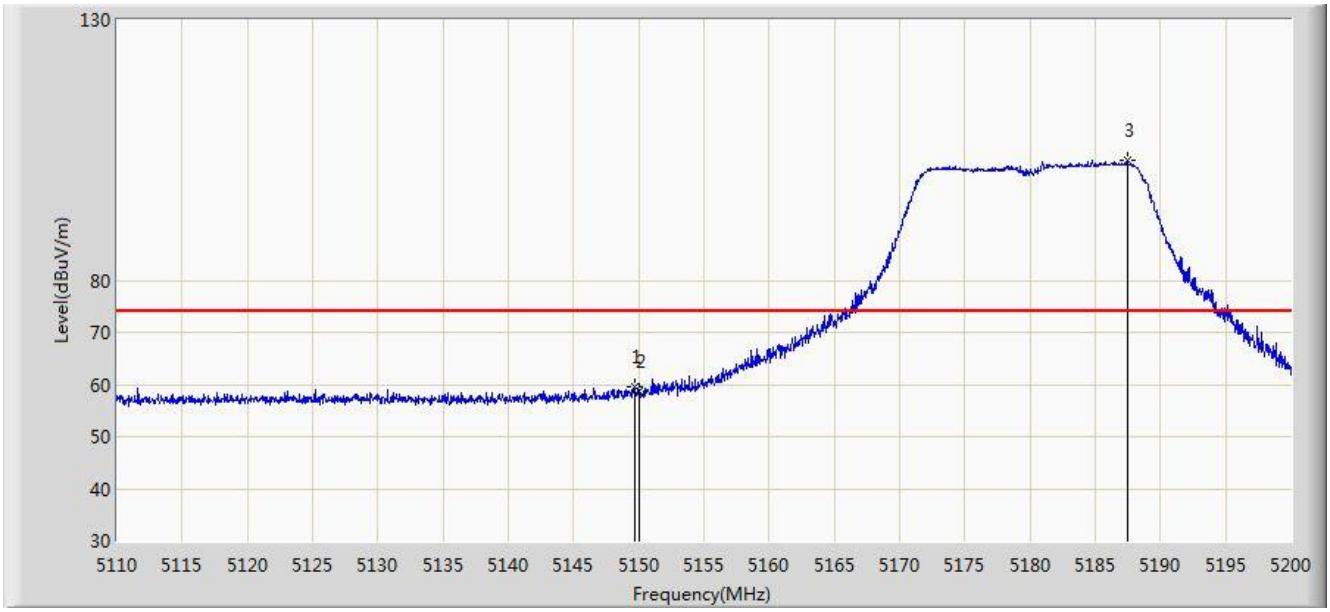


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5827.132	120.578	114.978	N/A	N/A	5.600	PK
2			5850.000	72.889	67.163	-49.311	122.200	5.726	PK
3			5855.000	70.998	65.252	-39.802	110.800	5.746	PK
4			5875.000	61.830	56.010	-43.370	105.200	5.820	PK
5			5925.000	60.884	54.918	-13.116	74.000	5.967	PK
6			5967.825	62.048	55.991	-11.952	74.000	6.057	PK

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

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

Site: AC1	Time: 2017/02/19 - 14:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

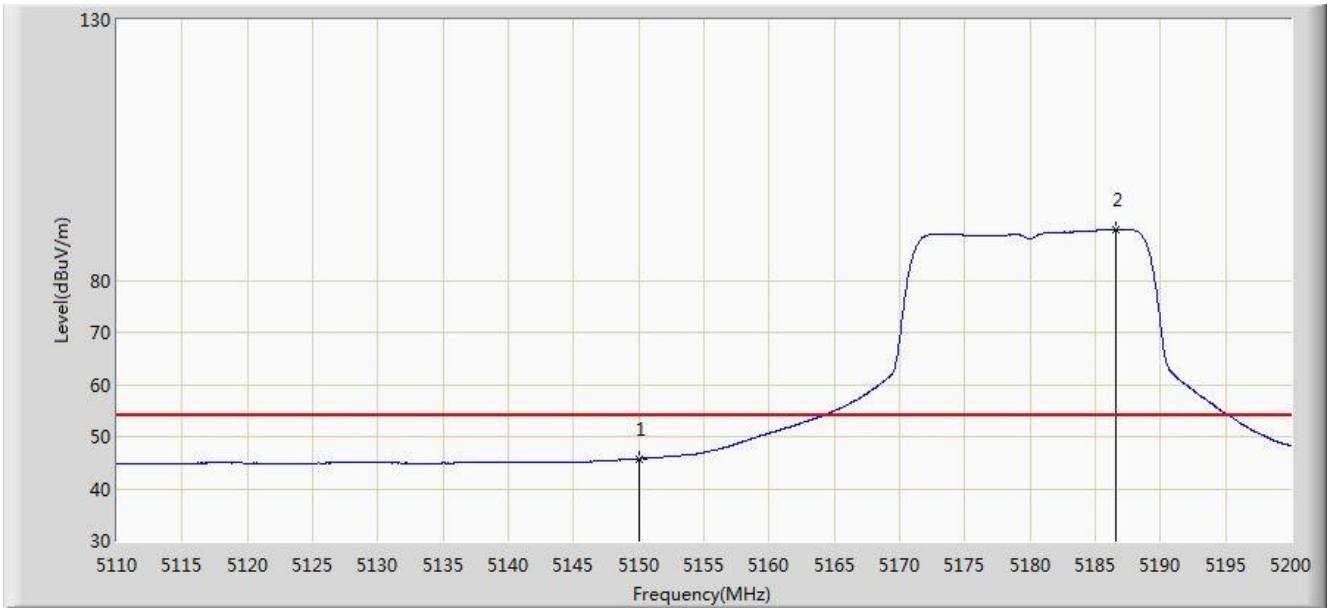


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.690	59.543	55.373	-14.457	74.000	4.170	PK
2			5150.000	58.766	54.597	-15.234	74.000	4.170	PK
3			5187.445	103.139	99.097	N/A	N/A	4.042	PK

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

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

Site: AC1	Time: 2017/02/19 - 14:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

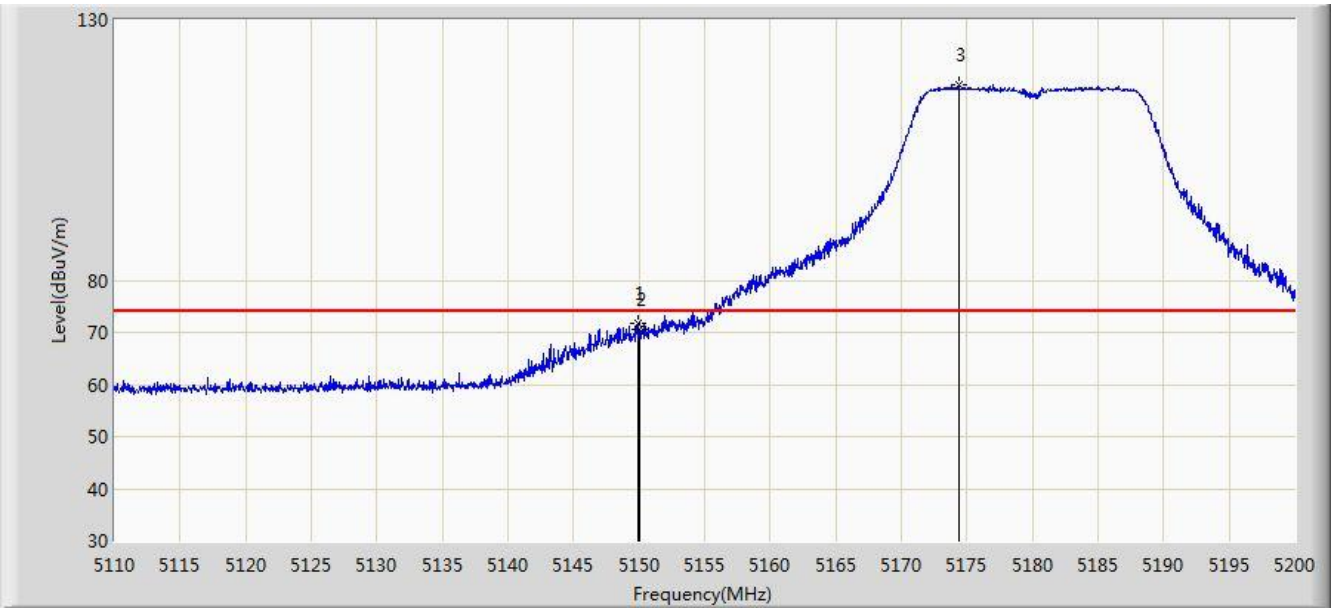


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.770	41.601	-8.230	54.000	4.170	AV
2			5186.635	89.807	85.762	N/A	N/A	4.045	AV

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

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

Site: AC1	Time: 2017/02/19 - 14:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

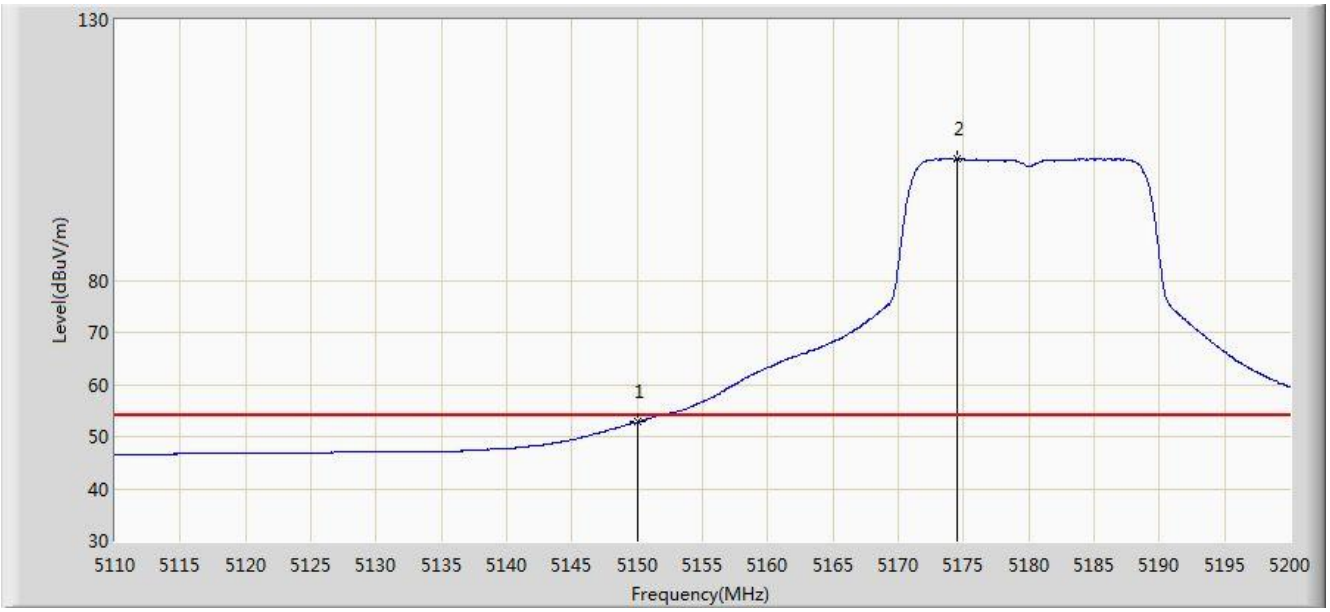


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.870	71.738	67.568	-2.262	74.000	4.170	PK
2			5150.000	70.557	66.388	-3.443	74.000	4.170	PK
3			5174.395	117.521	113.432	N/A	N/A	4.088	PK

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

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

Site: AC1	Time: 2017/02/19 - 14:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

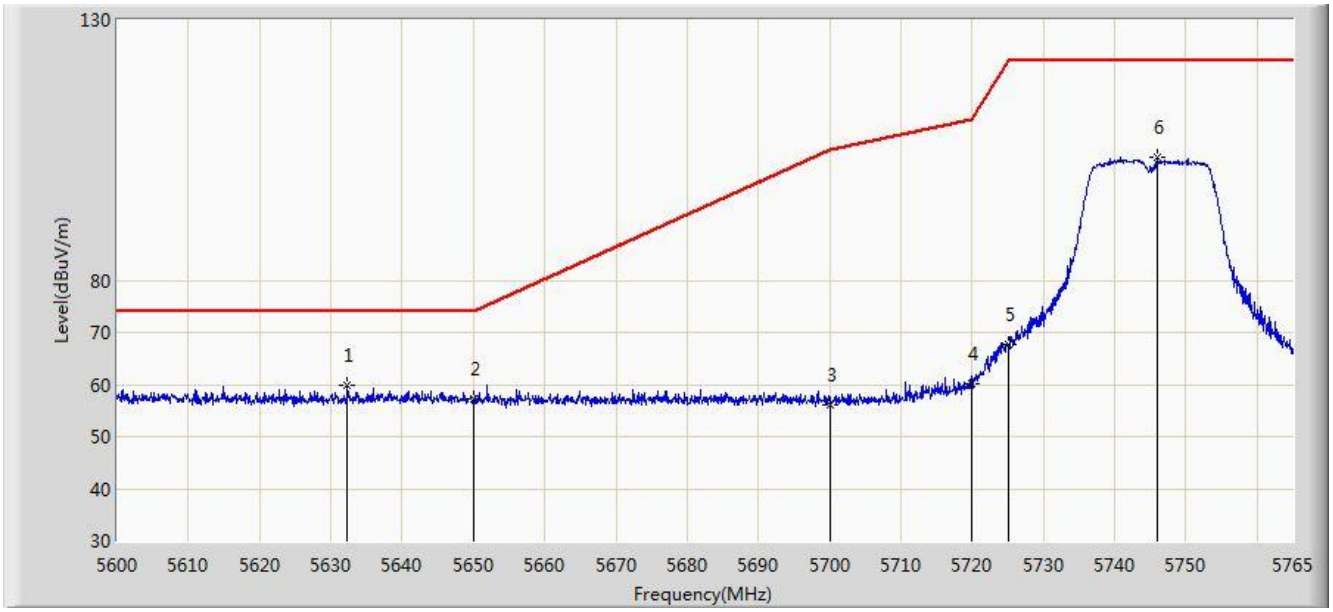


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.778	48.609	-1.222	54.000	4.170	AV
2			5174.485	103.329	99.241	N/A	N/A	4.089	AV

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

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

Site: AC1	Time: 2017/02/19 - 15:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

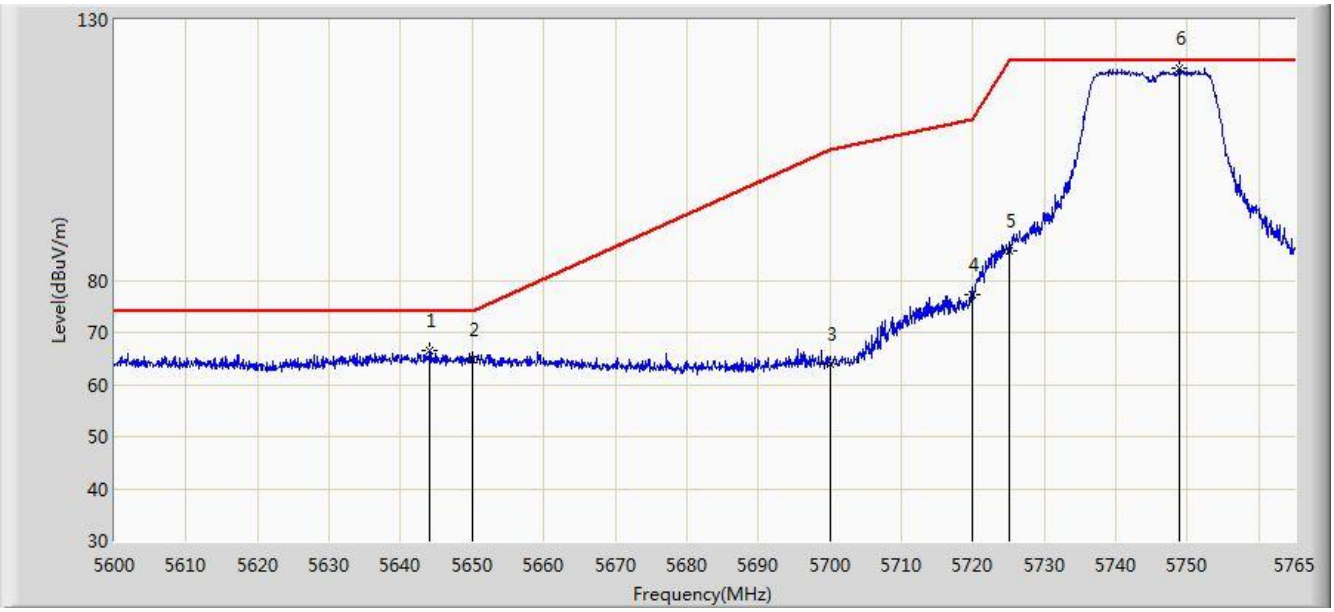


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5632.340	59.749	55.133	-14.251	74.000	4.616	PK
2			5650.000	57.200	52.529	-16.800	74.000	4.671	PK
3			5700.000	56.098	51.220	-49.102	105.200	4.878	PK
4			5720.000	60.052	55.055	-50.748	110.800	4.997	PK
5			5725.000	67.762	62.733	-54.438	122.200	5.029	PK
6			5745.942	103.515	98.355	N/A	N/A	5.161	PK

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

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

Site: AC1	Time: 2017/02/19 - 15:10
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

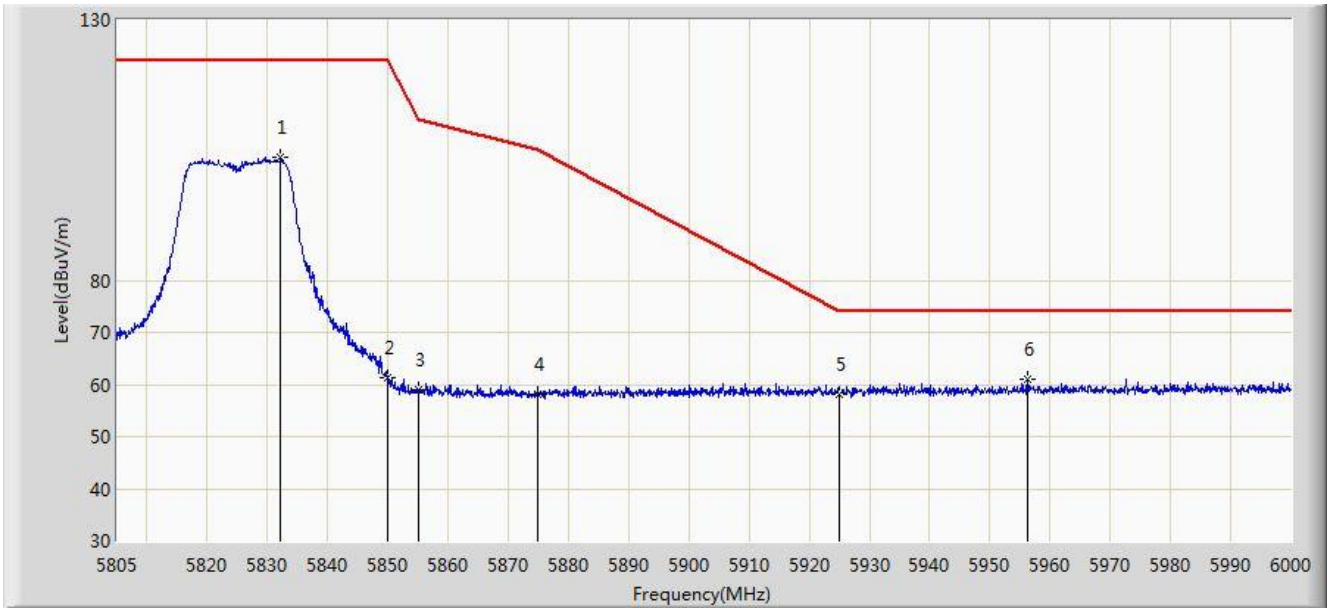


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5644.138	66.558	61.907	-7.442	74.000	4.651	PK
2			5650.000	64.754	60.083	-9.246	74.000	4.671	PK
3			5700.000	63.780	58.902	-41.420	105.200	4.878	PK
4			5720.000	77.345	72.348	-33.455	110.800	4.997	PK
5			5725.000	85.777	80.748	-36.423	122.200	5.029	PK
6			5748.830	120.645	115.468	N/A	N/A	5.177	PK

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

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

Site: AC1	Time: 2017/02/19 - 15:16
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

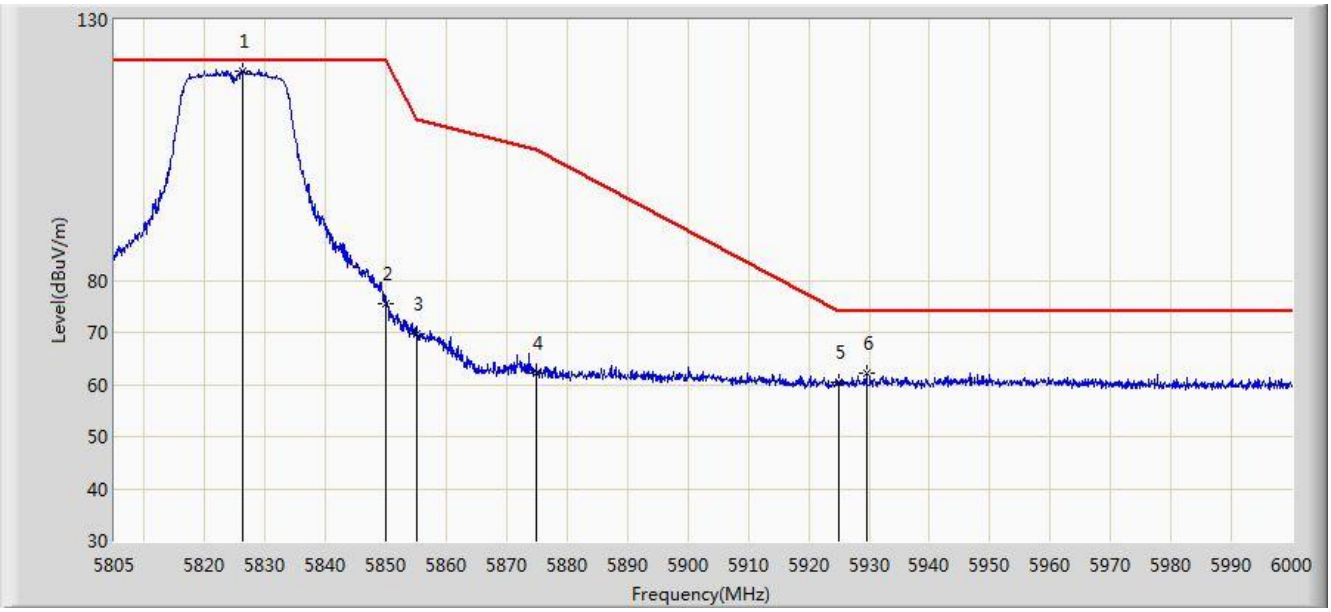


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5832.203	103.536	97.906	N/A	N/A	5.630	PK
2			5850.000	61.323	55.597	-60.877	122.200	5.726	PK
3			5855.000	59.019	53.273	-51.781	110.800	5.746	PK
4			5875.000	58.179	52.359	-47.021	105.200	5.820	PK
5			5925.000	58.121	52.155	-15.879	74.000	5.967	PK
6			5956.223	61.118	55.081	-12.882	74.000	6.037	PK

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

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

Site: AC1	Time: 2017/02/19 - 15:12
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

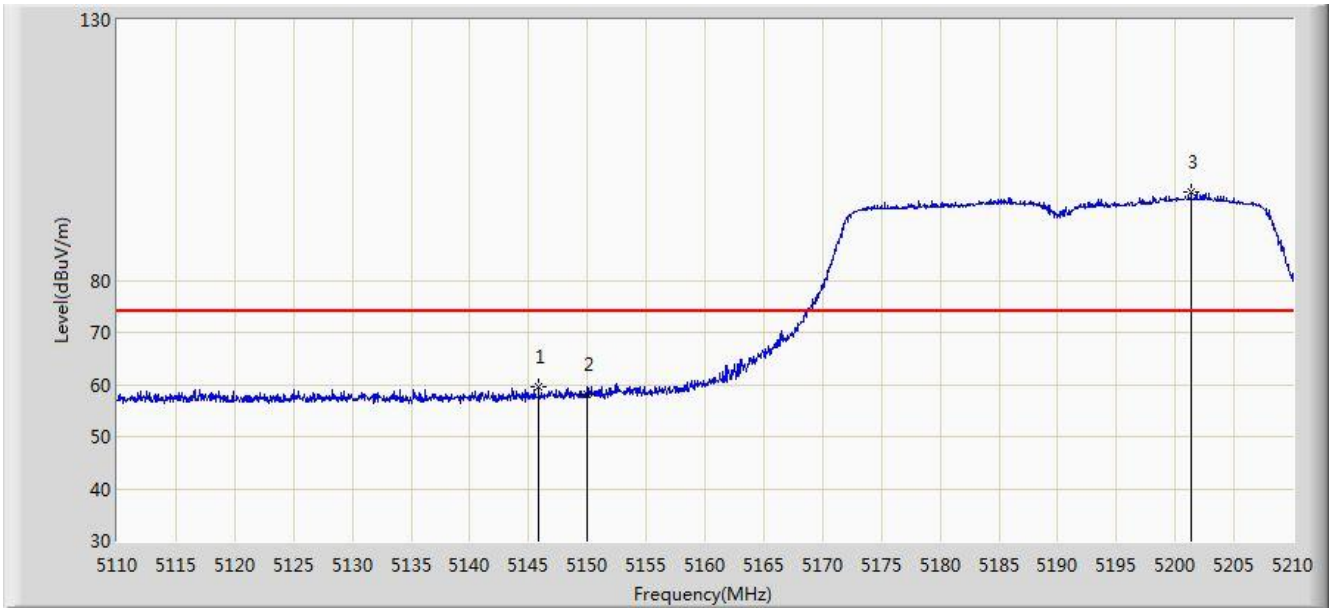


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.158	120.286	114.691	N/A	N/A	5.595	PK
2			5850.000	75.552	69.826	-46.648	122.200	5.726	PK
3			5855.000	69.618	63.872	-41.182	110.800	5.746	PK
4			5875.000	62.238	56.418	-42.962	105.200	5.820	PK
5			5925.000	60.500	54.534	-13.500	74.000	5.967	PK
6			5929.605	62.227	56.249	-11.773	74.000	5.978	PK

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

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

Site: AC1	Time: 2017/02/19 - 15:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

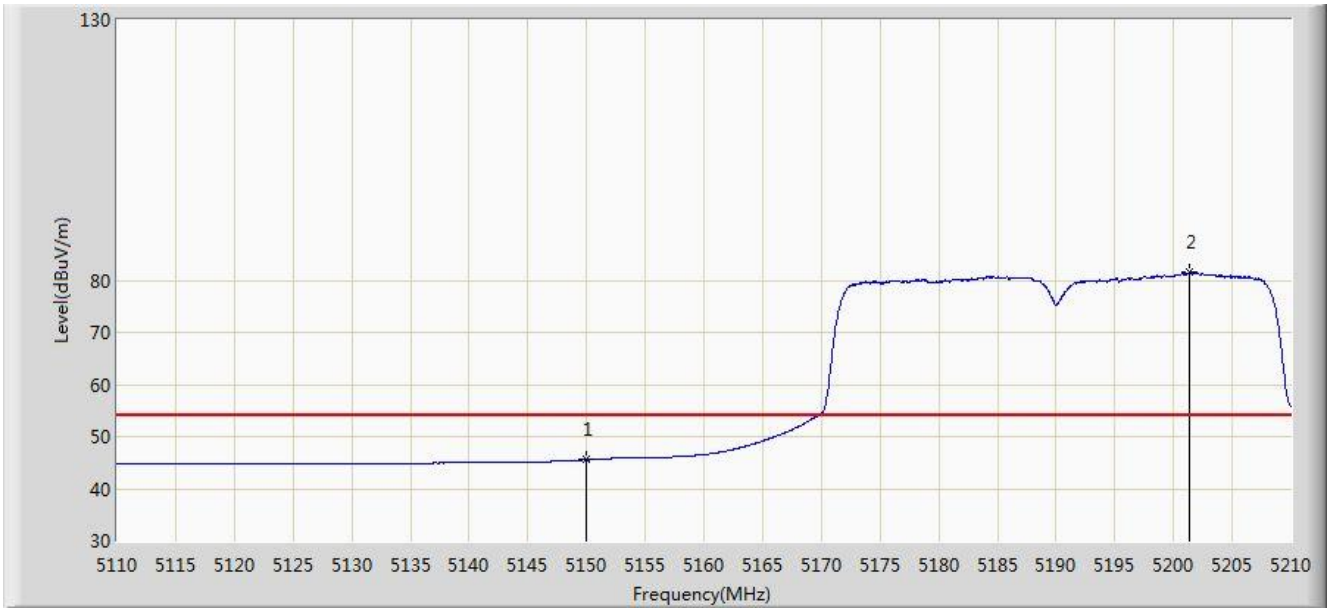


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.850	59.432	55.256	-14.568	74.000	4.176	PK
2			5150.000	58.085	53.916	-15.915	74.000	4.170	PK
3			5201.350	96.967	92.973	N/A	N/A	3.994	PK

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

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

Site: AC1	Time: 2017/02/19 - 15:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

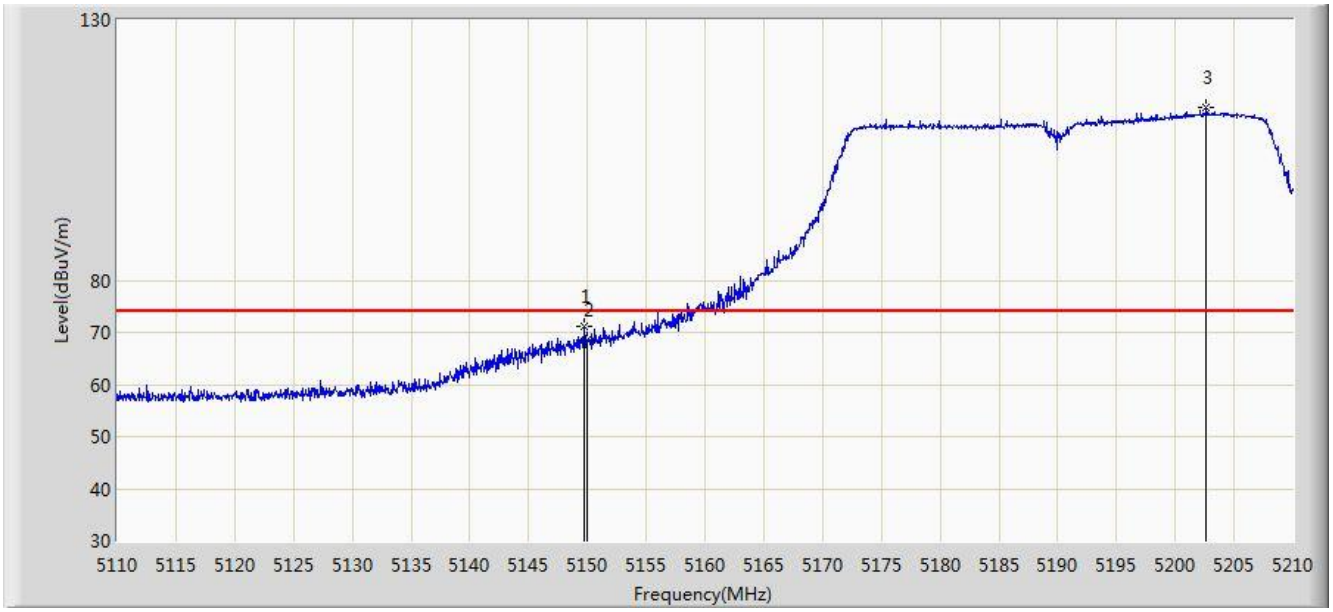


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.536	41.367	-8.464	54.000	4.170	AV
2			5201.400	81.464	77.470	N/A	N/A	3.994	AV

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

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

Site: AC1	Time: 2017/02/19 - 15:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

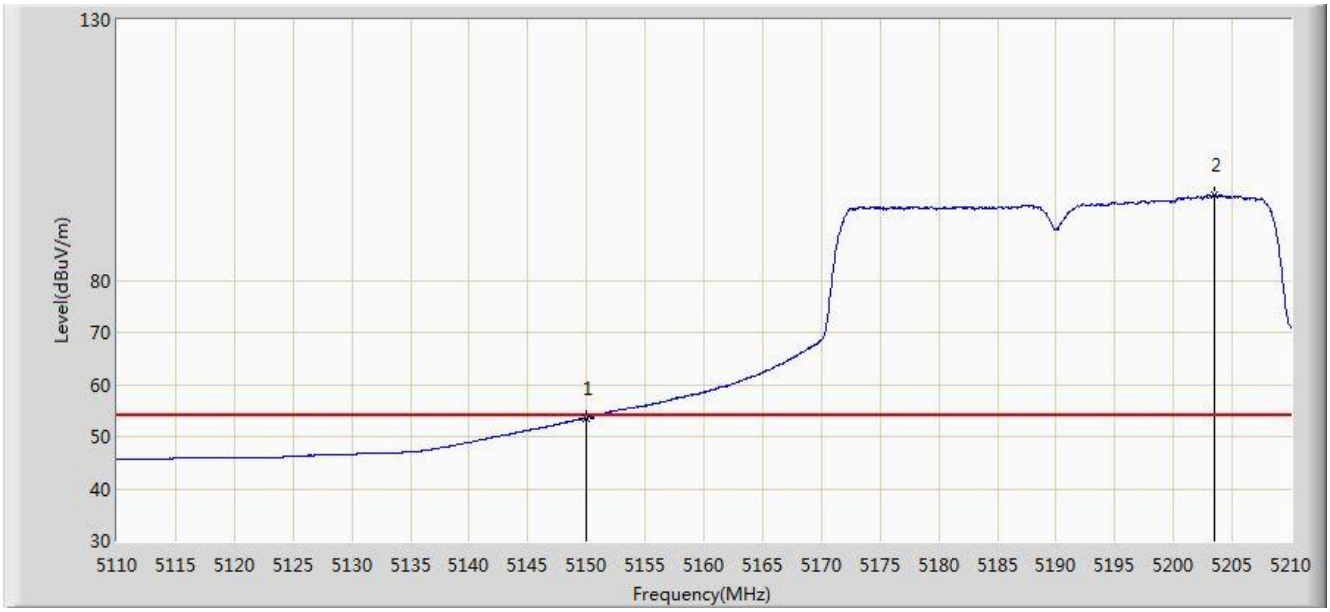


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.700	71.192	67.022	-2.808	74.000	4.170	PK
2			5150.000	68.569	64.400	-5.431	74.000	4.170	PK
3			5202.650	113.247	109.257	N/A	N/A	3.991	PK

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

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

Site: AC1	Time: 2017/02/19 - 15:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

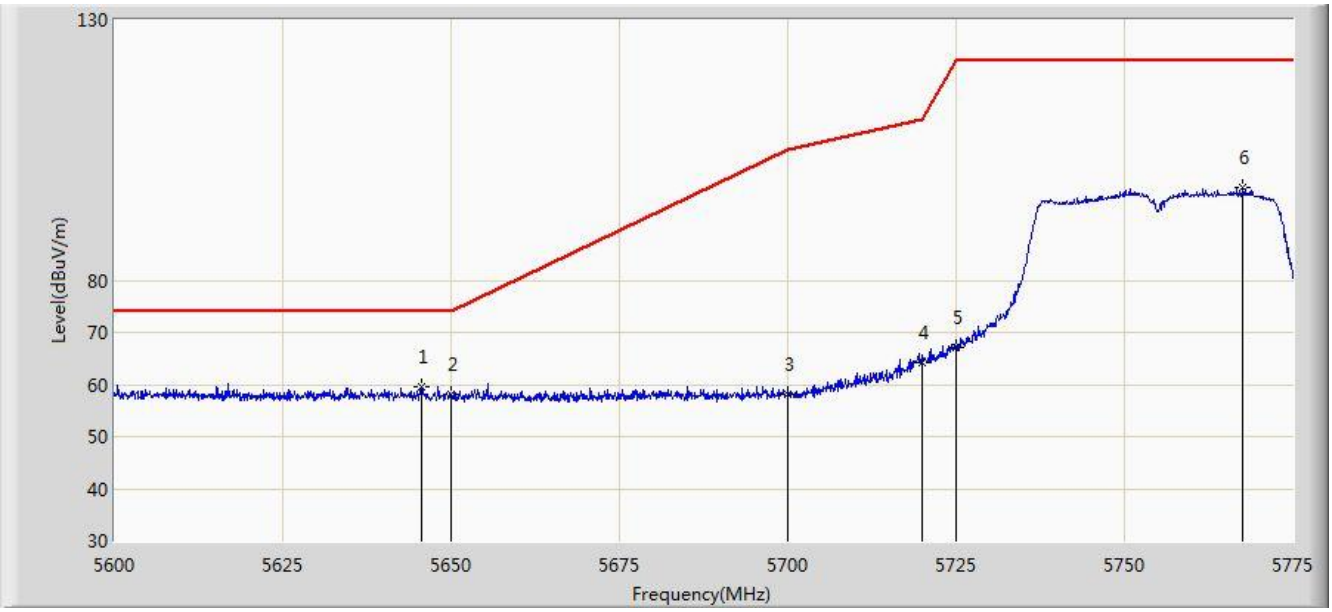


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.522	49.353	-0.478	54.000	4.170	AV
2			5203.500	96.316	92.328	N/A	N/A	3.987	AV

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

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

Site: AC1	Time: 2017/02/19 - 16:03
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 2	

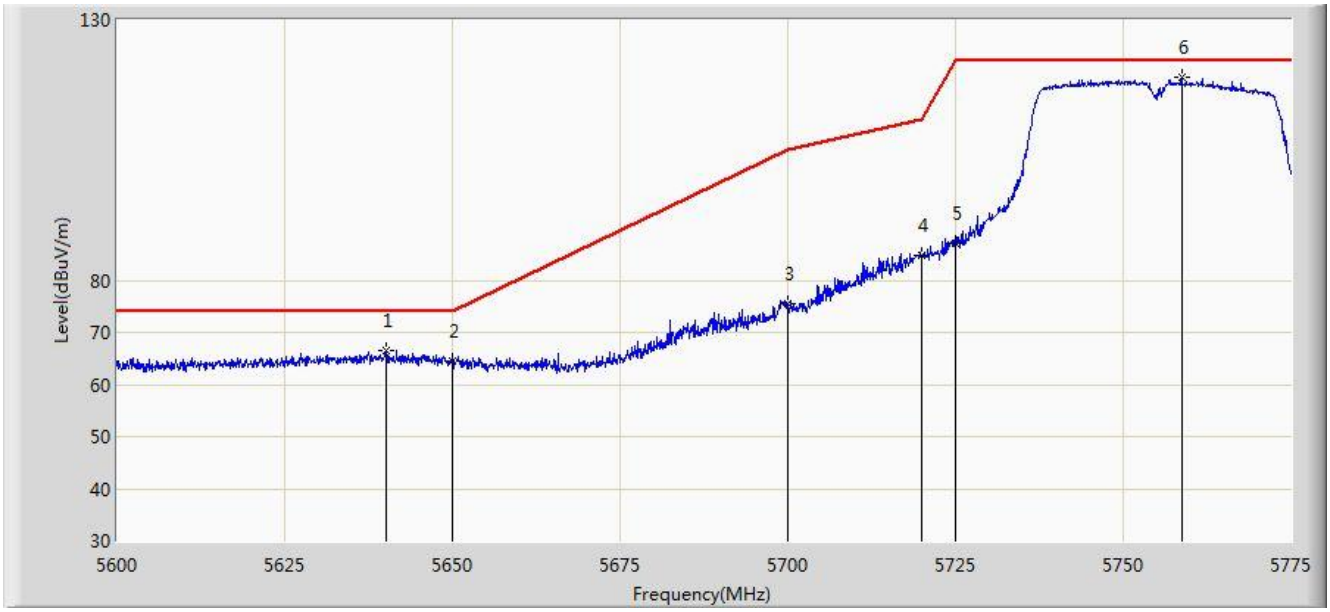


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5645.587	59.439	54.783	-14.561	74.000	4.657	PK
2			5650.000	57.979	53.308	-16.021	74.000	4.671	PK
3			5700.000	58.096	53.218	-47.104	105.200	4.878	PK
4			5720.000	64.306	59.309	-46.494	110.800	4.997	PK
5			5725.000	66.984	61.955	-55.216	122.200	5.029	PK
6			5767.650	97.768	92.489	N/A	N/A	5.279	PK

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

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

Site: AC1	Time: 2017/02/19 - 16:02
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 2	

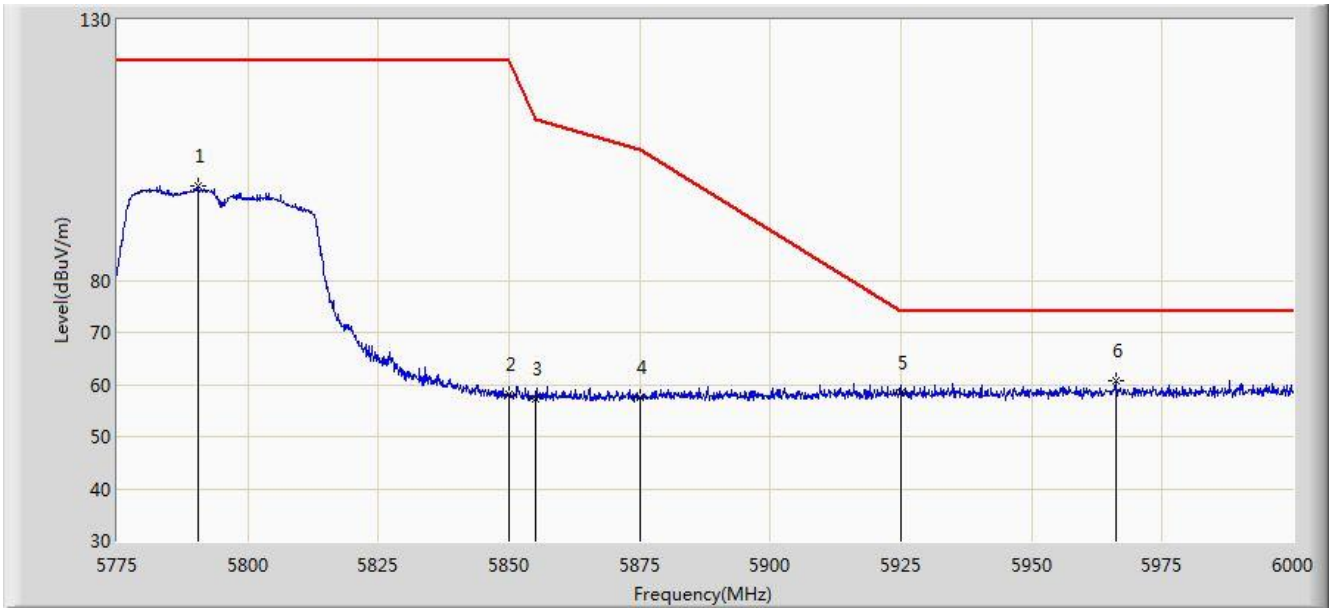


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5640.163	66.492	61.854	-7.508	74.000	4.638	PK
2			5650.000	64.596	59.925	-9.404	74.000	4.671	PK
3			5700.000	75.380	70.502	-29.820	105.200	4.878	PK
4			5720.000	84.778	79.781	-26.022	110.800	4.997	PK
5			5725.000	87.216	82.187	-34.984	122.200	5.029	PK
6			5758.725	119.064	113.831	N/A	N/A	5.233	PK

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

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

Site: AC1	Time: 2017/02/19 - 16:09
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: US Wi-Fi AP 2x2 OD ext. antenna	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5790.525	98.090	92.696	N/A	N/A	5.394	PK
2			5850.000	58.219	52.493	-63.981	122.200	5.726	PK
3			5855.000	57.366	51.620	-53.434	110.800	5.746	PK
4			5875.000	57.426	51.606	-47.774	105.200	5.820	PK
5			5925.000	58.262	52.296	-15.738	74.000	5.967	PK
6			5966.025	60.865	54.811	-13.135	74.000	6.054	PK

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

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