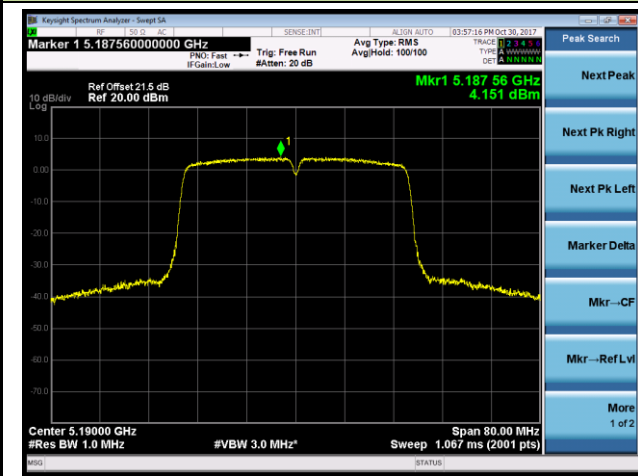
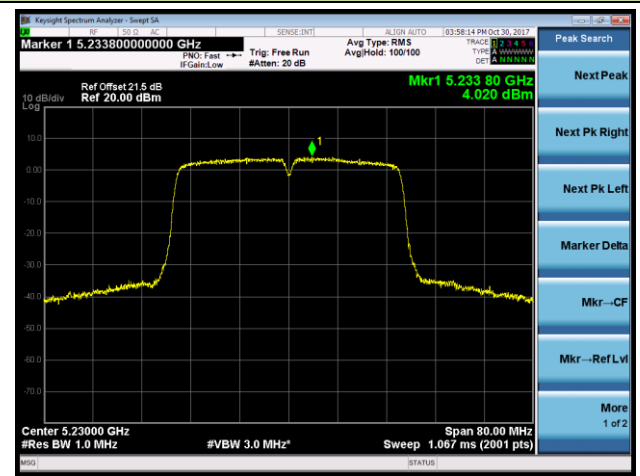


802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1 (Beam-Forming Mode)

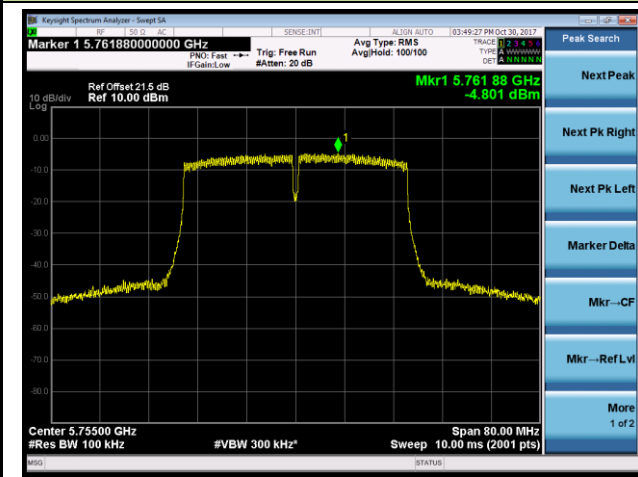
Channel 38 (5190MHz)



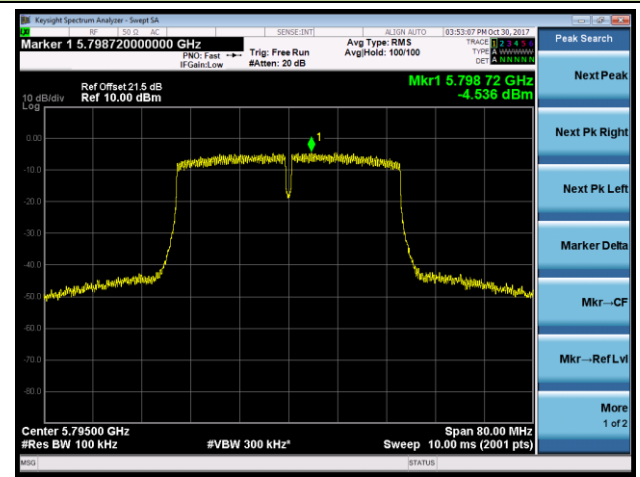
Channel 46 (5230MHz)



Channel 151 (5755MHz)



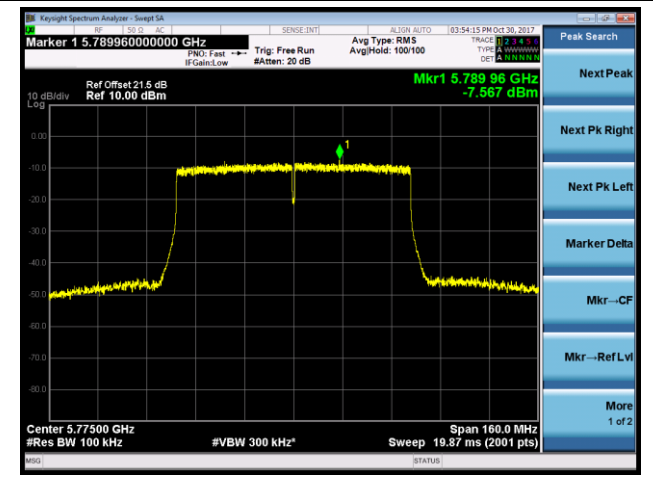
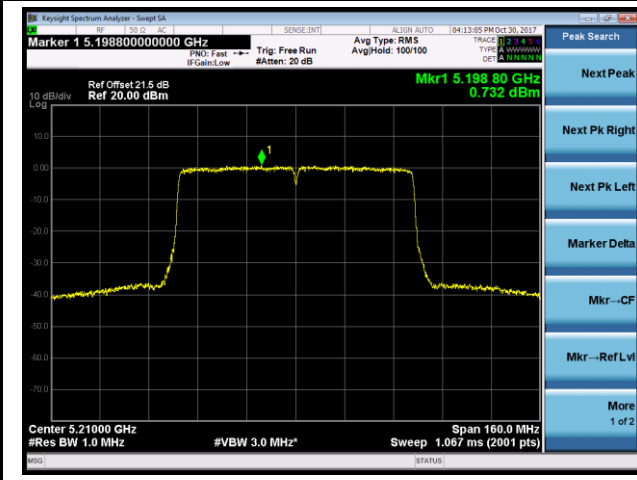
Channel 159 (5795MHz)



802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1 (Beam-Forming Mode)

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.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5GHz band (IEEE 802.11 specification).

7.7.2. Test Procedure Used

Frequency Stability Under Temperature Variations:

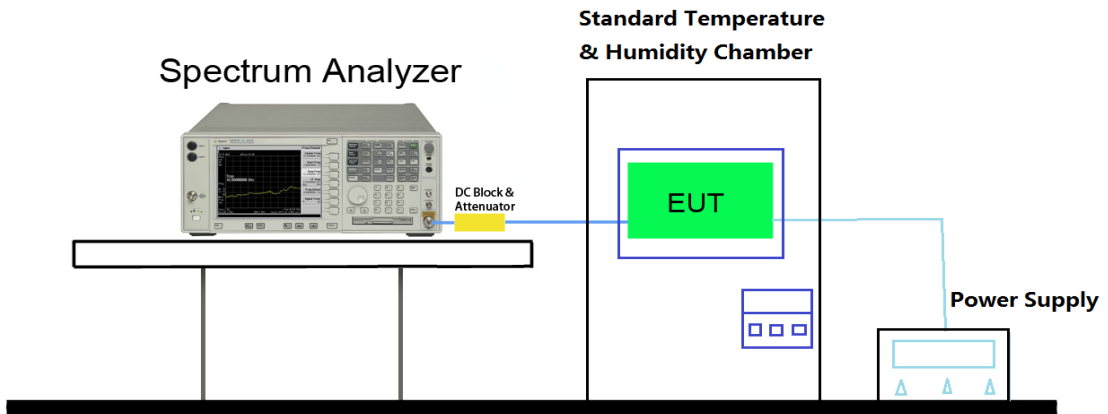
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.7.3. Test Setup



7.7.4. Test Result

Test Engineer	Kevin Ker	Temperature	-30 ~ 50°C
Test Time	2017/10/18	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	SR2

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)
100%	120	- 30	-5.79
		- 20	-5.84
		- 10	-5.86
		0	-6.10
		+ 10	-6.57
		+ 20 (Ref)	-6.93
		+ 30	-7.33
		+ 40	-8.12
		+ 50	-9.03
115%	138	+ 20	-7.20
85%	102	+ 20	-7.43

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

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 47CFR must not exceed the limits shown in Table per Section 15.209.

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

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.8.3. Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz

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 = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

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

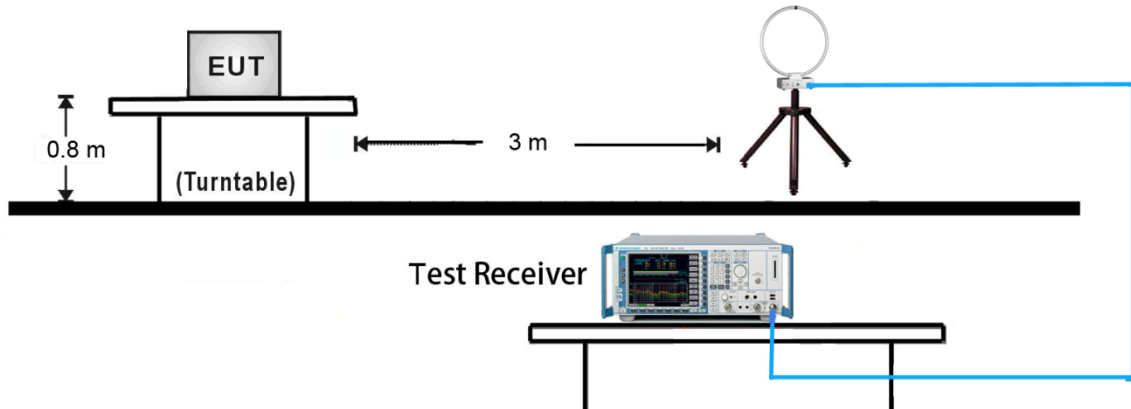
Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

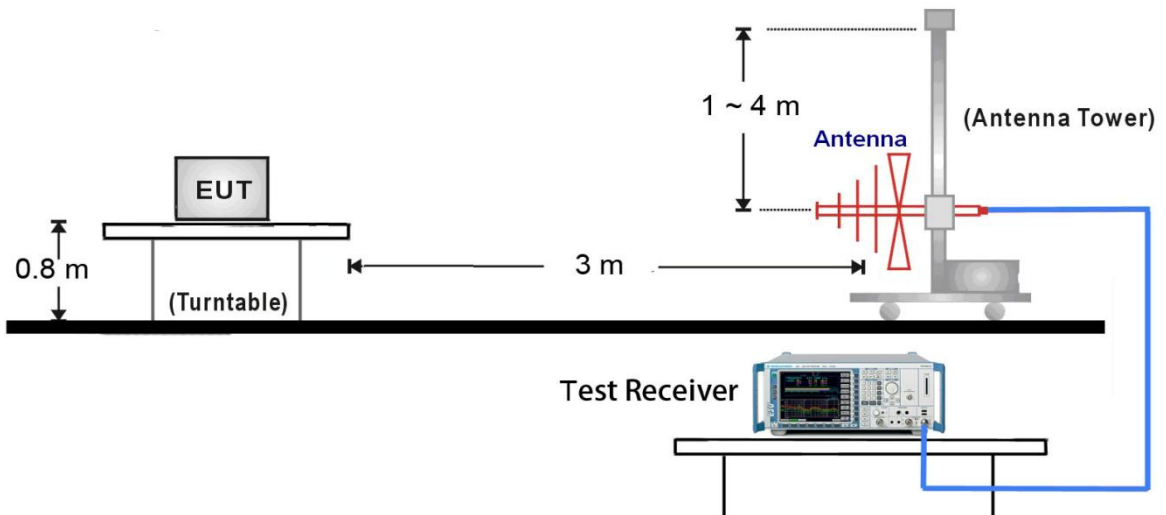
7.8.4. Test Setup

This item was performed with the WIFI antenna connected.

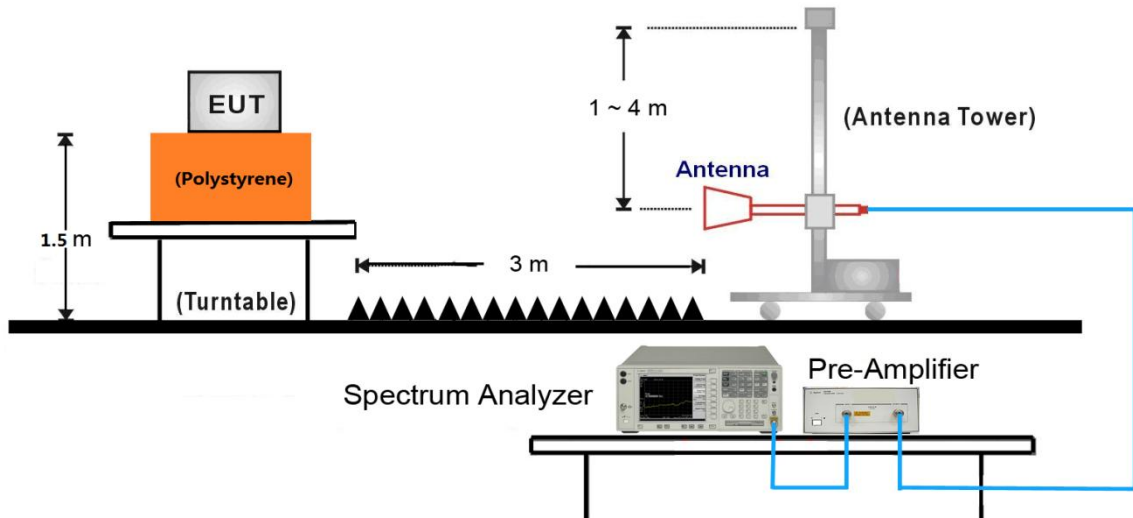
9kHz ~ 30MHz Test Setup:



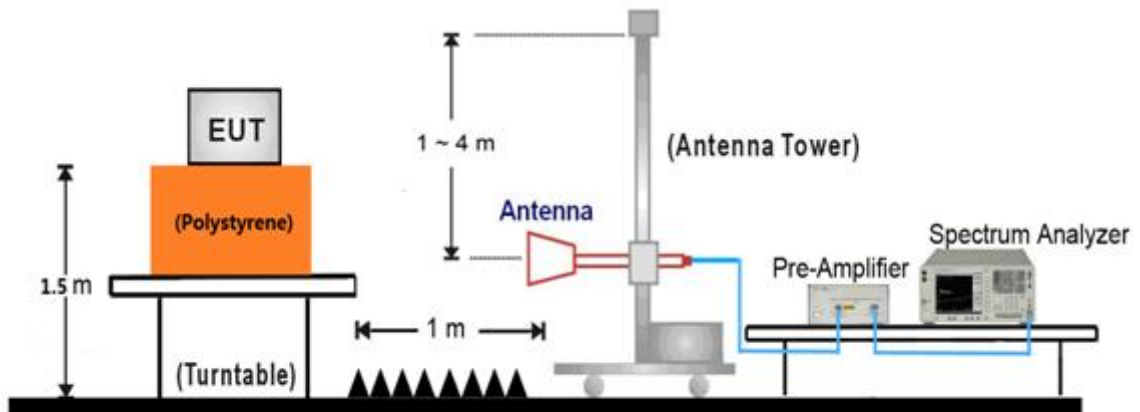
30MHz ~ 1GHz Test Setup:

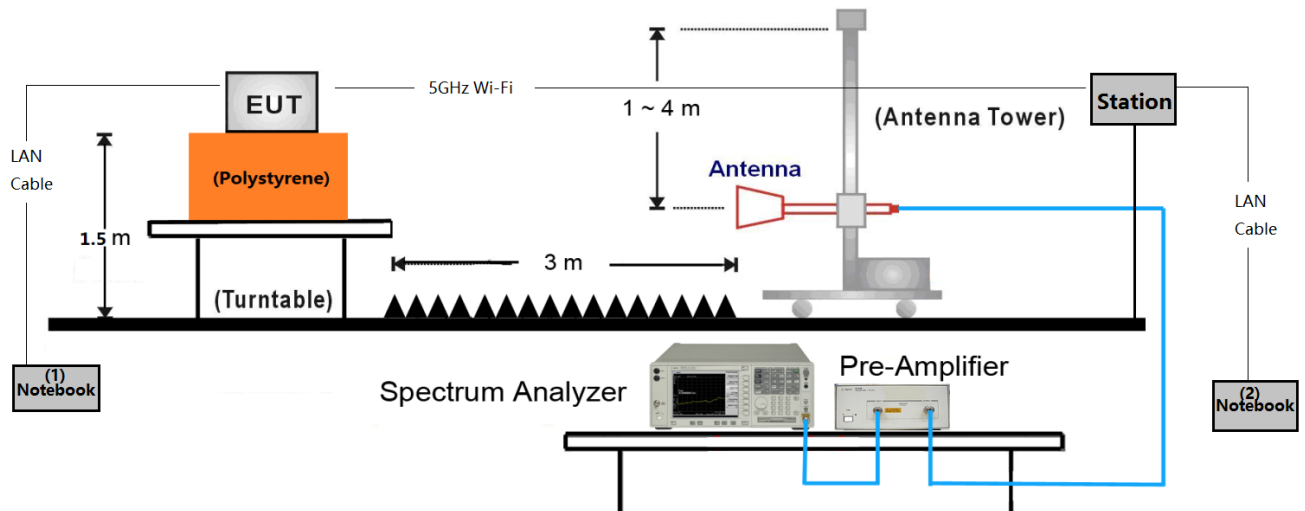


1GHz ~ 18GHz Test Setup:



18GHz ~ 40GHz Test Setup:



Additional Beam-Forming Mode Test Setup (Apply to all BF radiated emission test frequency range)


Make the EUT connect with the station by 5GHz wireless.

Input some commands in the notebook (1) to open the EUT Beam Forming function, and setup the related test channel & data rate & power setting.

Make the notebook (1) ping with notebook (2) using the “iperf” software that can produce one bigger duty cycle waveform.

Beam-Forming Mode		
Test Mode	Duty Cycle (%)	T = Transmission Duration (ms)
802.11n-HT20	91.30	1.752
802.11n-HT40	90.78	1.683
802.11ac-VHT20	91.09	1.748
802.11ac-VHT40	90.78	1.683
802.11ac-VHT80	93.33	1.862

7.8.5. Test Result

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	30.7	13.6	44.3	68.2	-23.9	Peak	Horizontal
*	9772.0	33.3	14.9	48.2	68.2	-20.0	Peak	Horizontal
	11574.0	31.7	19.5	51.2	54.0	-2.8	Peak	Horizontal
	15542.2	25.0	20.6	45.6	74.0	-28.4	Peak	Horizontal
	15542.2	25.0	20.6	45.6	54.0	-8.4	Average	Horizontal
*	8675.5	32.4	13.7	46.1	68.2	-22.1	Peak	Vertical
*	9899.5	30.6	15.4	46.0	68.2	-22.2	Peak	Vertical
	11285.0	30.4	18.8	49.2	54.0	-4.8	Peak	Vertical
	15535.0	35.2	20.6	55.8	74.0	-18.2	Peak	Vertical
	15542.3	23.8	20.6	44.4	54.0	-9.6	Average	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	44
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	31.4	13.9	45.3	68.2	-22.9	Peak	Horizontal
*	10256.5	32.1	16.5	48.6	68.2	-19.6	Peak	Horizontal
	11608.0	31.5	19.4	50.9	54.0	-23.1	Peak	Horizontal
	15883.5	32.3	20.4	52.7	54.0	-1.3	Peak	Horizontal
*	8794.5	31.0	13.9	44.9	68.2	-3.3	Peak	Vertical
*	10069.5	32.7	15.6	48.3	68.2	-19.9	Peak	Vertical
	11608.0	31.6	19.4	51.0	54.0	-3.0	Peak	Vertical
	15849.5	32.7	20.4	53.1	54.0	-0.9	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	48
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8837.0	30.5	14.0	44.5	68.2	-23.7	Peak	Horizontal
*	9806.0	31.9	15.2	47.1	68.2	-21.1	Peak	Horizontal
	11412.5	30.8	19.1	49.9	54.0	-4.1	Peak	Horizontal
	15492.5	30.8	20.7	51.5	54.0	-2.5	Peak	Horizontal
*	8862.5	30.8	14.0	44.8	68.2	-23.4	Peak	Vertical
*	10163.0	30.5	16.0	46.5	68.2	-21.7	Peak	Vertical
	11548.5	29.3	19.4	48.7	54.0	-5.3	Peak	Vertical
	15577.5	30.3	20.5	50.8	54.0	-3.2	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	149
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	30.5	13.5	44.0	68.2	-24.2	Peak	Horizontal
*	10222.5	29.5	16.3	45.8	68.2	-22.4	Peak	Horizontal
	11608.0	29.7	19.4	49.1	54.0	-4.9	Peak	Horizontal
	15594.5	30.8	20.5	51.3	54.0	-2.7	Peak	Horizontal
*	8658.5	30.8	13.6	44.4	68.2	-23.8	Peak	Vertical
*	10188.5	30.1	16.2	46.3	68.2	-21.9	Peak	Vertical
	11480.5	33.0	19.3	52.3	54.0	-1.7	Peak	Vertical
	15560.5	32.7	20.6	53.3	54.0	-0.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	157
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	29.8	13.9	43.7	68.2	-24.5	Peak	Horizontal
*	10078.0	30.6	15.6	46.2	68.2	-22.0	Peak	Horizontal
	11208.5	30.3	18.8	49.1	54.0	-4.9	Peak	Horizontal
	15747.5	30.8	20.4	51.2	54.0	-2.8	Peak	Horizontal
*	8726.5	30.1	13.8	43.9	68.2	-24.3	Peak	Vertical
*	9814.5	31.6	15.4	47.0	68.2	-21.2	Peak	Vertical
	11565.5	33.4	19.5	52.9	54.0	-1.1	Peak	Vertical
	15586.0	30.8	20.5	51.3	54.0	-2.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11a - Ant 0 + 1 (CDD Mode)	Test Channel:	165
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	30.7	13.7	44.4	68.2	-23.8	Peak	Horizontal
*	9967.5	31.3	15.3	46.6	68.2	-21.6	Peak	Horizontal
	11591.0	31.2	19.5	50.7	54.0	-3.3	Peak	Horizontal
	15594.5	31.0	20.5	51.5	54.0	-2.5	Peak	Horizontal
*	8803.0	29.5	14.0	43.5	68.2	-24.7	Peak	Vertical
*	9908.0	30.4	15.3	45.7	68.2	-22.5	Peak	Vertical
	11650.5	32.0	19.3	51.3	54.0	-2.7	Peak	Vertical
	15586.0	30.3	20.5	50.8	54.0	-3.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	36
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	29.3	13.9	43.2	68.2	-25.0	Peak	Horizontal
*	9993.0	30.7	15.4	46.1	68.2	-22.1	Peak	Horizontal
	11769.5	29.4	18.8	48.2	54.0	-5.8	Peak	Horizontal
	15654.0	32.1	20.4	52.5	54.0	-1.5	Peak	Horizontal
*	8837.0	29.5	14.0	43.5	68.2	-24.7	Peak	Vertical
*	9687.0	34.1	14.6	48.7	68.2	-19.5	Peak	Vertical
	11684.5	30.2	19.2	49.4	54.0	-4.6	Peak	Vertical
	15526.5	30.6	20.6	51.2	54.0	-2.8	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	44
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	30.0	13.9	43.9	68.2	-24.3	Peak	Horizontal
*	10214.0	30.3	16.3	46.6	68.2	-21.6	Peak	Horizontal
	11744.0	29.0	18.9	47.9	54.0	-6.1	Peak	Horizontal
	15501.0	31.2	20.6	51.8	54.0	-2.2	Peak	Horizontal
*	8718.0	29.8	13.8	43.6	68.2	-24.6	Peak	Vertical
*	10018.5	31.8	15.4	47.2	68.2	-21.0	Peak	Vertical
	11344.5	29.5	19.0	48.5	54.0	-5.5	Peak	Vertical
	16113.0	30.7	20.4	51.1	54.0	-2.9	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	48
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	29.6	13.8	43.4	68.2	-24.8	Peak	Horizontal
*	10103.5	32.1	15.7	47.8	68.2	-20.4	Peak	Horizontal
	11327.5	28.9	18.9	47.8	54.0	-6.2	Peak	Horizontal
	15577.5	30.9	20.5	51.4	54.0	-2.6	Peak	Horizontal
*	8769.0	30.1	13.9	44.0	68.2	-24.2	Peak	Vertical
*	9925.0	30.8	15.3	46.1	68.2	-22.1	Peak	Vertical
	12058.5	31.5	18.8	50.3	54.0	-3.7	Peak	Vertical
	16062.0	31.7	20.3	52.0	54.0	-2.0	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8701.0	30.9	13.8	44.7	68.2	-23.5	Peak	Horizontal
*	9891.0	30.2	15.5	45.7	68.2	-22.5	Peak	Horizontal
	11183.0	28.6	18.7	47.3	54.0	-6.7	Peak	Horizontal
	15798.5	30.5	20.4	50.9	54.0	-3.1	Peak	Horizontal
*	8828.5	29.9	14.0	43.9	68.2	-24.3	Peak	Vertical
*	9976.0	33.1	15.3	48.4	68.2	-19.8	Peak	Vertical
	11455.0	32.9	19.2	52.1	54.0	-1.9	Peak	Vertical
	15747.5	30.5	20.4	50.9	54.0	-3.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	157
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	30.0	14.0	44.0	68.2	-24.2	Peak	Horizontal
*	9865.5	31.9	16.0	47.9	68.2	-20.3	Peak	Horizontal
	11387.0	31.5	19.1	50.6	54.0	-3.4	Peak	Horizontal
	15654.0	32.9	20.4	53.3	54.0	-0.7	Peak	Horizontal
*	8828.5	30.0	14.0	44.0	68.2	-24.2	Peak	Vertical
*	9899.5	31.9	15.4	47.3	68.2	-20.9	Peak	Vertical
	11565.5	34.5	19.5	54.0	54.0	0.0	Peak	Vertical
	15492.5	30.9	20.7	51.6	54.0	-2.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	165
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	30.9	13.8	44.7	68.2	-23.5	Peak	Horizontal
*	10290.5	32.5	16.6	49.1	68.2	-19.1	Peak	Horizontal
	11650.5	31.4	19.3	50.7	54.0	-3.3	Peak	Horizontal
	15577.5	32.2	20.5	52.7	54.0	-1.3	Peak	Horizontal
*	8743.5	29.9	13.9	43.8	68.2	-24.4	Peak	Vertical
*	9950.5	32.5	15.3	47.8	68.2	-20.4	Peak	Vertical
	11642.0	32.2	19.4	51.6	54.0	-2.4	Peak	Vertical
	15450.0	30.5	20.8	51.3	54.0	-2.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	38
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	29.6	13.9	43.5	68.2	-24.7	Peak	Horizontal
*	9959.0	30.0	15.3	45.3	68.2	-22.9	Peak	Horizontal
	11327.5	29.0	18.9	47.9	54.0	-6.1	Peak	Horizontal
	15577.5	31.0	20.5	51.5	54.0	-2.5	Peak	Horizontal
*	8658.5	30.6	13.6	44.2	68.2	-24.0	Peak	Vertical
*	9857.0	31.6	16.2	47.8	68.2	-20.4	Peak	Vertical
	11242.5	30.1	18.8	48.9	54.0	-5.1	Peak	Vertical
	15815.5	30.4	20.4	50.8	54.0	-3.2	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	46
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	29.6	13.9	43.5	68.2	-24.7	Peak	Horizontal
*	9993.0	30.4	15.4	45.8	68.2	-22.4	Peak	Horizontal
	11829.0	29.2	18.7	47.9	54.0	-6.1	Peak	Horizontal
	15764.5	30.5	20.4	50.9	54.0	-3.1	Peak	Horizontal
*	8794.5	29.5	13.9	43.4	68.2	-24.8	Peak	Vertical
*	9780.5	31.1	14.9	46.0	68.2	-22.2	Peak	Vertical
	11276.5	28.8	18.8	47.6	54.0	-6.4	Peak	Vertical
	15764.5	30.3	20.4	50.7	54.0	-3.3	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	31.0	13.9	44.9	68.2	-23.3	Peak	Horizontal
*	10171.5	30.4	16.1	46.5	68.2	-21.7	Peak	Horizontal
	11429.5	30.0	19.2	49.2	54.0	-4.8	Peak	Horizontal
	15637.0	31.2	20.4	51.6	54.0	-2.4	Peak	Horizontal
*	8777.5	29.8	13.9	43.7	68.2	-24.5	Peak	Vertical
*	10214.0	31.4	16.3	47.7	68.2	-20.5	Peak	Vertical
	11497.5	32.9	19.3	52.2	54.0	-1.8	Peak	Vertical
	15764.5	33.1	20.4	53.5	54.0	-0.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	159
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8726.5	29.7	13.8	43.5	68.2	-24.7	Peak	Horizontal
*	10061.0	31.8	15.6	47.4	68.2	-20.8	Peak	Horizontal
	11557.0	29.6	19.5	49.1	54.0	-4.9	Peak	Horizontal
	15535.0	31.4	20.6	52.0	54.0	-2.0	Peak	Horizontal
*	8777.5	29.6	13.9	43.5	68.2	-24.7	Peak	Vertical
*	10001.5	31.7	15.4	47.1	68.2	-21.1	Peak	Vertical
	11378.5	29.6	19.1	48.7	54.0	-5.3	Peak	Vertical
	15569.0	32.1	20.6	52.7	54.0	-1.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	36
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	29.6	13.9	43.5	68.2	-24.7	Peak	Horizontal
*	9857.0	31.1	16.2	47.3	68.2	-20.9	Peak	Horizontal
	11395.5	30.5	19.1	49.6	54.0	-4.4	Peak	Horizontal
	15433.0	31.4	20.9	52.3	54.0	-1.7	Peak	Horizontal
*	8803.0	29.5	14.0	43.5	68.2	-24.7	Peak	Vertical
*	9882.5	30.1	15.6	45.7	68.2	-22.5	Peak	Vertical
	11310.5	29.1	18.9	48.0	54.0	-6.0	Peak	Vertical
	15458.5	30.8	20.8	51.6	54.0	-2.4	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	44
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	29.2	13.9	43.1	68.2	-25.1	Peak	Horizontal
*	10205.5	29.9	16.2	46.1	68.2	-22.1	Peak	Horizontal
	11174.5	29.3	18.7	48.0	54.0	-6.0	Peak	Horizontal
	15526.5	30.6	20.6	51.2	54.0	-2.8	Peak	Horizontal
*	8845.5	29.8	14.0	43.8	68.2	-24.4	Peak	Vertical
*	9814.5	30.7	15.4	46.1	68.2	-22.1	Peak	Vertical
	11429.5	30.7	19.2	49.9	54.0	-4.1	Peak	Vertical
	15909.0	32.3	20.4	52.7	54.0	-1.3	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	48
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	29.4	13.9	43.3	68.2	-24.9	Peak	Horizontal
*	9950.5	31.4	15.3	46.7	68.2	-21.5	Peak	Horizontal
	11735.5	30.8	19.0	49.8	54.0	-4.2	Peak	Horizontal
	15696.5	30.4	20.5	50.9	54.0	-3.1	Peak	Horizontal
*	8777.5	29.6	13.9	43.5	68.2	-24.7	Peak	Vertical
*	9865.5	31.7	16.0	47.7	68.2	-20.5	Peak	Vertical
	11956.5	28.9	18.6	47.5	54.0	-6.5	Peak	Vertical
	15696.5	30.4	20.5	50.9	54.0	-3.1	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	149
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	29.7	13.8	43.5	68.2	-24.7	Peak	Horizontal
*	9899.5	31.2	15.4	46.6	68.2	-21.6	Peak	Horizontal
	11404.0	32.0	19.1	51.1	54.0	-2.9	Peak	Horizontal
	15424.5	32.1	20.9	53.0	54.0	-1.0	Peak	Horizontal
*	8769.0	31.0	13.9	44.9	68.2	-23.3	Peak	Vertical
*	10035.5	31.0	15.5	46.5	68.2	-21.7	Peak	Vertical
	11480.5	33.6	19.3	52.9	54.0	-1.1	Peak	Vertical
	15679.5	30.8	20.4	51.2	54.0	-2.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	157
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	30.2	13.9	44.1	68.2	-24.1	Peak	Horizontal
*	9908.0	31.5	15.3	46.8	68.2	-21.4	Peak	Horizontal
	11897.0	29.5	18.6	48.1	54.0	-5.9	Peak	Horizontal
	15832.5	30.9	20.4	51.3	54.0	-2.7	Peak	Horizontal
*	8786.0	30.1	13.9	44.0	68.2	-24.2	Peak	Vertical
*	9857.0	31.5	16.2	47.7	68.2	-20.5	Peak	Vertical
	11582.5	33.3	19.5	52.8	54.0	-1.2	Peak	Vertical
	15552.0	31.7	20.6	52.3	54.0	-1.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	30.1	13.9	44.0	68.2	-24.2	Peak	Horizontal
*	9857.0	31.4	16.2	47.6	68.2	-20.6	Peak	Horizontal
	11191.5	29.1	18.7	47.8	54.0	-6.2	Peak	Horizontal
	15696.5	30.8	20.5	51.3	54.0	-2.7	Peak	Horizontal
*	8777.5	31.0	13.9	44.9	68.2	-23.3	Peak	Vertical
*	9755.0	33.8	14.8	48.6	68.2	-19.6	Peak	Vertical
	11642.0	33.7	19.4	53.1	54.0	-0.9	Peak	Vertical
	15433.0	31.3	20.9	52.2	54.0	-1.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8828.5	30.0	14.0	44.0	68.2	-24.2	Peak	Horizontal
*	10120.5	32.1	15.8	47.9	68.2	-20.3	Peak	Horizontal
	11140.5	30.9	18.7	49.6	54.0	-4.4	Peak	Horizontal
	15492.5	31.0	20.7	51.7	54.0	-2.3	Peak	Horizontal
*	8692.5	31.1	13.7	44.8	68.2	-23.4	Peak	Vertical
*	9814.5	30.5	15.4	45.9	68.2	-22.3	Peak	Vertical
	11293.5	30.2	18.9	49.1	54.0	-4.9	Peak	Vertical
	15560.5	31.8	20.6	52.4	54.0	-1.6	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	31.5	13.7	45.2	68.2	-23.0	Peak	Horizontal
*	10112.0	32.9	15.8	48.7	68.2	-19.5	Peak	Horizontal
	11327.5	29.4	18.9	48.3	54.0	-5.7	Peak	Horizontal
	15637.0	31.7	20.4	52.1	54.0	-1.9	Peak	Horizontal
*	8701.0	31.0	13.8	44.8	68.2	-23.4	Peak	Vertical
*	10001.5	31.0	15.4	46.4	68.2	-21.8	Peak	Vertical
	11234.0	29.4	18.8	48.2	54.0	-5.8	Peak	Vertical
	15730.5	30.8	20.5	51.3	54.0	-2.7	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	151
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	28.9	13.9	42.8	68.2	-25.4	Peak	Horizontal
*	9814.5	30.8	15.4	46.2	68.2	-22.0	Peak	Horizontal
	10987.5	30.0	18.5	48.5	54.0	-5.5	Peak	Horizontal
	15824.0	30.2	20.4	50.6	54.0	-3.4	Peak	Horizontal
*	8701.0	30.0	13.8	43.8	68.2	-24.4	Peak	Vertical
*	9857.0	30.8	16.2	47.0	68.2	-21.2	Peak	Vertical
	11191.5	28.6	18.7	47.3	54.0	-6.7	Peak	Vertical
	15543.5	30.3	20.6	50.9	54.0	-3.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	159
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	28.9	13.9	42.8	68.2	-25.4	Peak	Horizontal
*	9891.0	29.8	15.5	45.3	68.2	-22.9	Peak	Horizontal
	11531.5	30.6	19.4	50.0	54.0	-4.0	Peak	Horizontal
	15577.5	30.7	20.5	51.2	54.0	-2.8	Peak	Horizontal
*	8539.5	31.7	13.1	44.8	68.2	-23.4	Peak	Vertical
*	10171.5	29.9	16.1	46.0	68.2	-22.2	Peak	Vertical
	11429.5	29.5	19.2	48.7	54.0	-5.3	Peak	Vertical
	15713.5	30.2	20.5	50.7	54.0	-3.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (CDD Mode)	Test Channel:	42
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	30.1	13.9	44.0	68.2	-24.2	Peak	Horizontal
*	10163.0	30.3	16.0	46.3	68.2	-21.9	Peak	Horizontal
	11659.0	29.1	19.3	48.4	54.0	-5.6	Peak	Horizontal
	15543.5	30.4	20.6	51.0	54.0	-3.0	Peak	Horizontal
*	8811.5	29.7	14.0	43.7	68.2	-24.5	Peak	Vertical
*	10018.5	30.9	15.4	46.3	68.2	-21.9	Peak	Vertical
	11378.5	29.1	19.1	48.2	54.0	-5.8	Peak	Vertical
	15781.5	29.7	20.4	50.1	54.0	-3.9	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (CDD Mode)	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8718.0	30.4	13.8	44.2	68.2	-24.0	Peak	Horizontal
*	9925.0	32.7	15.3	48.0	68.2	-20.2	Peak	Horizontal
	11276.5	29.2	18.8	48.0	54.0	-6.0	Peak	Horizontal
	15560.5	30.4	20.6	51.0	54.0	-3.0	Peak	Horizontal
*	8786.0	29.8	13.9	43.7	68.2	-24.5	Peak	Vertical
*	9823.0	30.3	15.6	45.9	68.2	-22.3	Peak	Vertical
	11744.0	29.4	18.9	48.3	54.0	-5.7	Peak	Vertical
	15492.5	30.8	20.7	51.5	54.0	-2.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	36
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8199.5	30.6	12.0	42.6	68.2	-25.6	Peak	Horizontal
*	10103.5	31.3	15.7	47.0	68.2	-21.2	Peak	Horizontal
	11608.0	30.7	19.4	50.1	54.0	-3.9	Peak	Horizontal
	14974.0	30.7	21.9	52.6	54.0	-1.4	Peak	Horizontal
*	8242.0	31.1	11.9	43.0	68.2	-25.2	Peak	Vertical
*	10069.5	31.6	15.6	47.2	68.2	-21.0	Peak	Vertical
	11429.5	29.3	19.2	48.5	54.0	-5.5	Peak	Vertical
	14974.0	30.2	21.9	52.1	54.0	-1.9	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8123.0	32.7	12.2	44.9	68.2	-23.3	Peak	Horizontal
*	10163.0	31.8	16.0	47.8	68.2	-20.4	Peak	Horizontal
	11455.0	30.6	19.2	49.8	54.0	-4.2	Peak	Horizontal
	14880.5	30.3	22.3	52.6	54.0	-1.4	Peak	Horizontal
*	8174.0	31.0	12.0	43.0	68.2	-25.2	Peak	Vertical
*	10095.0	32.5	15.7	48.2	68.2	-20.0	Peak	Vertical
	10970.5	30.5	18.4	48.9	54.0	-5.1	Peak	Vertical
	15050.5	31.3	21.7	53.0	54.0	-1.0	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	48
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8199.5	31.3	12.0	43.3	68.2	-24.9	Peak	Horizontal
*	10103.5	32.3	15.7	48.0	68.2	-20.2	Peak	Horizontal
	11208.5	30.4	18.8	49.2	54.0	-4.8	Peak	Horizontal
	14880.5	29.3	22.3	51.6	54.0	-2.4	Peak	Horizontal
*	8276.0	30.5	11.9	42.4	68.2	-25.8	Peak	Vertical
*	10103.5	31.9	15.7	47.6	68.2	-20.6	Peak	Vertical
	10996.0	30.8	18.5	49.3	54.0	-4.7	Peak	Vertical
	15127.0	31.5	21.6	53.1	54.0	-0.9	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	149
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8174.0	30.6	12.0	42.6	68.2	-25.6	Peak	Horizontal
*	10044.0	30.2	15.5	45.7	68.2	-22.5	Peak	Horizontal
	11387.0	29.3	19.1	48.4	54.0	-5.6	Peak	Horizontal
	15033.5	30.8	21.7	52.5	54.0	-1.5	Peak	Horizontal
*	8165.5	30.9	12.1	43.0	68.2	-25.2	Peak	Vertical
*	10035.5	31.7	15.5	47.2	68.2	-21.0	Peak	Vertical
	11251.0	29.3	18.8	48.1	54.0	-5.9	Peak	Vertical
	15084.5	30.0	21.6	51.6	54.0	-2.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	157
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8216.5	30.6	11.9	42.5	68.2	-25.7	Peak	Horizontal
*	10010.0	30.2	15.4	45.6	68.2	-22.6	Peak	Horizontal
	11242.5	28.4	18.8	47.2	54.0	-6.8	Peak	Horizontal
	15084.5	30.6	21.6	52.2	54.0	-1.8	Peak	Horizontal
*	8199.5	30.4	12.0	42.4	68.2	-25.8	Peak	Vertical
*	10010.0	30.3	15.4	45.7	68.2	-22.5	Peak	Vertical
	11021.5	29.0	18.5	47.5	54.0	-6.5	Peak	Vertical
	15169.5	30.4	21.5	51.9	54.0	-2.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	165
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8216.5	30.0	11.9	41.9	68.2	-26.3	Peak	Horizontal
*	10188.5	29.9	16.2	46.1	68.2	-22.1	Peak	Horizontal
	11735.5	28.3	19.0	47.3	54.0	-6.7	Peak	Horizontal
	15475.5	30.1	20.7	50.8	54.0	-3.2	Peak	Horizontal
*	8208.0	30.4	11.9	42.3	68.2	-25.9	Peak	Vertical
*	9950.5	29.8	15.3	45.1	68.2	-23.1	Peak	Vertical
	11667.5	28.6	19.3	47.9	54.0	-6.1	Peak	Vertical
	14974.0	30.5	21.9	52.4	54.0	-1.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8267.5	30.2	11.9	42.1	68.2	-26.1	Peak	Horizontal
*	10052.5	30.0	15.5	45.5	68.2	-22.7	Peak	Horizontal
	10732.5	29.4	17.6	47.0	54.0	-7.0	Peak	Horizontal
	15118.5	30.2	21.6	51.8	54.0	-2.2	Peak	Horizontal
*	8182.5	31.7	12.0	43.7	68.2	-24.5	Peak	Vertical
*	10052.5	30.2	15.5	45.7	68.2	-22.5	Peak	Vertical
	11038.5	31.2	18.5	49.7	54.0	-4.3	Peak	Vertical
	14999.5	30.1	21.8	51.9	54.0	-2.1	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	46
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8174.0	29.6	12.0	41.6	68.2	-26.6	Peak	Horizontal
*	10052.5	30.1	15.5	45.6	68.2	-22.6	Peak	Horizontal
	11327.5	29.4	18.9	48.3	54.0	-5.7	Peak	Horizontal
	15101.5	30.1	21.6	51.7	54.0	-2.3	Peak	Horizontal
*	8131.5	30.7	12.2	42.9	68.2	-25.3	Peak	Vertical
*	10001.5	30.0	15.4	45.4	68.2	-22.8	Peak	Vertical
	11523.0	31.2	19.4	50.6	54.0	-3.4	Peak	Vertical
	15093.0	30.3	21.6	51.9	54.0	-2.1	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	151
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8182.5	29.7	12.0	41.7	68.2	-26.5	Peak	Horizontal
*	9942.0	29.9	15.3	45.2	68.2	-23.0	Peak	Horizontal
	11183.0	29.8	18.7	48.5	54.0	-5.5	Peak	Horizontal
	14863.5	29.4	22.4	51.8	54.0	-2.2	Peak	Horizontal
*	8310.0	31.8	11.9	43.7	68.2	-24.5	Peak	Vertical
*	9993.0	30.2	15.4	45.6	68.2	-22.6	Peak	Vertical
	11523.0	29.8	19.4	49.2	54.0	-4.8	Peak	Vertical
	15314.0	30.1	21.2	51.3	54.0	-2.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8310.0	31.4	11.9	43.3	68.2	-24.9	Peak	Horizontal
*	10078.0	30.6	15.6	46.2	68.2	-22.0	Peak	Horizontal
	11327.5	29.1	18.9	48.0	54.0	-6.0	Peak	Horizontal
	15161.0	31.0	21.5	52.5	54.0	-1.5	Peak	Horizontal
*	8216.5	30.5	11.9	42.4	68.2	-25.8	Peak	Vertical
*	10035.5	30.3	15.5	45.8	68.2	-22.4	Peak	Vertical
	11446.5	30.0	19.2	49.2	54.0	-4.8	Peak	Vertical
	14821.0	29.1	22.5	51.6	54.0	-2.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	36
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8276.0	30.9	11.9	42.8	68.2	-25.4	Peak	Horizontal
*	10180.0	29.6	16.1	45.7	68.2	-22.5	Peak	Horizontal
	10970.5	29.7	18.4	48.1	54.0	-5.9	Peak	Horizontal
	14838.0	29.4	22.5	51.9	54.0	-2.1	Peak	Horizontal
*	8242.0	30.0	11.9	41.9	68.2	-26.3	Peak	Vertical
*	9933.5	29.6	15.3	44.9	68.2	-23.3	Peak	Vertical
	10800.5	31.8	17.9	49.7	54.0	-4.3	Peak	Vertical
	14829.5	28.9	22.5	51.4	54.0	-2.6	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	44
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8165.5	30.0	12.1	42.1	68.2	-26.1	Peak	Horizontal
*	9993.0	30.7	15.4	46.1	68.2	-22.1	Peak	Horizontal
	11557.0	31.1	19.5	50.6	54.0	-3.4	Peak	Horizontal
	14812.5	29.6	22.5	52.1	54.0	-1.9	Peak	Horizontal
*	8199.5	29.6	12.0	41.6	68.2	-26.6	Peak	Vertical
*	10095.0	30.0	15.7	45.7	68.2	-22.5	Peak	Vertical
	11429.5	28.9	19.2	48.1	54.0	-5.9	Peak	Vertical
	14863.5	29.8	22.4	52.2	54.0	-1.8	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	48
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8140.0	31.8	12.2	44.0	68.2	-24.2	Peak	Horizontal
*	9950.5	30.2	15.3	45.5	68.2	-22.7	Peak	Horizontal
	10970.5	30.6	18.4	49.0	54.0	-5.0	Peak	Horizontal
	14914.5	29.6	22.1	51.7	54.0	-2.3	Peak	Horizontal
*	8131.5	32.1	12.2	44.3	68.2	-23.9	Peak	Vertical
*	10120.5	30.7	15.8	46.5	68.2	-21.7	Peak	Vertical
	11523.0	31.3	19.4	50.7	54.0	-3.3	Peak	Vertical
	14914.5	29.8	22.1	51.9	54.0	-2.1	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8199.5	30.2	12.0	42.2	68.2	-26.0	Peak	Horizontal
*	10001.5	29.9	15.4	45.3	68.2	-22.9	Peak	Horizontal
	11336.0	28.5	19.0	47.5	54.0	-6.5	Peak	Horizontal
	14974.0	29.5	21.9	51.4	54.0	-2.6	Peak	Horizontal
*	8242.0	31.0	11.9	42.9	68.2	-25.3	Peak	Vertical
*	10146.0	29.9	16.0	45.9	68.2	-22.3	Peak	Vertical
	11472.0	29.5	19.3	48.8	54.0	-5.2	Peak	Vertical
	15084.5	30.0	21.6	51.6	54.0	-2.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8199.5	29.9	12.0	41.9	68.2	-26.3	Peak	Horizontal
*	10171.5	29.6	16.1	45.7	68.2	-22.5	Peak	Horizontal
	11378.5	28.5	19.1	47.6	54.0	-6.4	Peak	Horizontal
	14880.5	29.2	22.3	51.5	54.0	-2.5	Peak	Horizontal
*	8199.5	30.8	12.0	42.8	68.2	-25.4	Peak	Vertical
*	9950.5	29.9	15.3	45.2	68.2	-23.0	Peak	Vertical
	11276.5	28.4	18.8	47.2	54.0	-6.8	Peak	Vertical
	15067.5	30.3	21.6	51.9	54.0	-2.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	165
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8216.5	30.4	11.9	42.3	68.2	-25.9	Peak	Horizontal
*	10001.5	30.7	15.4	46.1	68.2	-22.1	Peak	Horizontal
	11523.0	30.5	19.4	49.9	54.0	-4.1	Peak	Horizontal
	14761.5	30.1	22.7	52.8	54.0	-1.2	Peak	Horizontal
*	8267.5	31.2	11.9	43.1	68.2	-25.1	Peak	Vertical
*	10018.5	30.8	15.4	46.2	68.2	-22.0	Peak	Vertical
	11217.0	30.3	18.8	49.1	54.0	-4.9	Peak	Vertical
	14948.5	30.4	22.0	52.4	54.0	-1.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	38
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8216.5	31.5	11.9	43.4	68.2	-24.8	Peak	Horizontal
*	10035.5	31.3	15.5	46.8	68.2	-21.4	Peak	Horizontal
	11327.5	28.9	18.9	47.8	54.0	-6.2	Peak	Horizontal
	15067.5	30.4	21.6	52.0	54.0	-2.0	Peak	Horizontal
*	8276.0	30.2	11.9	42.1	68.2	-26.1	Peak	Vertical
*	10061.0	29.8	15.6	45.4	68.2	-22.8	Peak	Vertical
	11387.0	29.4	19.1	48.5	54.0	-5.5	Peak	Vertical
	15101.5	30.1	21.6	51.7	54.0	-2.3	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	46
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8259.0	30.1	11.9	42.0	68.2	-26.2	Peak	Horizontal
*	9950.5	29.9	15.3	45.2	68.2	-23.0	Peak	Horizontal
	11710.0	28.7	19.1	47.8	54.0	-6.2	Peak	Horizontal
	14863.5	29.4	22.4	51.8	54.0	-2.2	Peak	Horizontal
*	8225.0	29.7	11.9	41.6	68.2	-26.6	Peak	Vertical
*	10035.5	31.1	15.5	46.6	68.2	-21.6	Peak	Vertical
	11684.5	29.0	19.2	48.2	54.0	-5.8	Peak	Vertical
	15178.0	30.3	21.4	51.7	54.0	-2.3	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	151
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8208.0	29.4	11.9	41.3	68.2	-26.9	Peak	Horizontal
*	9950.5	30.2	15.3	45.5	68.2	-22.7	Peak	Horizontal
	11021.5	29.5	18.5	48.0	54.0	-6.0	Peak	Horizontal
	14957.0	30.7	22.0	52.7	54.0	-1.3	Peak	Horizontal
*	8140.0	30.3	12.2	42.5	68.2	-25.7	Peak	Vertical
*	10044.0	31.1	15.5	46.6	68.2	-21.6	Peak	Vertical
	11446.5	30.1	19.2	49.3	54.0	-4.7	Peak	Vertical
	14863.5	29.1	22.4	51.5	54.0	-2.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	159
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8165.5	32.2	12.1	44.3	68.2	-23.9	Peak	Horizontal
*	9959.0	30.4	15.3	45.7	68.2	-22.5	Peak	Horizontal
	11412.5	29.6	19.1	48.7	54.0	-5.3	Peak	Horizontal
	14965.5	30.5	21.9	52.4	54.0	-1.6	Peak	Horizontal
*	8165.5	31.1	12.1	43.2	68.2	-25.0	Peak	Vertical
*	9993.0	29.9	15.4	45.3	68.2	-22.9	Peak	Vertical
	11684.5	28.3	19.2	47.5	54.0	-6.5	Peak	Vertical
	14965.5	30.0	21.9	51.9	54.0	-2.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	42
Remark:	<ol style="list-style-type: none"> Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8191.0	31.4	12.0	43.4	68.2	-24.8	Peak	Horizontal
*	9933.5	30.0	15.3	45.3	68.2	-22.9	Peak	Horizontal
	11302.0	28.1	18.9	47.0	54.0	-7.0	Peak	Horizontal
	14889.0	29.5	22.2	51.7	54.0	-2.3	Peak	Horizontal
*	8174.0	30.0	12.0	42.0	68.2	-26.2	Peak	Vertical
*	9950.5	29.3	15.3	44.6	68.2	-23.6	Peak	Vertical
	11302.0	28.1	18.9	47.0	54.0	-7.0	Peak	Vertical
	15059.0	29.8	21.6	51.4	54.0	-2.6	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)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/10/18
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	155
Remark:	<ol style="list-style-type: none"> 1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report. 		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8276.0	31.2	11.9	43.1	68.2	-25.1	Peak	Horizontal
*	9874.0	29.6	15.8	45.4	68.2	-22.8	Peak	Horizontal
	10936.5	30.3	18.4	48.7	54.0	-5.3	Peak	Horizontal
	14889.0	30.0	22.2	52.2	54.0	-1.8	Peak	Horizontal
*	8174.0	29.9	12.0	41.9	68.2	-26.3	Peak	Vertical
*	9942.0	30.1	15.3	45.4	68.2	-22.8	Peak	Vertical
	11846.0	28.2	18.7	46.9	54.0	-7.1	Peak	Vertical
	14838.0	29.6	22.5	52.1	54.0	-1.9	Peak	Vertical

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

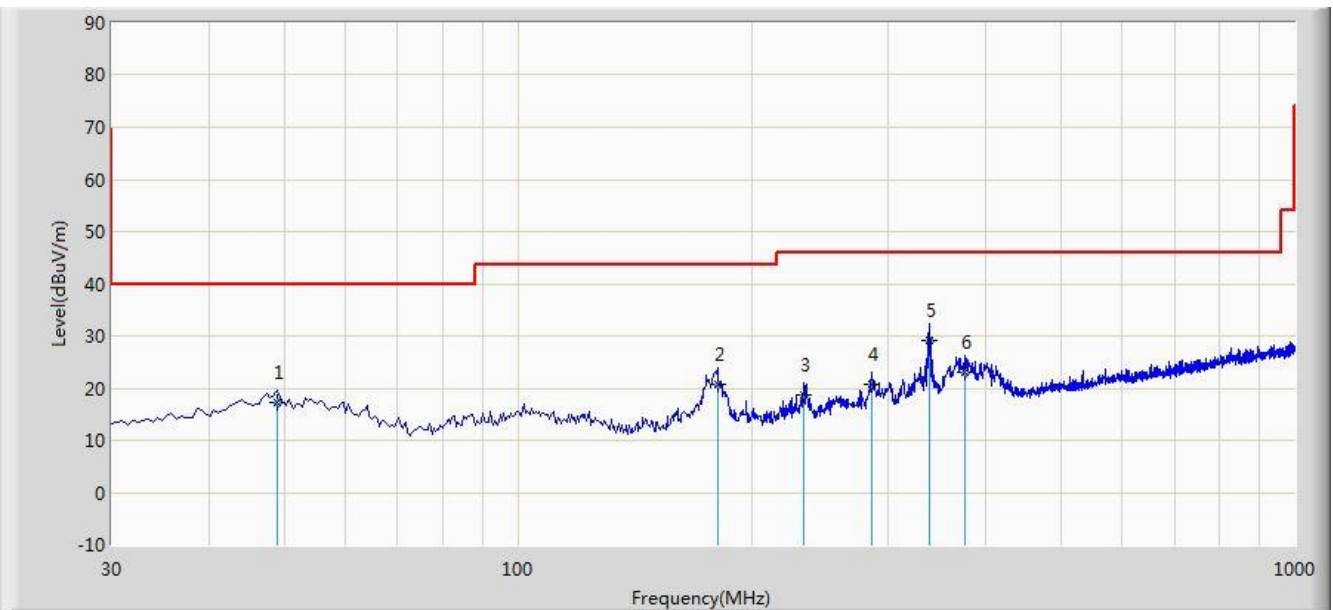
Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2017/11/06 - 18:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz

Note: There is the worst case within frequency range 30MHz~1GHz.



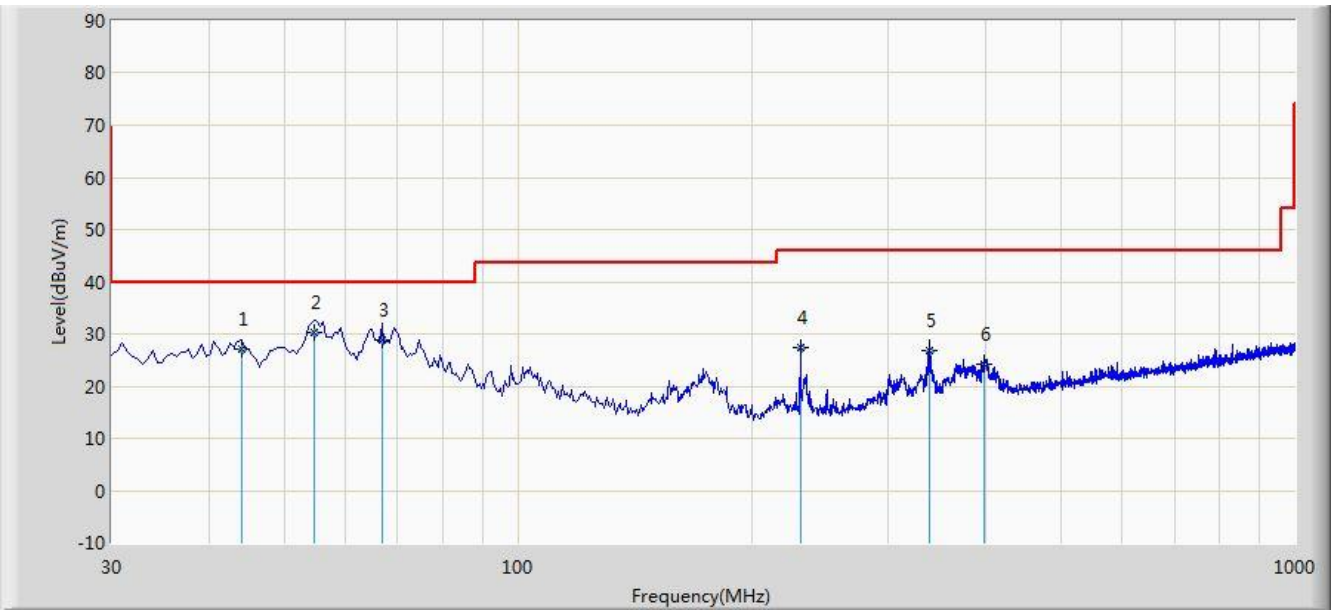
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			48.915	17.305	2.340	-22.695	40.000	14.965	QP
2			180.835	20.840	9.840	-22.660	43.500	11.000	QP
3			233.215	18.625	5.430	-27.375	46.000	13.195	QP
4			285.110	20.728	6.450	-25.272	46.000	14.278	QP
5		*	337.975	29.077	13.450	-16.923	46.000	15.626	QP
6			376.775	23.040	6.790	-22.960	46.000	16.250	QP

Note 1: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Site: AC1	Time: 2017/11/06 - 18:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: ACCESS POINT	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			44.065	26.996	12.340	-13.004	40.000	14.656	QP
2		*	54.735	30.177	15.450	-9.823	40.000	14.727	QP
3			66.860	28.777	16.850	-11.223	40.000	11.927	QP
4			231.275	27.445	14.320	-18.555	46.000	13.125	QP
5			338.945	26.886	11.230	-19.114	46.000	15.656	QP
6			399.085	24.182	7.450	-21.818	46.000	16.732	QP

Note 1: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

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 shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 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 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/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 Procedure Used

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.9.3. Test Setting

Peak Measurements above 1GHz

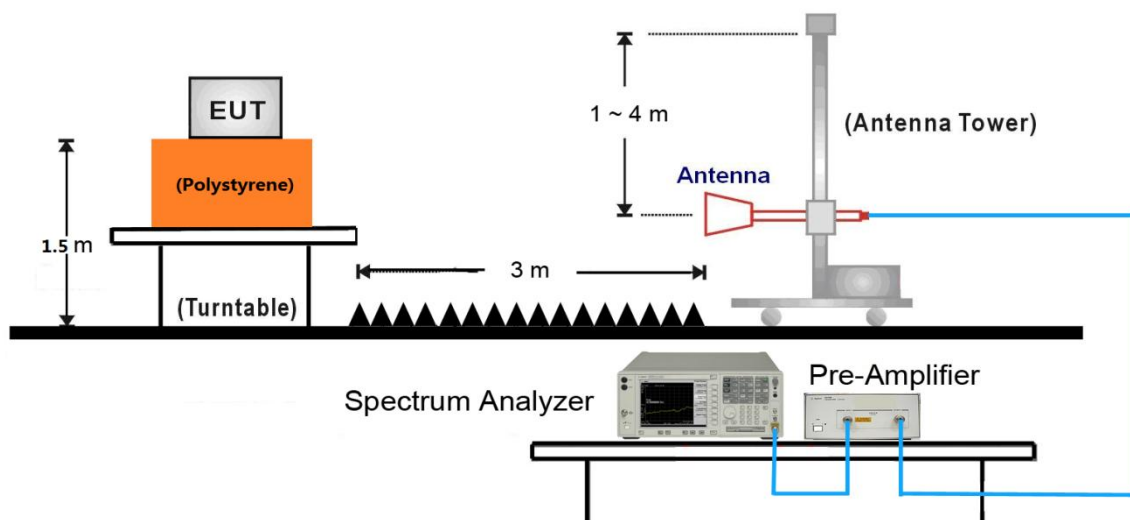
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

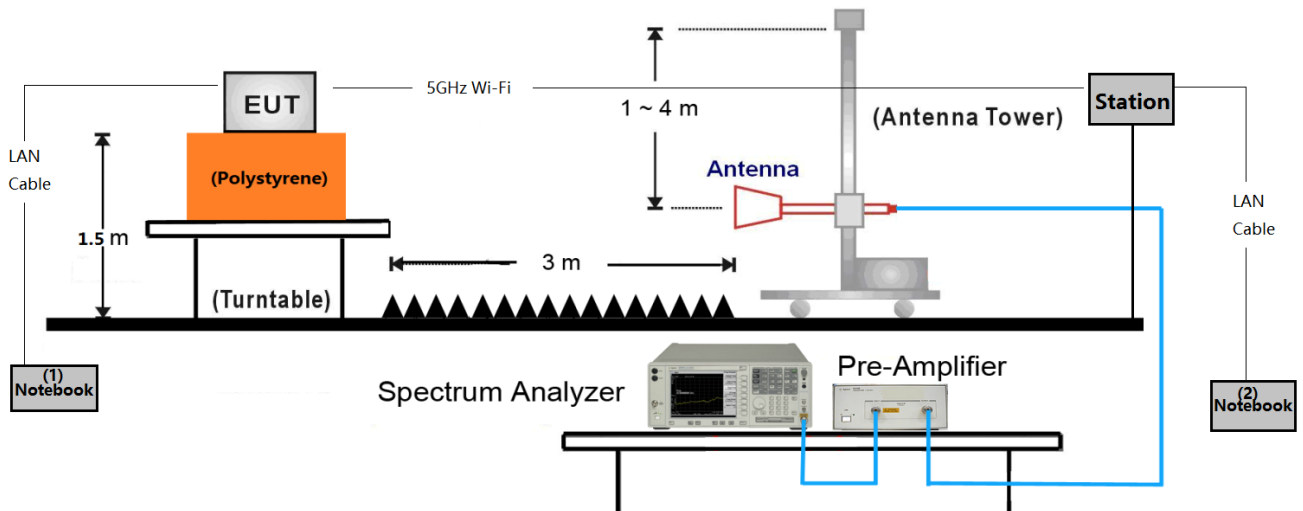
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

7.9.4. Test Setup

This item was performed with the WIFI antenna connected.



Additional Beam-Forming Mode Test Setup



Make the EUT connect with the station by 5GHz wireless.

Input some commands in the notebook (1) to open the EUT Beam Forming function, and setup the related test channel & data rate & power setting.

Make the notebook (1) ping with notebook (2) using the “iperf” software that can produce one bigger duty cycle waveform (90 percent around).

7.9.5. Test Result

Site: AC1	Time: 2017/10/17 - 20:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	65.722	61.553	-8.278	74.000	4.170	PK
2		*	5176.465	117.464	113.383	N/A	N/A	4.081	PK

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

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

Site: AC1	Time: 2017/10/17 - 20:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

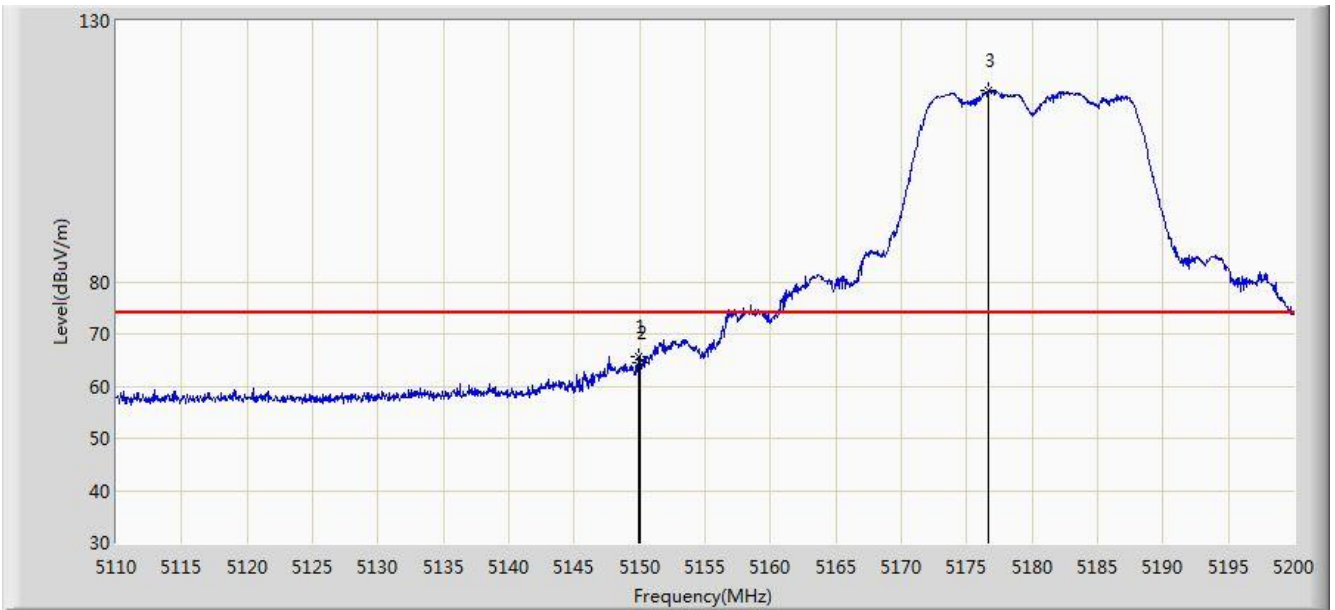


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.445	45.276	-4.555	54.000	4.170	AV
2		*	5176.330	106.892	102.810	N/A	N/A	4.081	AV

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

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

Site: AC1	Time: 2017/10/17 - 20:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

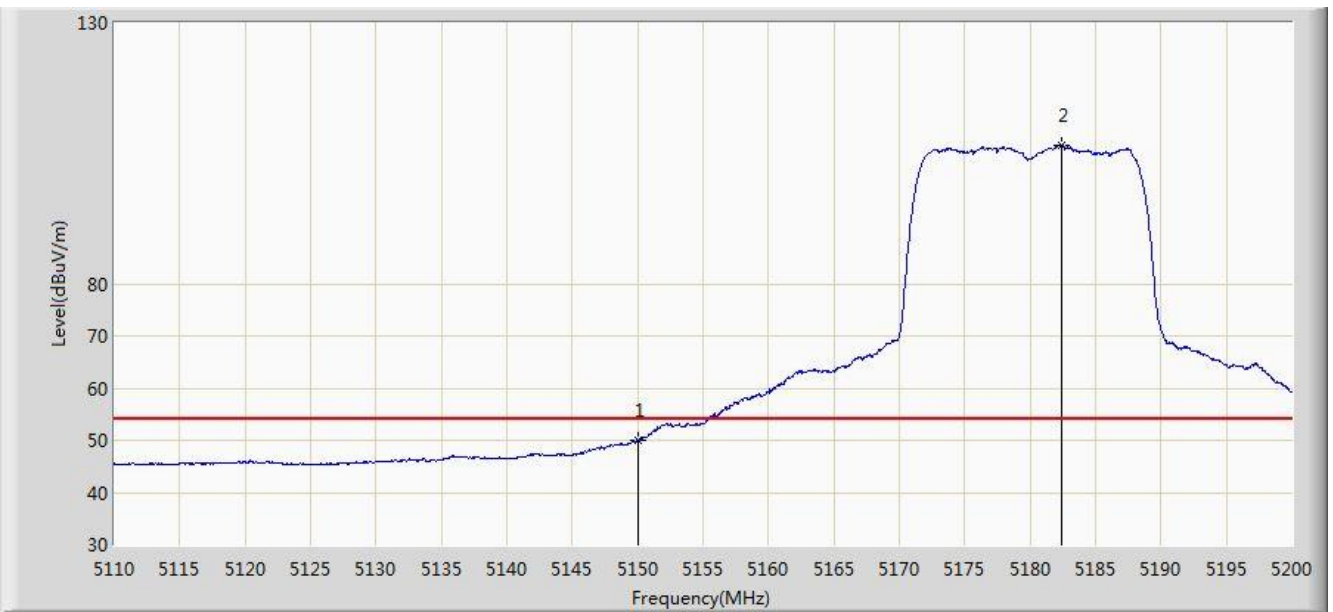


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.870	65.774	61.604	-8.226	74.000	4.170	PK
2			5150.000	64.607	60.438	-9.393	74.000	4.170	PK
3		*	5176.645	116.584	112.503	N/A	N/A	4.080	PK

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: 2017/10/17 - 20:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

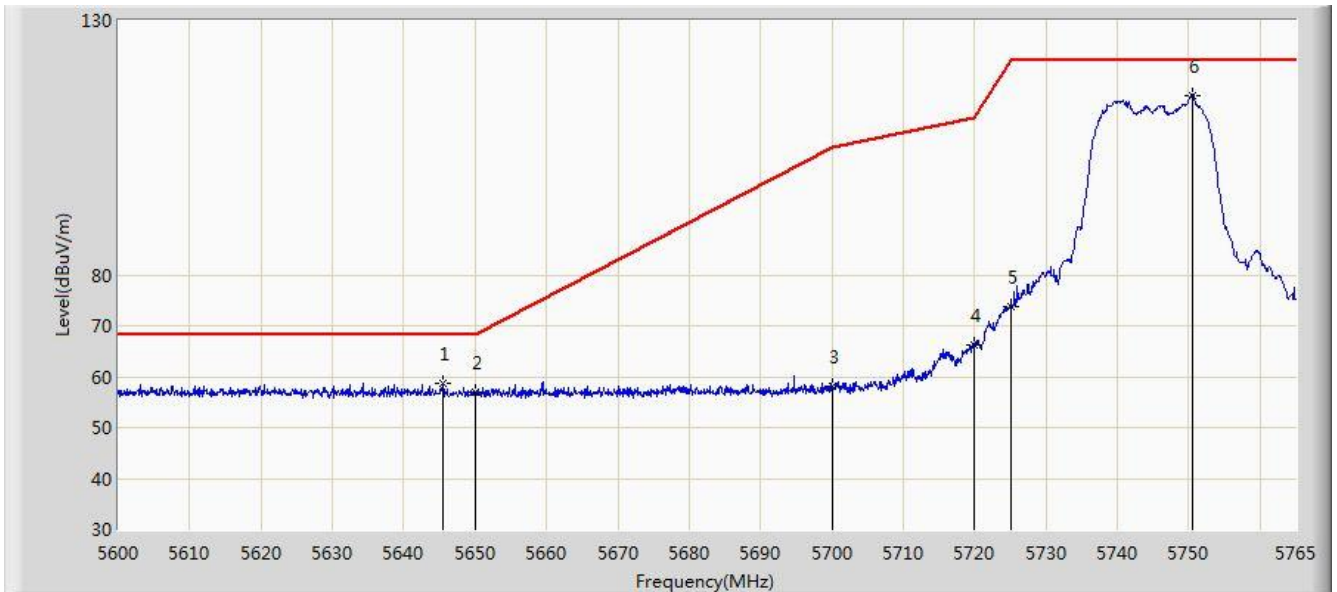


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.059	45.890	-3.941	54.000	4.170	AV
2		*	5182.450	106.625	102.565	N/A	N/A	4.060	AV

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

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

Site: AC1	Time: 2017/10/17 - 20:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 + 1 (CDD Mode)	

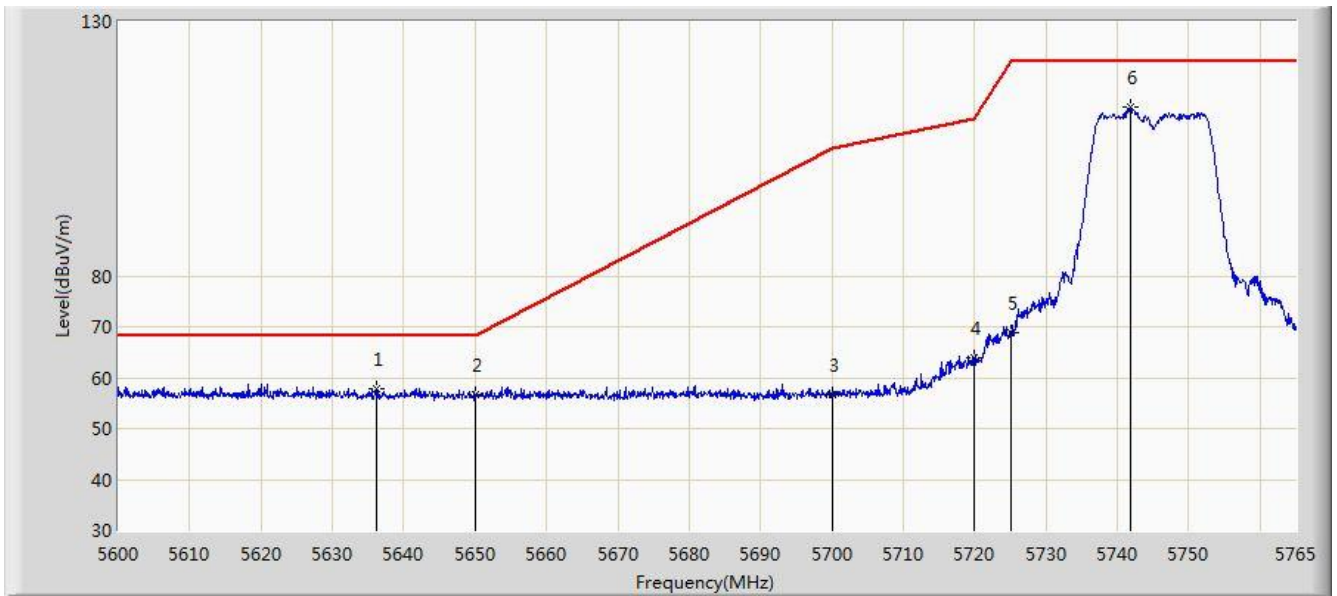


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5645.540	58.731	54.075	-9.469	68.200	4.657	PK
2			5650.000	56.924	52.253	-11.276	68.200	4.671	PK
3			5700.000	58.205	53.327	-46.995	105.200	4.878	PK
4			5720.000	66.341	61.344	-44.459	110.800	4.997	PK
5			5725.000	73.641	68.612	-48.559	122.200	5.029	PK
6		*	5750.562	115.361	110.175	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: 2017/10/17 - 21:01
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 + 1 (CDD Mode)	

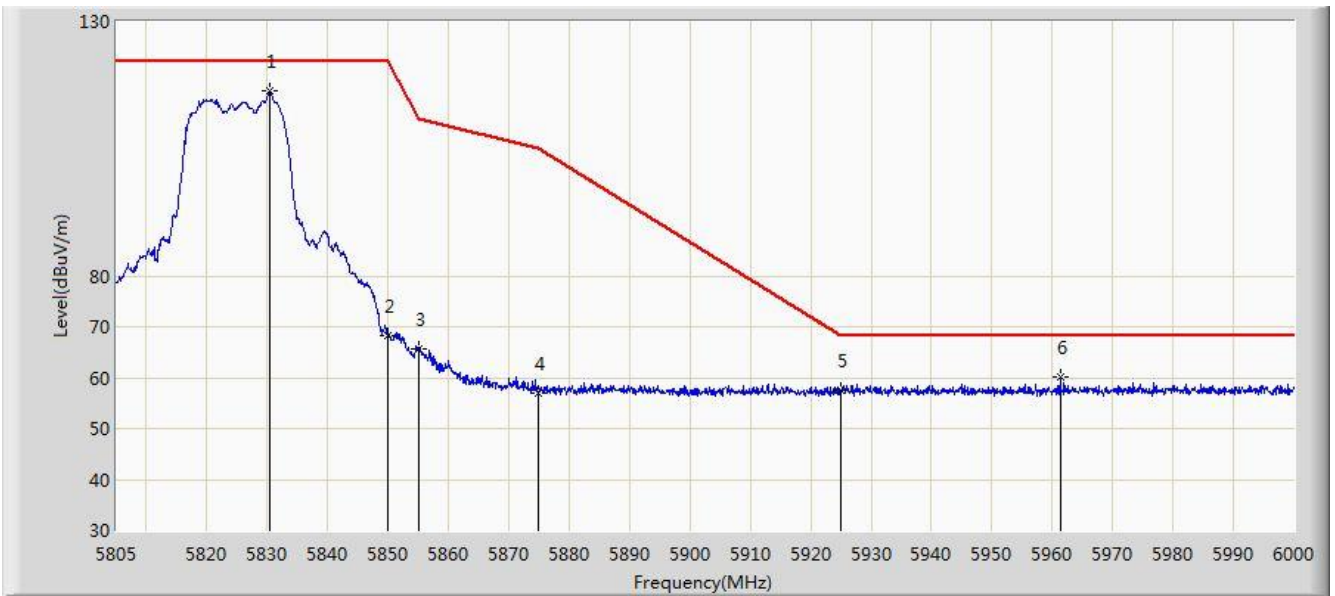


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5636.135	57.844	53.217	-10.356	68.200	4.627	PK
2			5650.000	56.551	51.880	-11.649	68.200	4.671	PK
3			5700.000	56.569	51.691	-48.631	105.200	4.878	PK
4			5720.000	63.787	58.790	-47.013	110.800	4.997	PK
5			5725.000	68.816	63.787	-53.384	122.200	5.029	PK
6		*	5741.900	113.090	107.953	N/A	N/A	5.137	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: 2017/10/17 - 21:02
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0 + 1 (CDD Mode)	

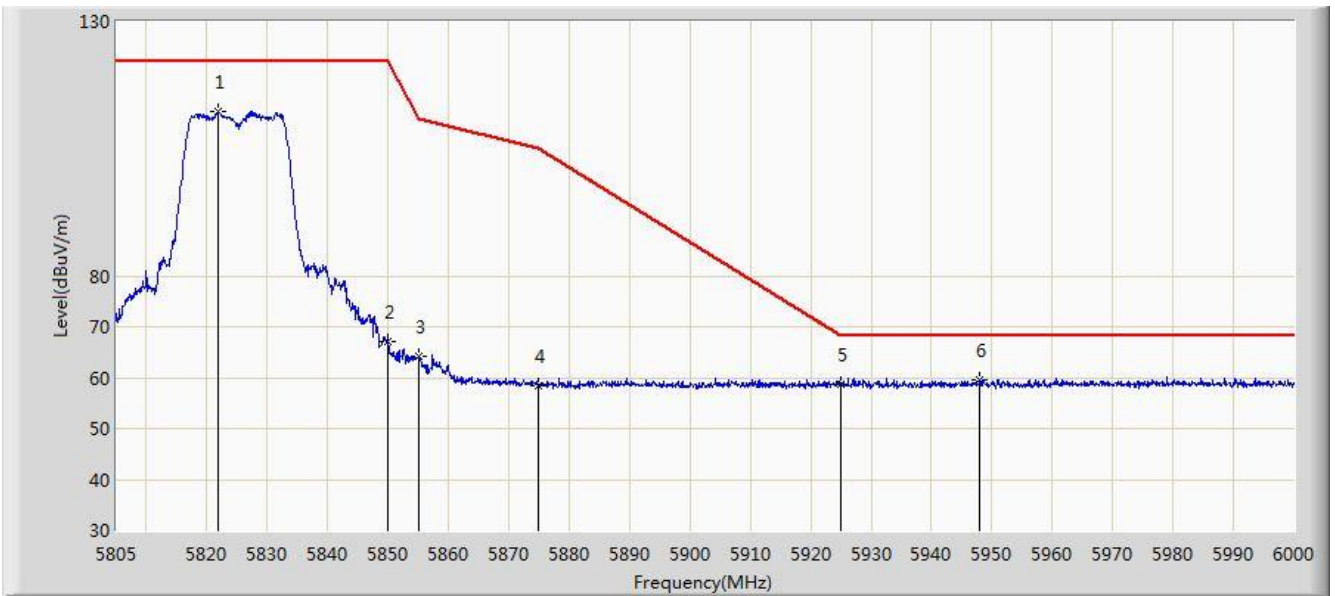


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.350	116.350	110.731	N/A	N/A	5.620	PK
2			5850.000	68.200	62.474	-54.000	122.200	5.726	PK
3			5855.000	65.550	59.804	-45.250	110.800	5.746	PK
4			5875.000	56.814	50.994	-48.386	105.200	5.820	PK
5			5925.000	57.656	51.690	-10.544	68.200	5.967	PK
6			5961.292	60.096	54.050	-8.104	68.200	6.047	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: 2017/10/17 - 21:04
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0 + 1 (CDD Mode)	

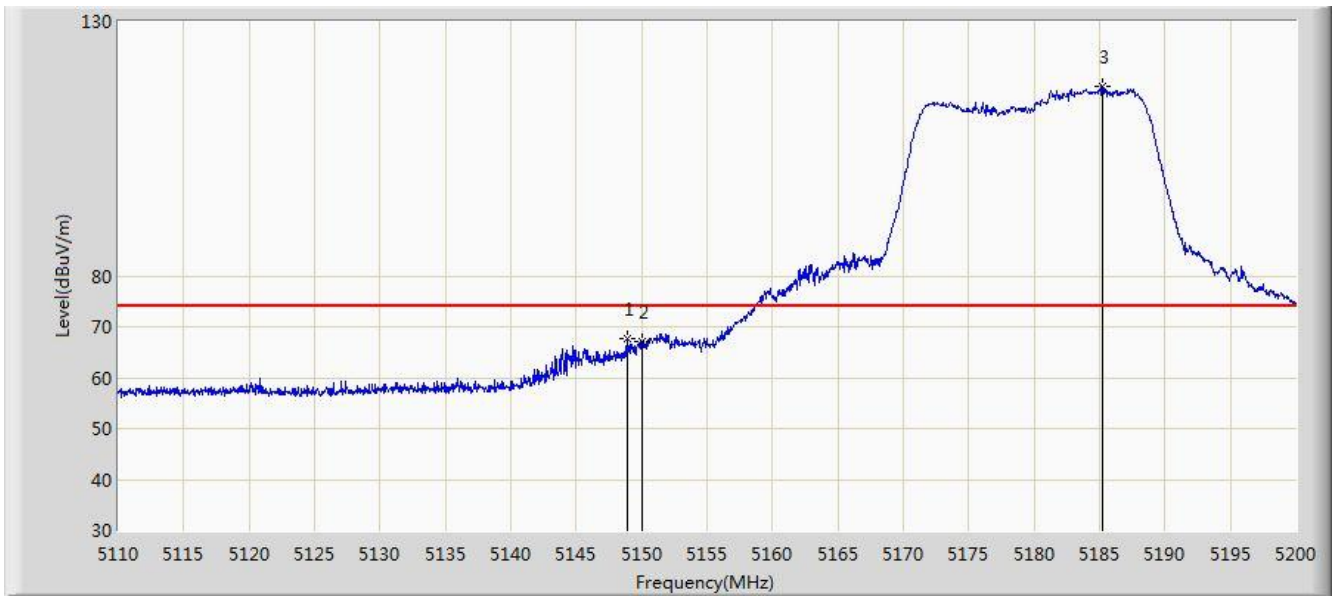


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.965	112.362	106.792	N/A	N/A	5.570	PK
2			5850.000	67.149	61.423	-55.051	122.200	5.726	PK
3			5855.000	64.077	58.331	-46.723	110.800	5.746	PK
4			5875.000	58.419	52.599	-46.781	105.200	5.820	PK
5			5925.000	58.761	52.795	-9.439	68.200	5.967	PK
6			5947.935	59.702	53.680	-8.498	68.200	6.023	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: 2017/10/17 - 21:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

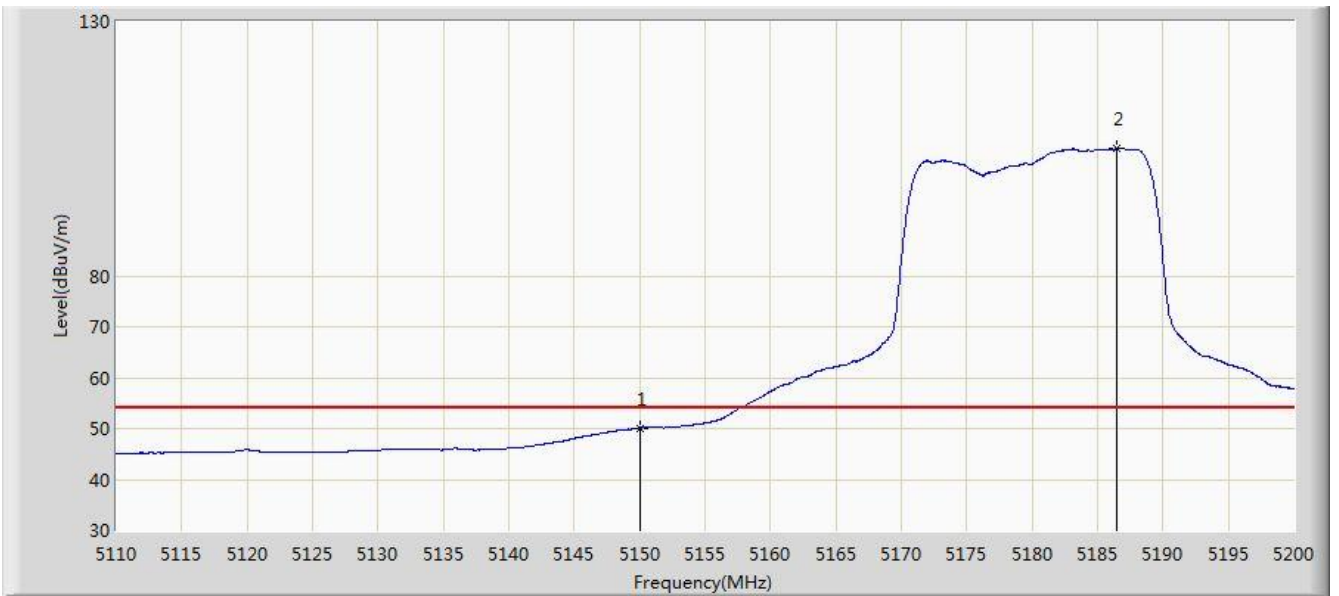


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.880	67.602	63.429	-6.398	74.000	4.173	PK
2			5150.000	67.055	62.886	-6.945	74.000	4.170	PK
3		*	5185.240	117.131	113.081	N/A	N/A	4.050	PK

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

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

Site: AC1	Time: 2017/10/17 - 21:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

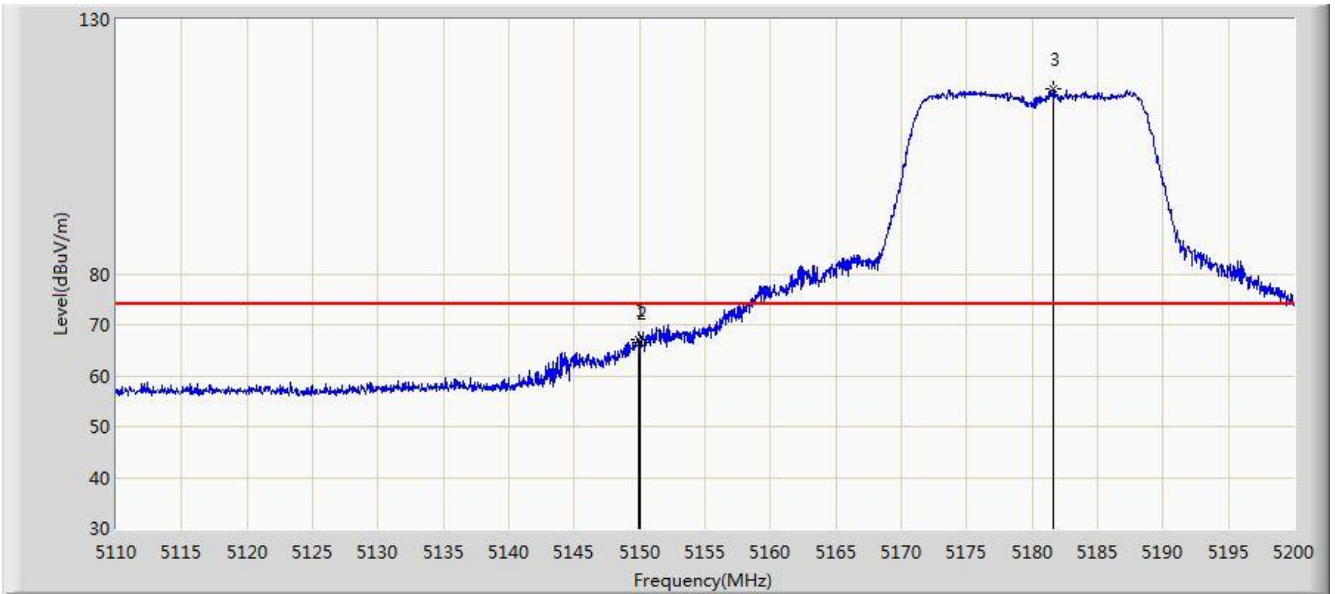


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.100	45.931	-3.900	54.000	4.170	AV
2		*	5186.500	105.027	100.981	N/A	N/A	4.046	AV

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

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

Site: AC1	Time: 2017/10/17 - 21:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

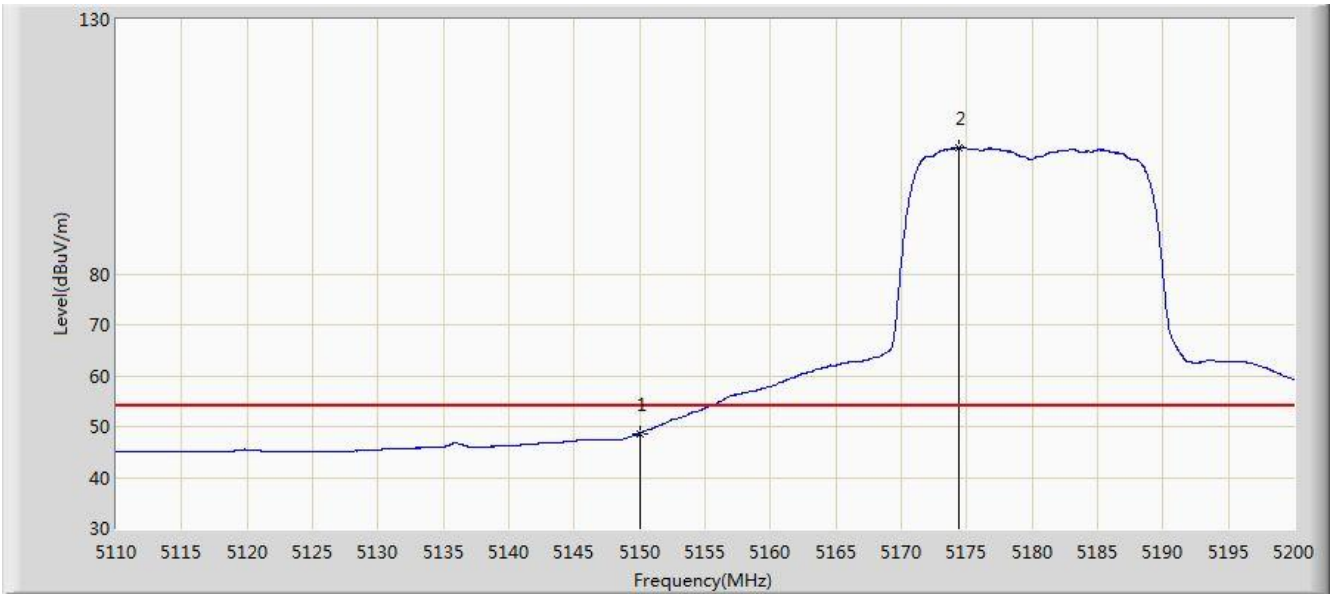


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.870	67.126	62.956	-6.874	74.000	4.170	PK
2			5150.000	66.606	62.437	-7.394	74.000	4.170	PK
3		*	5181.595	116.317	112.254	N/A	N/A	4.063	PK

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

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

Site: AC1	Time: 2017/10/17 - 21:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

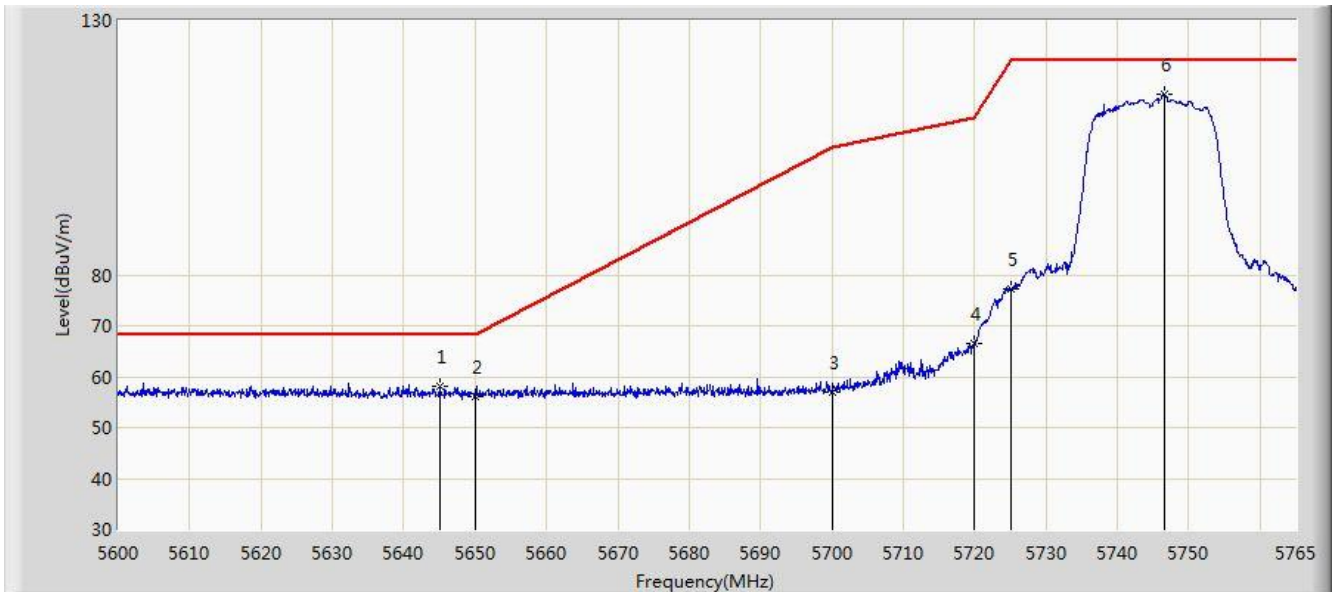


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.681	44.512	-5.319	54.000	4.170	AV
2		*	5174.350	104.852	100.763	N/A	N/A	4.088	AV

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

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

Site: AC1	Time: 2017/10/17 - 22:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0 + 1 (CDD Mode)	

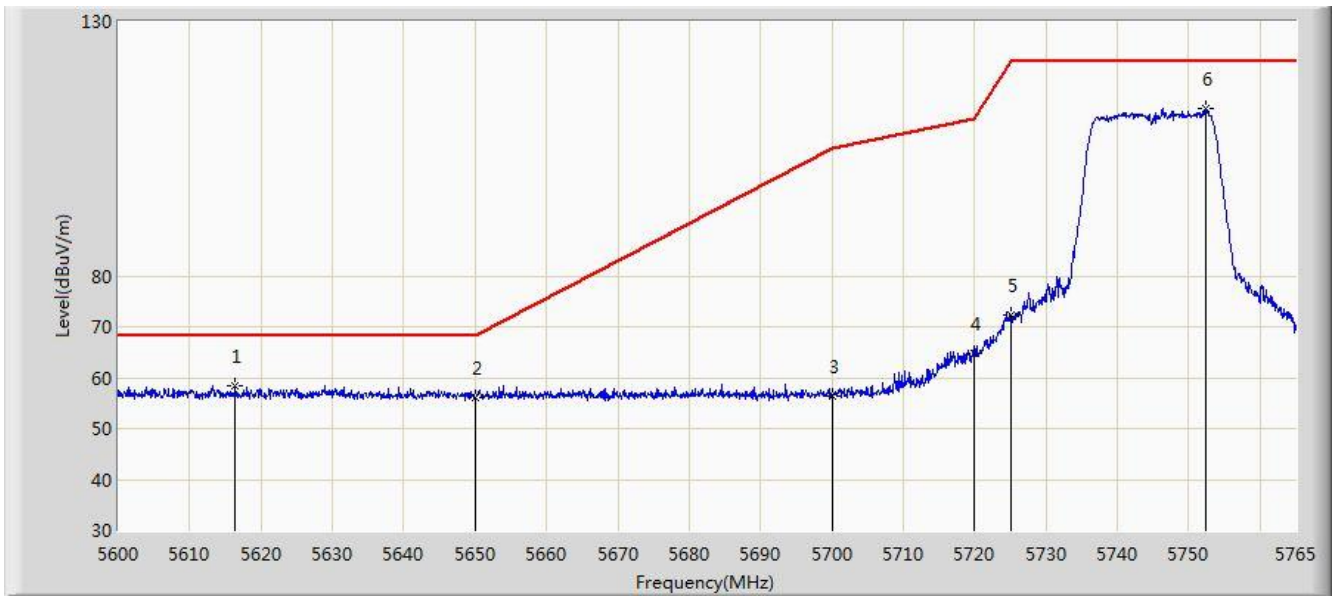


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5645.045	58.196	53.542	-10.004	68.200	4.654	PK
2			5650.000	56.058	51.387	-12.142	68.200	4.671	PK
3			5700.000	56.927	52.049	-48.273	105.200	4.878	PK
4			5720.000	66.533	61.536	-44.267	110.800	4.997	PK
5			5725.000	77.390	72.361	-44.810	122.200	5.029	PK
6		*	5746.685	115.539	110.374	N/A	N/A	5.165	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: 2017/10/17 - 22:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0 + 1 (CDD Mode)	

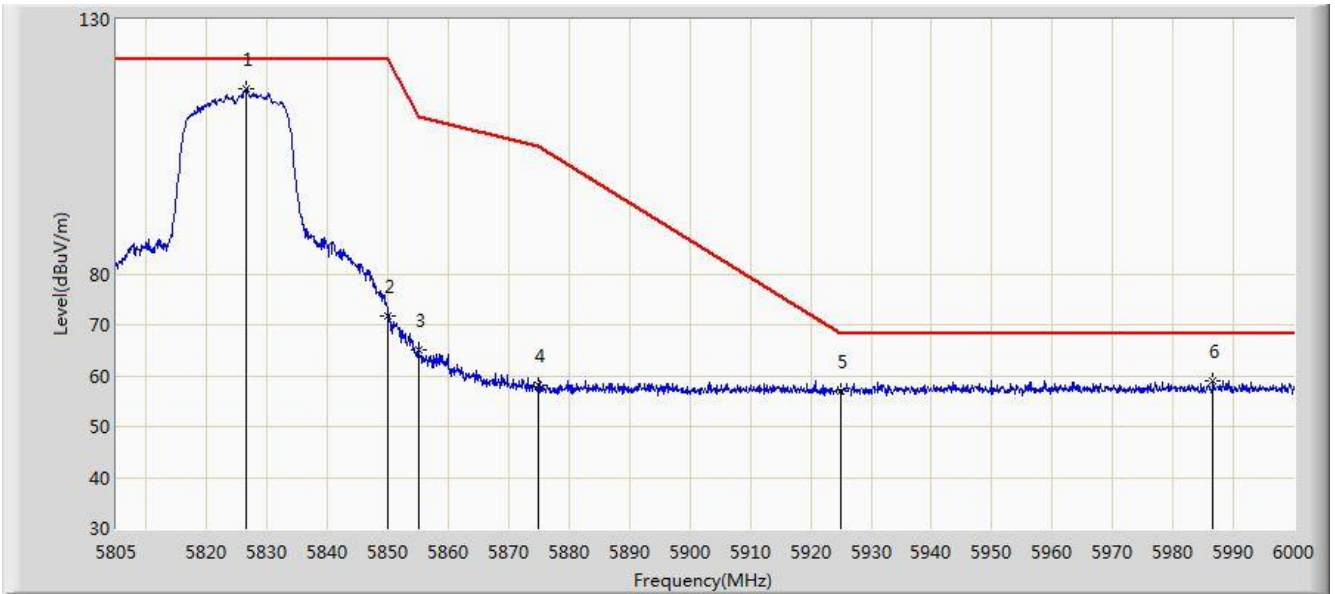


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5616.417	58.476	53.906	-9.724	68.200	4.569	PK
2			5650.000	56.180	51.509	-12.020	68.200	4.671	PK
3			5700.000	56.418	51.540	-48.782	105.200	4.878	PK
4			5720.000	64.784	59.787	-46.016	110.800	4.997	PK
5			5725.000	72.231	67.202	-49.969	122.200	5.029	PK
6		*	5752.460	113.042	107.845	N/A	N/A	5.198	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: 2017/10/17 - 22:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0 + 1 (CDD Mode)	

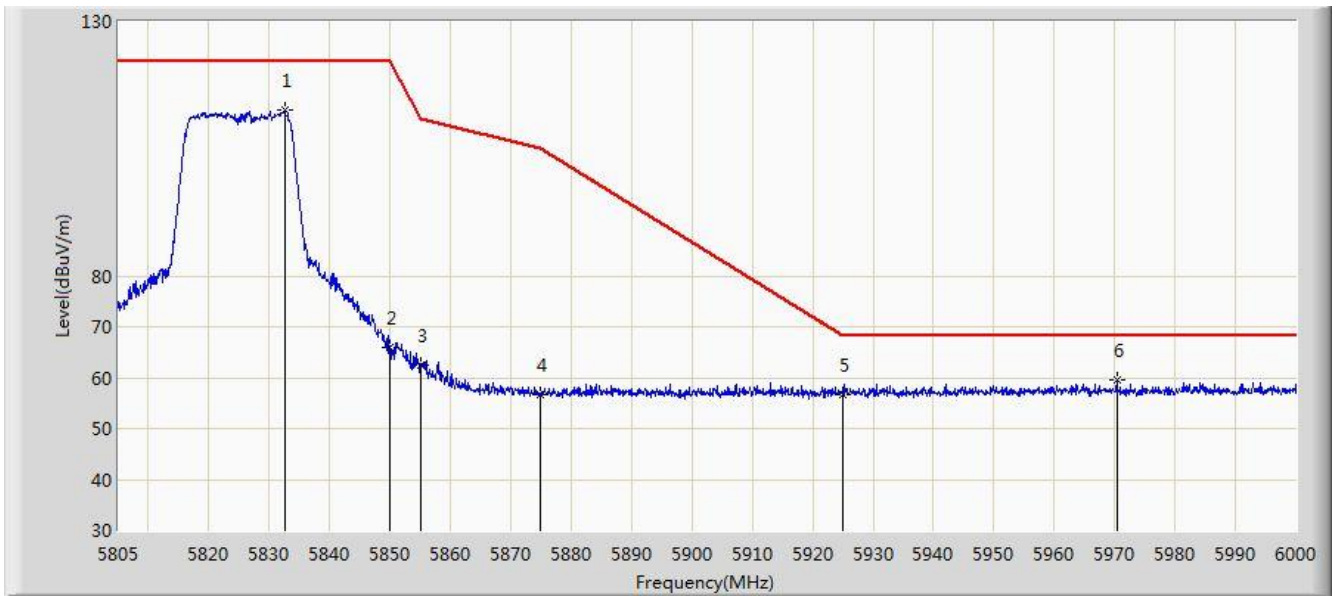


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.450	116.421	110.825	N/A	N/A	5.596	PK
2			5850.000	71.838	66.112	-50.362	122.200	5.726	PK
3			5855.000	65.168	59.422	-45.632	110.800	5.746	PK
4			5875.000	58.247	52.427	-46.953	105.200	5.820	PK
5			5925.000	56.909	50.943	-11.291	68.200	5.967	PK
6			5986.643	59.057	52.968	-9.143	68.200	6.089	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: 2017/10/17 - 22:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0 + 1 (CDD Mode)	

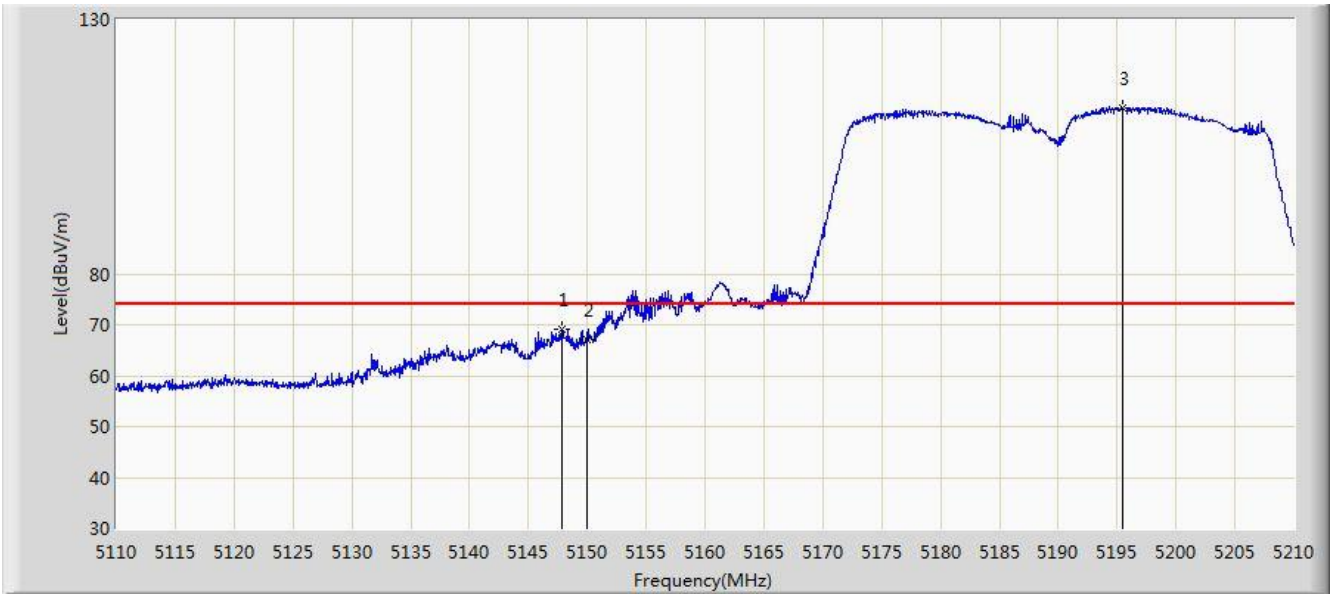


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5832.495	112.710	107.078	N/A	N/A	5.631	PK
2			5850.000	66.009	60.283	-56.191	122.200	5.726	PK
3			5855.000	62.443	56.697	-48.357	110.800	5.746	PK
4			5875.000	56.767	50.947	-48.433	105.200	5.820	PK
5			5925.000	56.720	50.754	-11.480	68.200	5.967	PK
6			5970.360	59.634	53.573	-8.566	68.200	6.061	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: 2017/10/17 - 22:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1 (CDD Mode)	

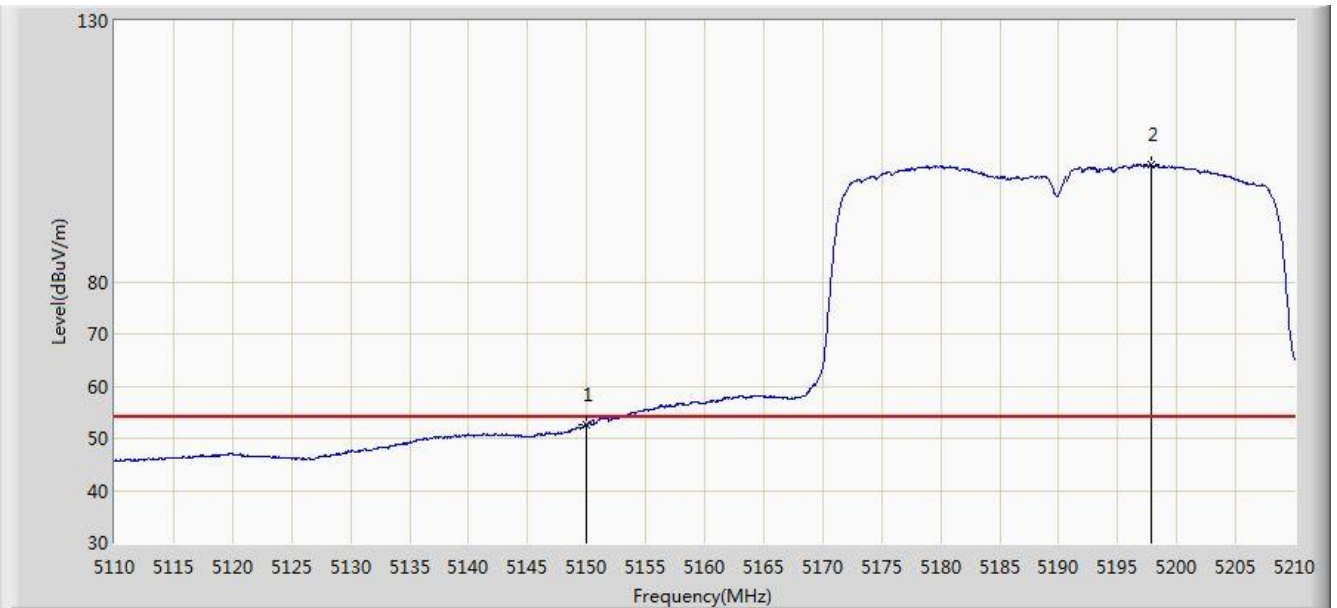


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.800	69.022	64.846	-4.978	74.000	4.176	PK
2			5150.000	67.022	62.853	-6.978	74.000	4.170	PK
3		*	5195.450	112.699	108.685	N/A	N/A	4.014	PK

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: 2017/10/17 - 22:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1 (CDD Mode)	

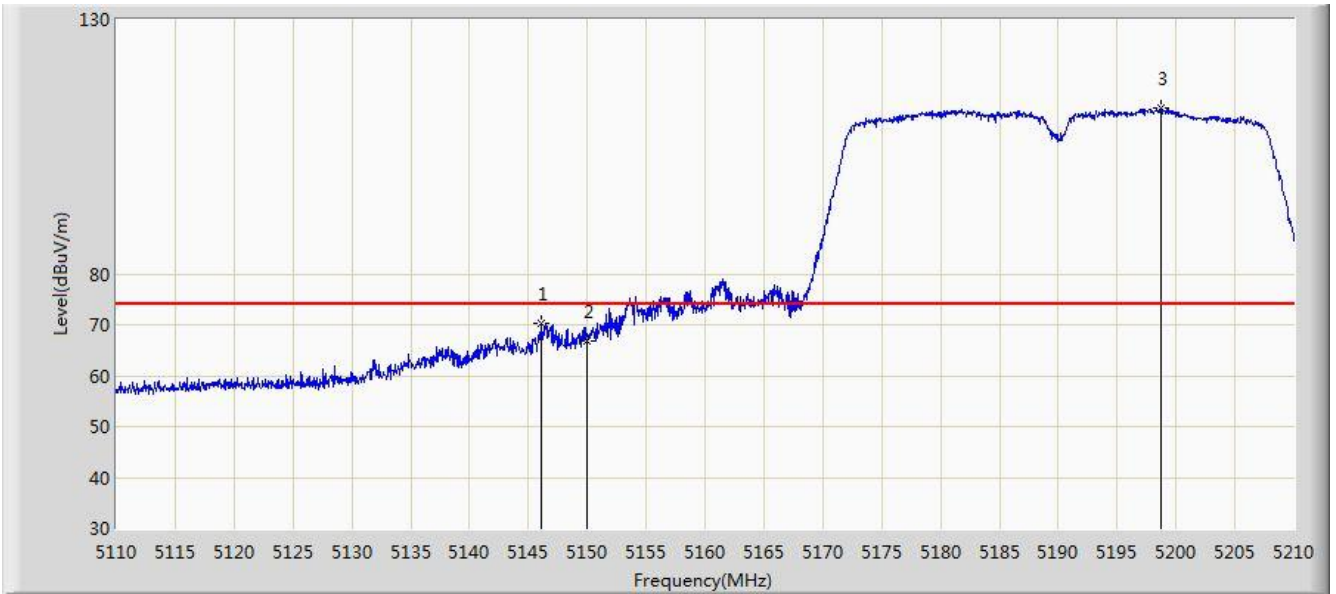


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.561	48.392	-1.439	54.000	4.170	AV
2			5197.800	102.398	98.392	N/A	N/A	4.005	AV

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

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

Site: AC1	Time: 2017/10/17 - 22:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1 (CDD Mode)	

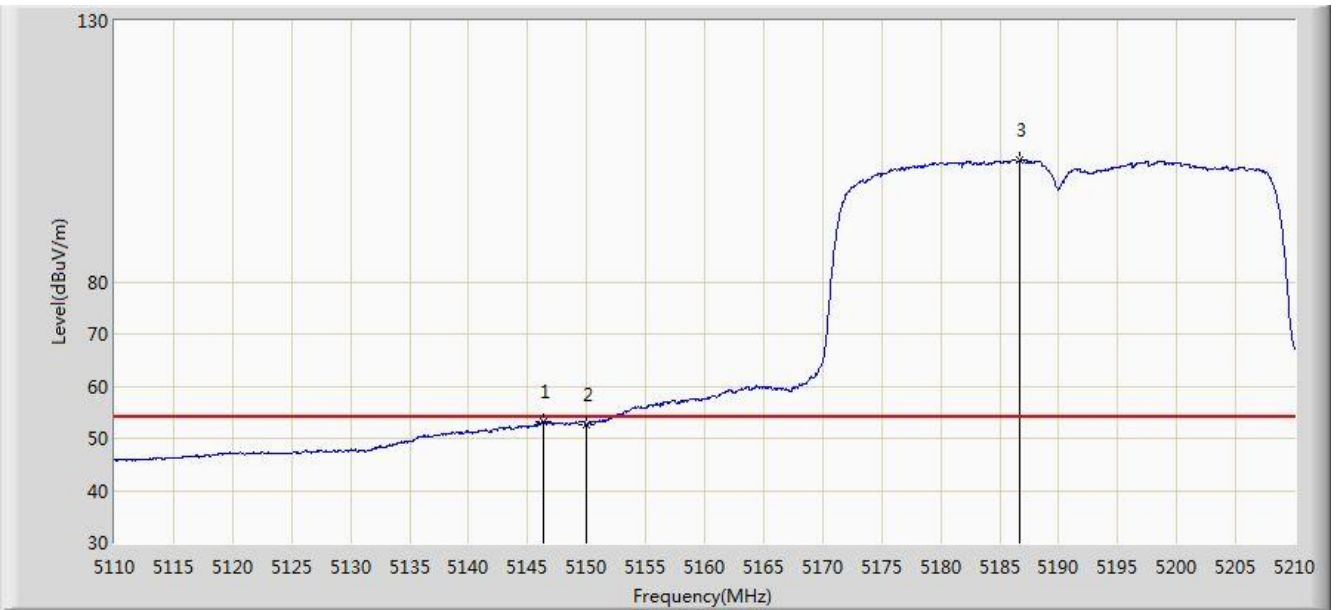


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.050	70.246	66.070	-3.754	74.000	4.175	PK
2			5150.000	66.831	62.662	-7.169	74.000	4.170	PK
3		*	5198.700	112.596	108.593	N/A	N/A	4.002	PK

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: 2017/10/17 - 22:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1 (CDD Mode)	

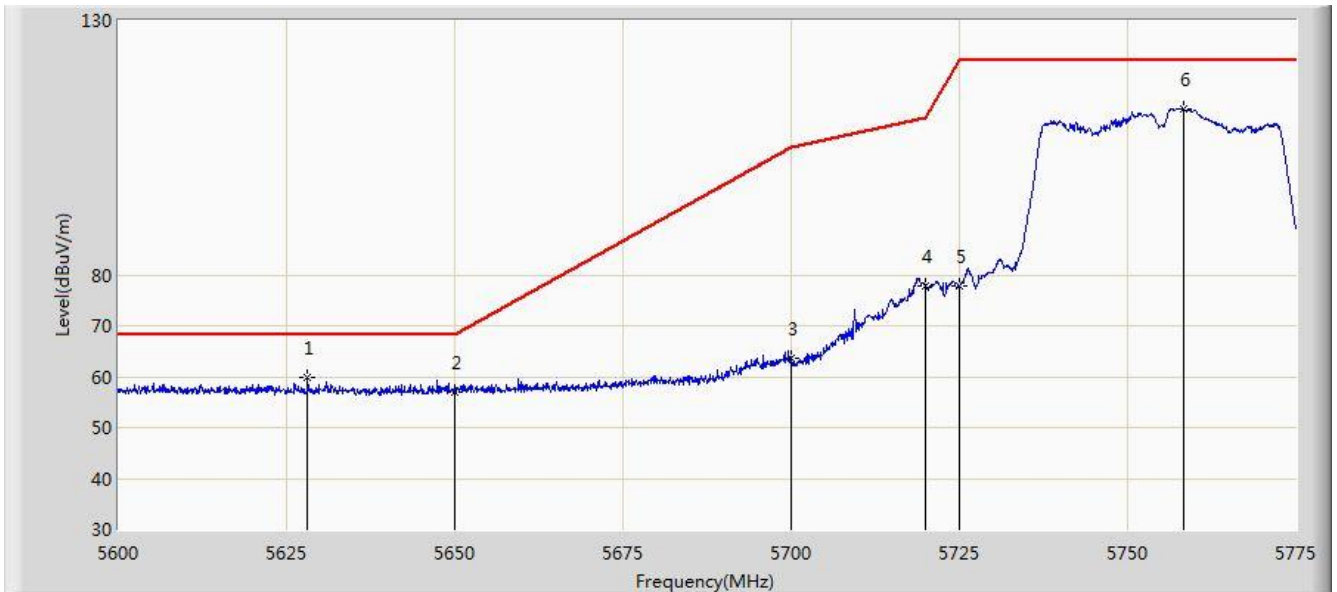


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.350	53.189	49.013	-0.811	54.000	4.176	AV
2			5150.000	52.653	48.484	-1.347	54.000	4.170	AV
3			5186.750	103.319	99.274	N/A	N/A	4.045	AV

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

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

Site: AC1	Time: 2017/10/17 - 23:10
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 + 1 (CDD Mode)	

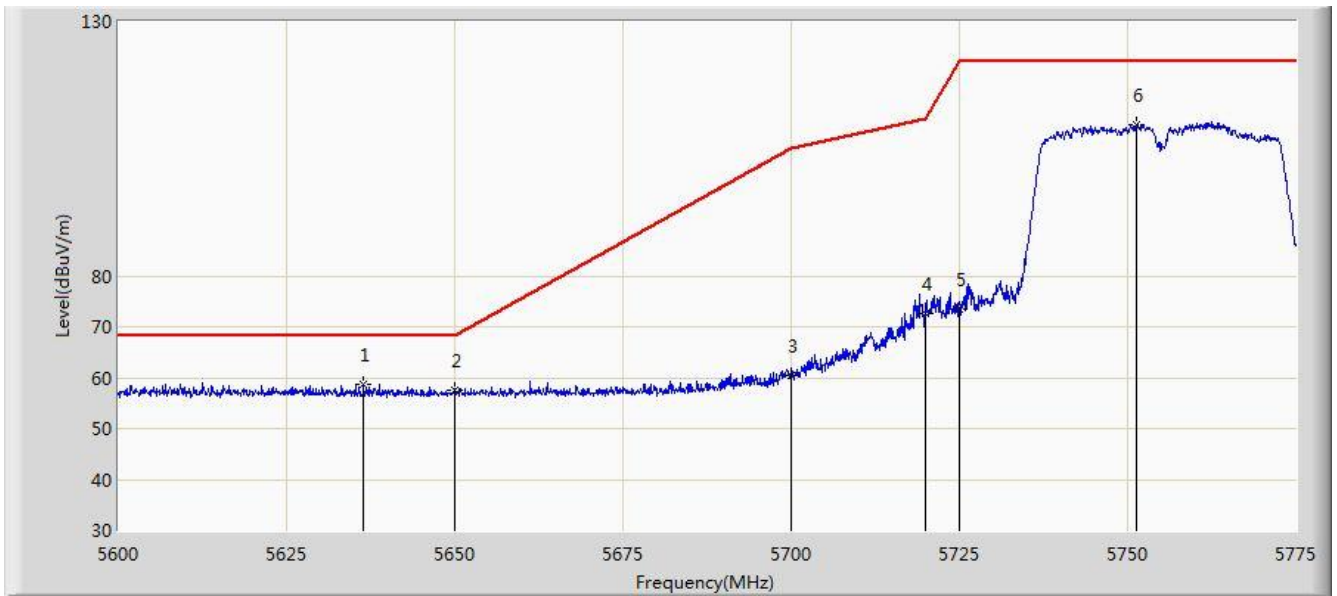


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5628.175	59.716	55.112	-8.484	68.200	4.604	PK
2			5650.000	57.040	52.369	-11.160	68.200	4.671	PK
3			5700.000	63.571	58.693	-41.629	105.200	4.878	PK
4			5720.000	77.911	72.914	-32.889	110.800	4.997	PK
5			5725.000	77.726	72.697	-44.474	122.200	5.029	PK
6		*	5758.288	112.544	107.314	N/A	N/A	5.230	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: 2017/10/17 - 23:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 + 1 (CDD Mode)	

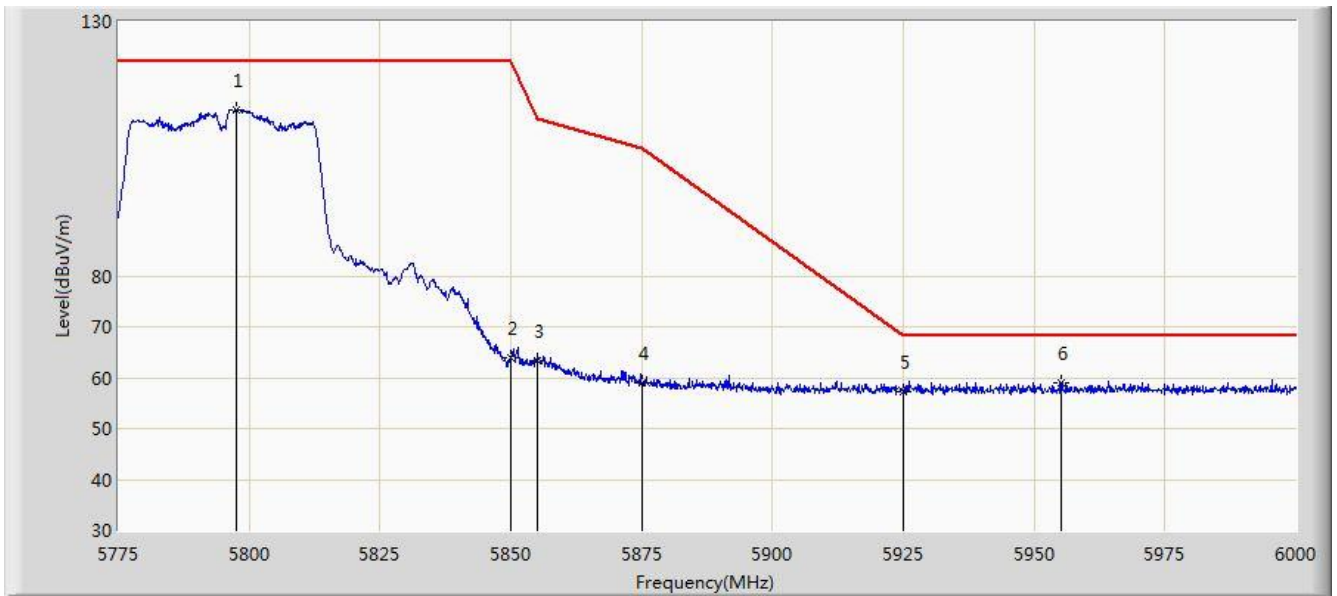


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5636.487	58.695	54.067	-9.505	68.200	4.627	PK
2			5650.000	57.572	52.901	-10.628	68.200	4.671	PK
3			5700.000	60.572	55.694	-44.628	105.200	4.878	PK
4			5720.000	72.531	67.534	-38.269	110.800	4.997	PK
5			5725.000	73.531	68.502	-48.669	122.200	5.029	PK
6		*	5751.375	109.664	104.473	N/A	N/A	5.191	PK

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

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

Site: AC1	Time: 2017/10/17 - 23:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 + 1 (CDD Mode)	

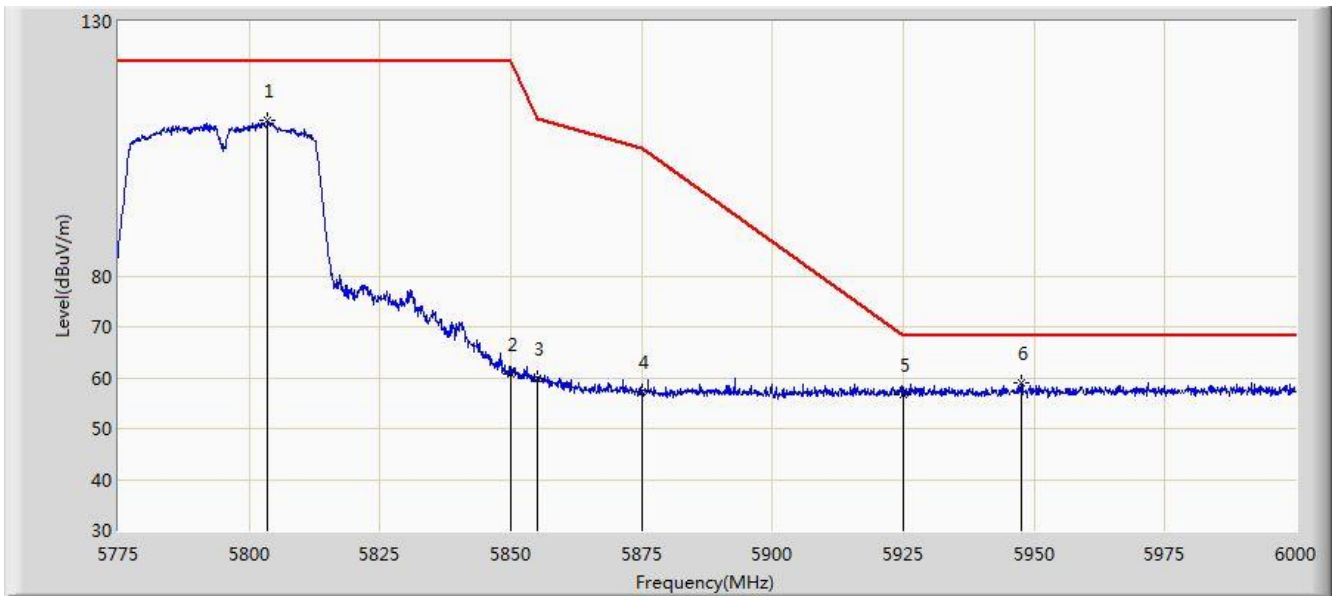


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5797.612	112.629	107.197	N/A	N/A	5.431	PK
2			5850.000	63.914	58.188	-58.286	122.200	5.726	PK
3			5855.000	63.433	57.687	-47.367	110.800	5.746	PK
4			5875.000	59.103	53.283	-46.097	105.200	5.820	PK
5			5925.000	57.294	51.328	-10.906	68.200	5.967	PK
6			5955.225	59.110	53.074	-9.090	68.200	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: 2017/10/17 - 23:22
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 + 1 (CDD Mode)	

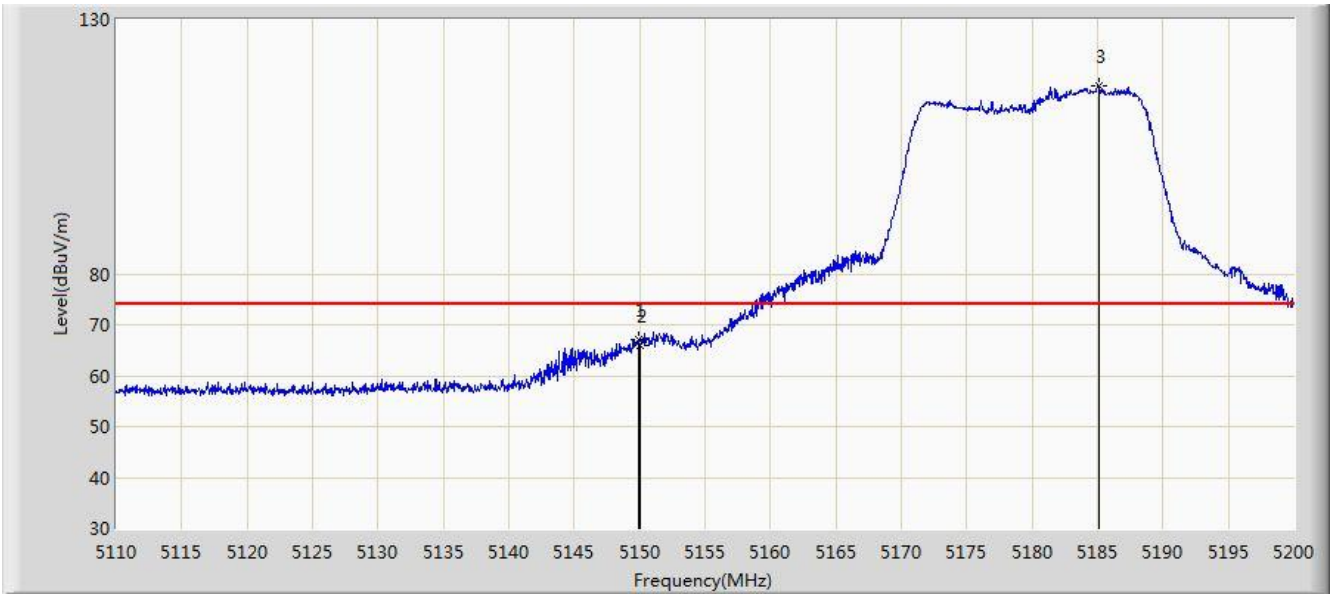


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5803.575	110.466	105.001	N/A	N/A	5.464	PK
2			5850.000	60.798	55.072	-61.402	122.200	5.726	PK
3			5855.000	59.933	54.187	-50.867	110.800	5.746	PK
4			5875.000	57.318	51.498	-47.882	105.200	5.820	PK
5			5925.000	56.708	50.742	-11.492	68.200	5.967	PK
6			5947.687	58.988	52.966	-9.212	68.200	6.021	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: 2017/10/17 - 23:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

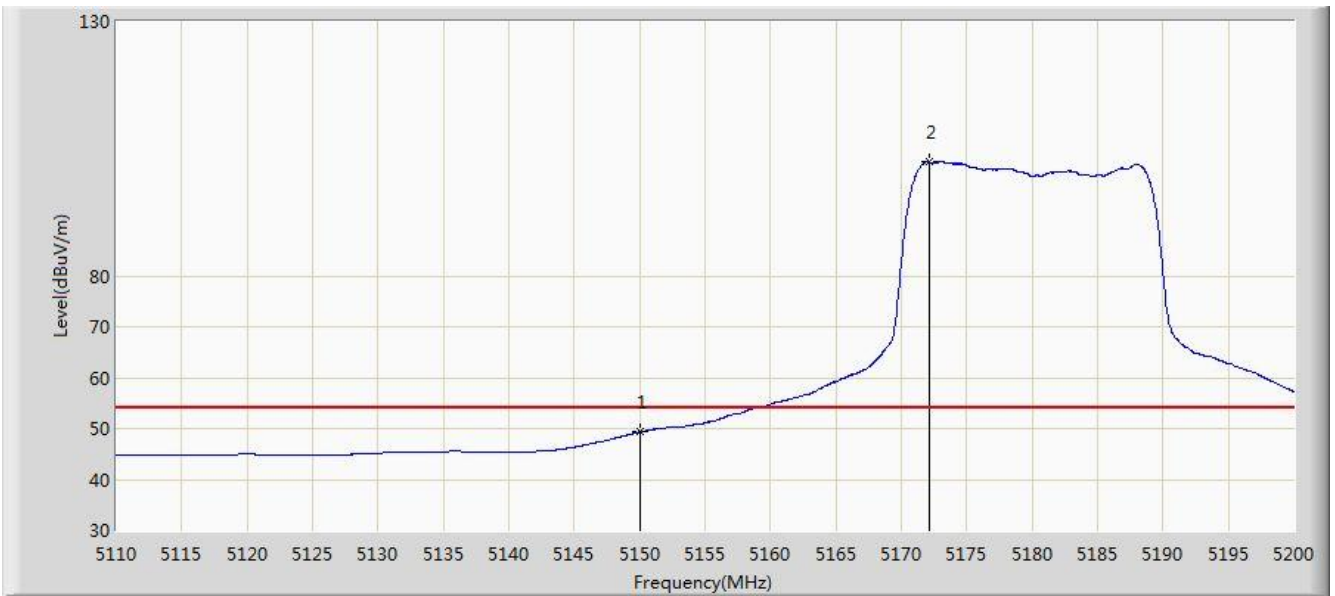


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.915	67.142	62.972	-6.858	74.000	4.170	PK
2			5150.000	65.999	61.830	-8.001	74.000	4.170	PK
3		*	5185.150	117.056	113.005	N/A	N/A	4.050	PK

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: 2017/10/17 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

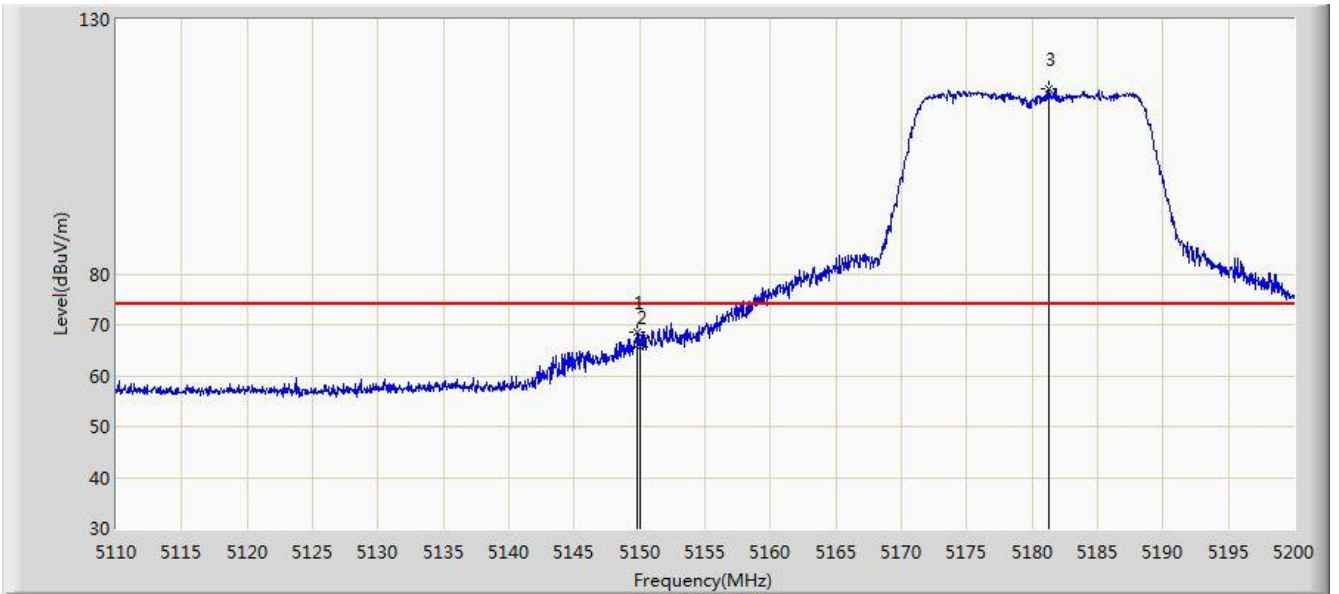


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.317	45.148	-4.683	54.000	4.170	AV
2		*	5172.100	102.378	98.281	N/A	N/A	4.097	AV

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: 2017/10/17 - 23:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

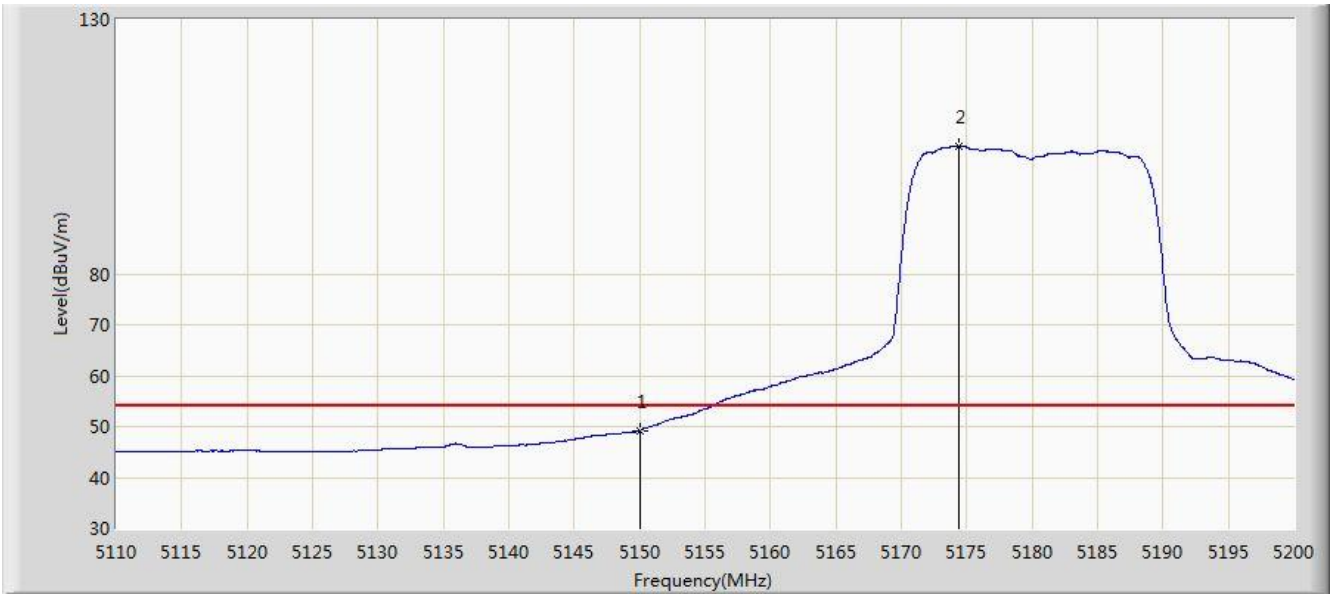


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.780	68.615	64.445	-5.385	74.000	4.169	PK
2			5150.000	65.538	61.369	-8.462	74.000	4.170	PK
3		*	5181.325	116.450	112.386	N/A	N/A	4.064	PK

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

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

Site: AC1	Time: 2017/10/17 - 23:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 (CDD Mode)	

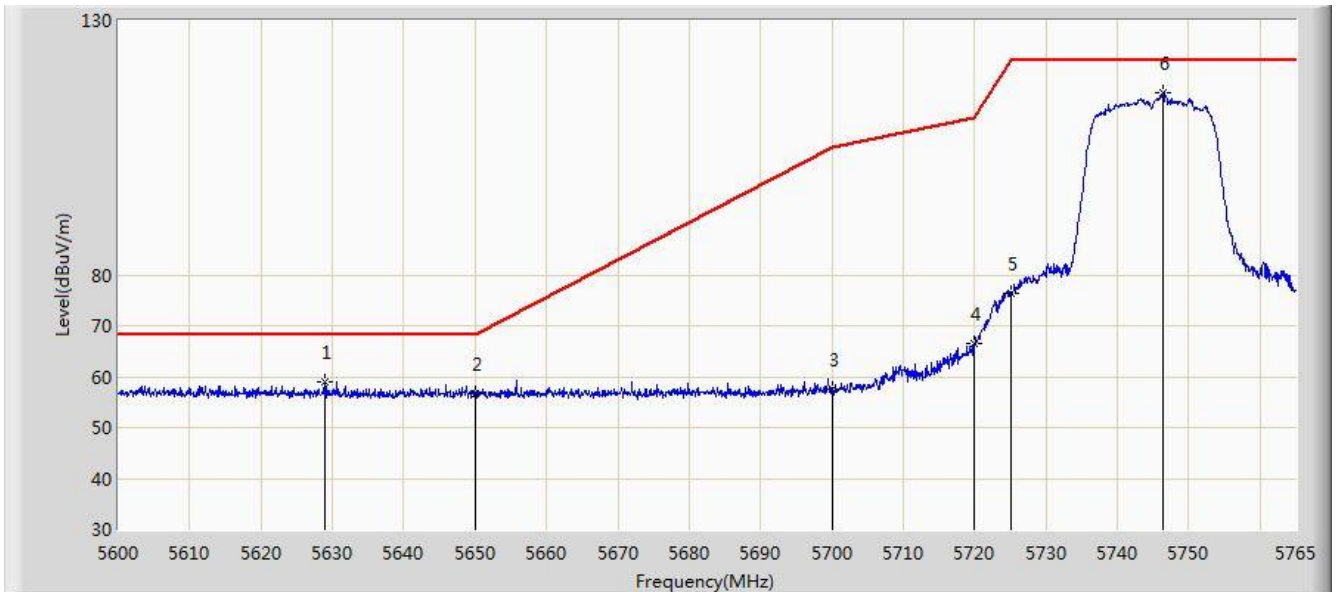


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.194	45.025	-4.806	54.000	4.170	AV
2		*	5174.350	105.062	100.973	N/A	N/A	4.088	AV

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: 2017/10/17 - 23:45
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 (CDD Mode)	

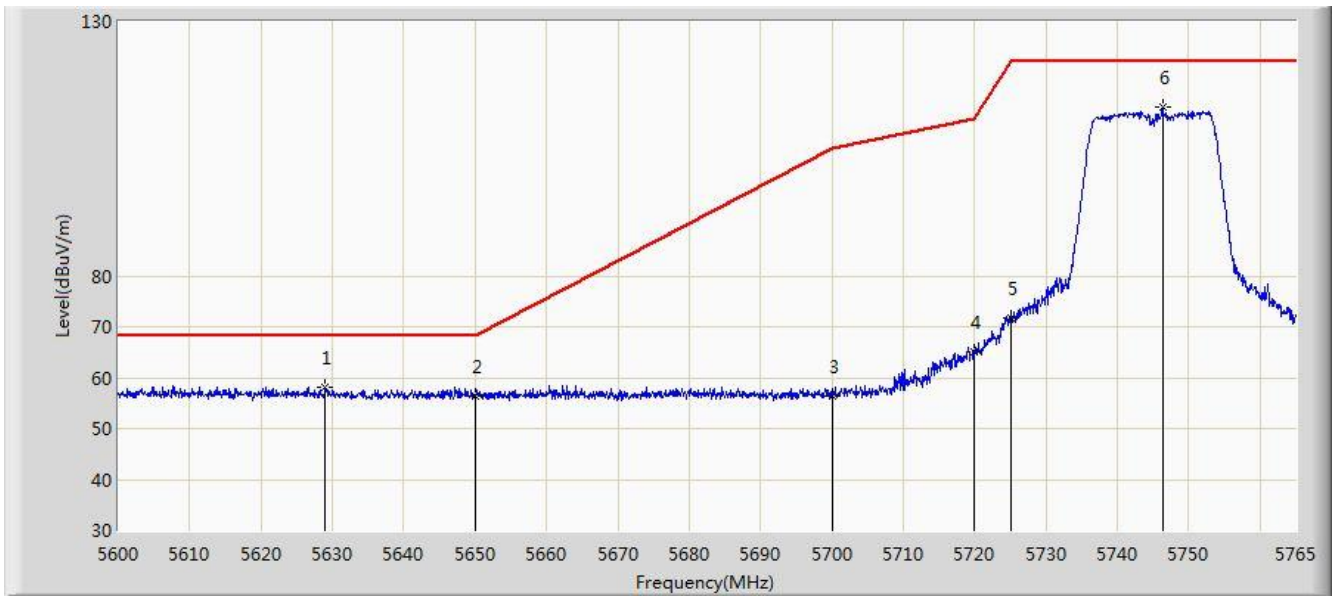


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5628.875	58.914	54.308	-9.286	68.200	4.606	PK
2			5650.000	56.769	52.098	-11.431	68.200	4.671	PK
3			5700.000	57.405	52.527	-47.795	105.200	4.878	PK
4			5720.000	66.449	61.452	-44.351	110.800	4.997	PK
5			5725.000	76.285	71.256	-45.915	122.200	5.029	PK
6		*	5746.437	115.742	110.579	N/A	N/A	5.163	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: 2017/10/17 - 23:47
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 (CDD Mode)	

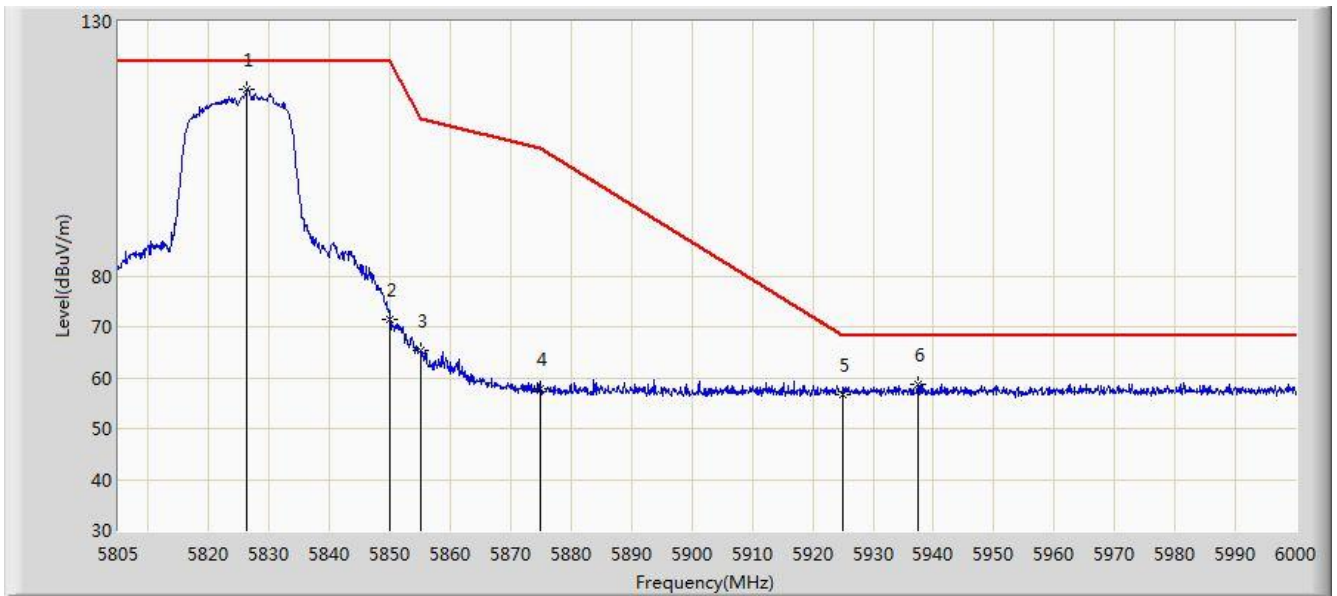


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5629.040	58.180	53.574	-10.020	68.200	4.607	PK
2			5650.000	56.336	51.665	-11.864	68.200	4.671	PK
3			5700.000	56.460	51.582	-48.740	105.200	4.878	PK
4			5720.000	65.186	60.189	-45.614	110.800	4.997	PK
5			5725.000	71.686	66.657	-50.514	122.200	5.029	PK
6		*	5746.355	113.048	107.885	N/A	N/A	5.163	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: 2017/10/17 - 23:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 (CDD Mode)	

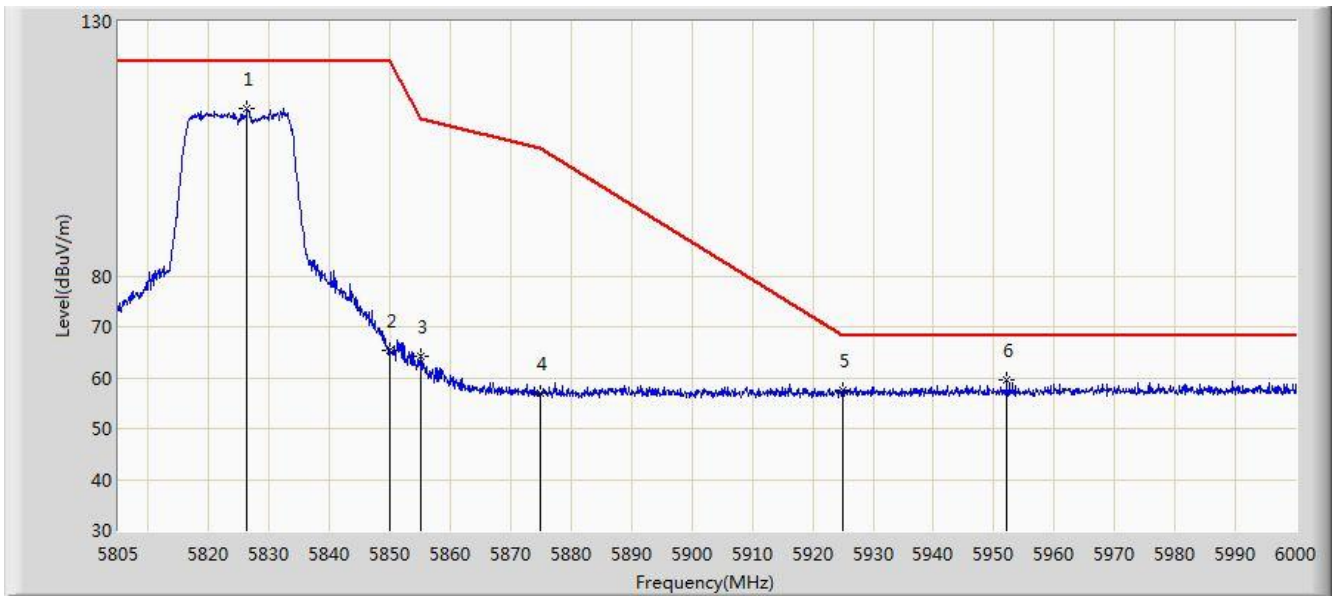


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.255	116.541	110.946	N/A	N/A	5.595	PK
2			5850.000	71.590	65.864	-50.610	122.200	5.726	PK
3			5855.000	65.317	59.571	-45.483	110.800	5.746	PK
4			5875.000	57.795	51.975	-47.405	105.200	5.820	PK
5			5925.000	56.735	50.769	-11.465	68.200	5.967	PK
6			5937.405	58.794	52.797	-9.406	68.200	5.997	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: 2017/10/17 - 23:50
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 (CDD Mode)	

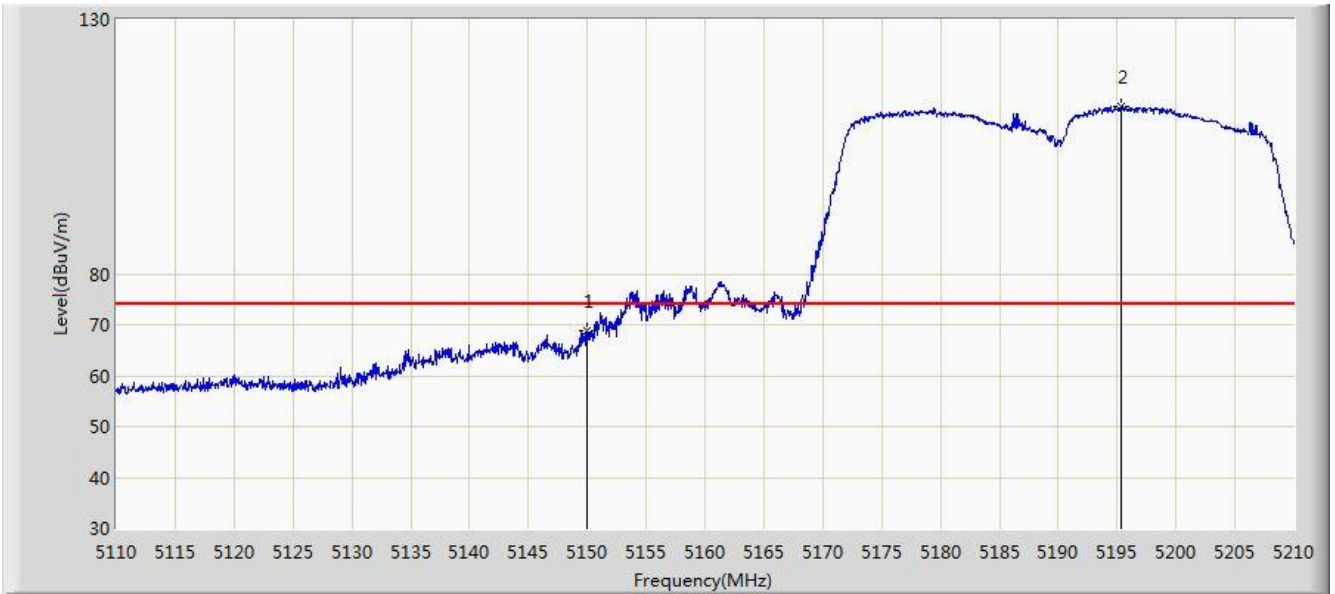


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.353	112.952	107.356	N/A	N/A	5.595	PK
2			5850.000	65.384	59.658	-56.816	122.200	5.726	PK
3			5855.000	64.203	58.457	-46.597	110.800	5.746	PK
4			5875.000	56.957	51.137	-48.243	105.200	5.820	PK
5			5925.000	57.443	51.477	-10.757	68.200	5.967	PK
6			5952.127	59.436	53.406	-8.764	68.200	6.029	PK

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

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

Site: AC1	Time: 2017/10/17 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (CDD Mode)	

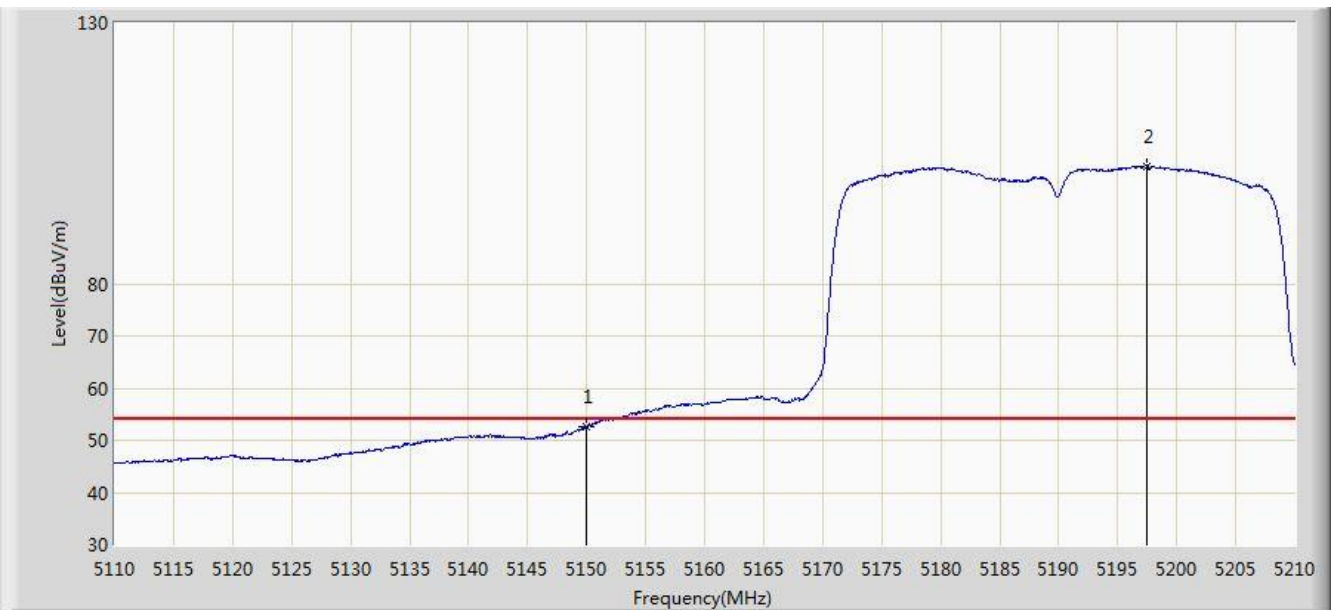


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.788	64.619	-5.212	74.000	4.170	PK
2		*	5195.400	112.771	108.757	N/A	N/A	4.013	PK

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: 2017/10/17 - 23:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (CDD Mode)	

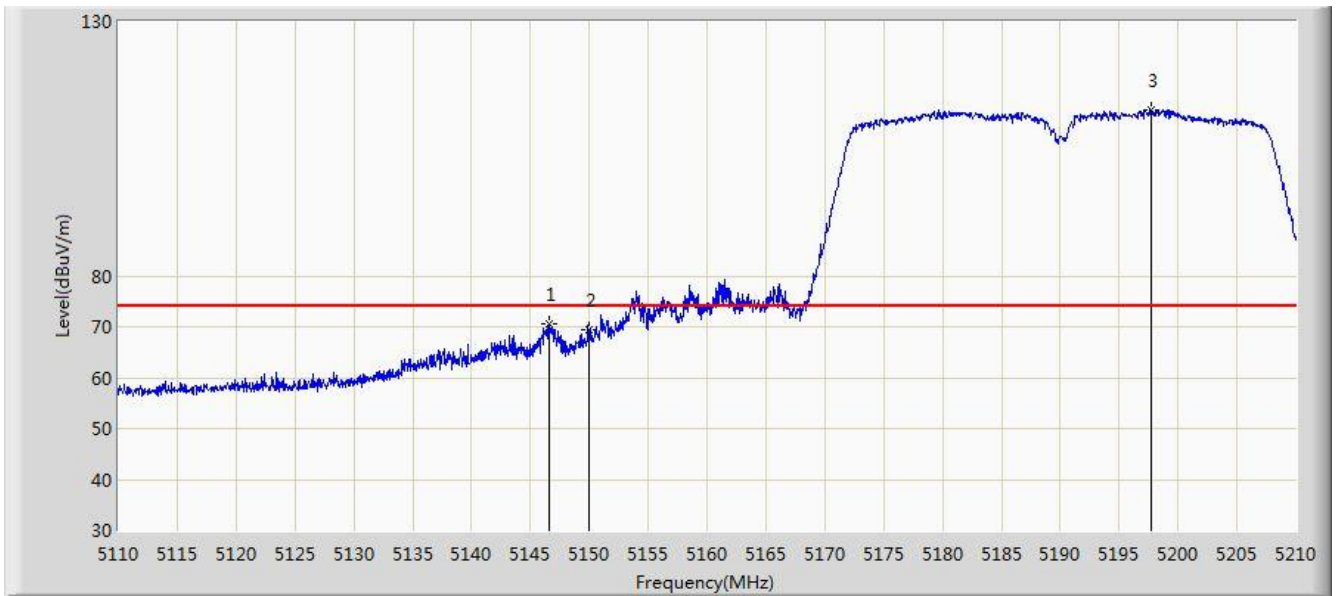


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.730	48.561	-1.270	54.000	4.170	AV
2			5197.500	102.559	98.552	N/A	N/A	4.006	AV

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

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

Site: AC1	Time: 2017/10/17 - 23:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (CDD Mode)	

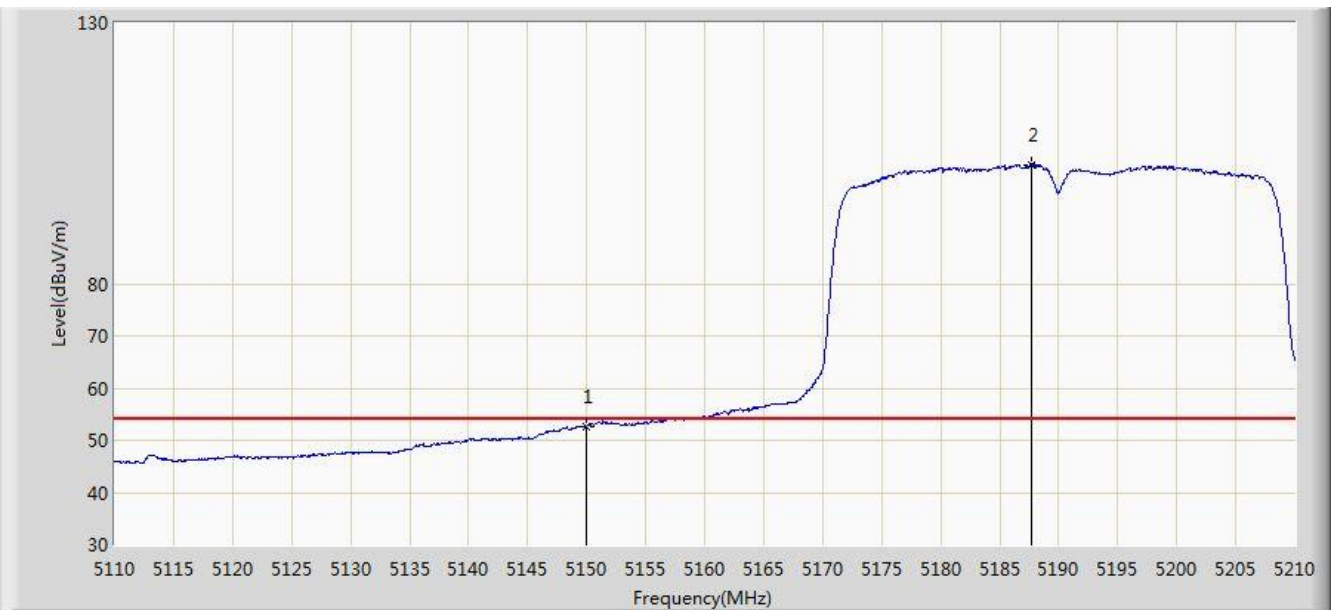


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.550	70.592	66.416	-3.408	74.000	4.176	PK
2			5150.000	69.322	65.153	-4.678	74.000	4.170	PK
3		*	5197.750	112.570	108.564	N/A	N/A	4.005	PK

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

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

Site: AC1	Time: 2017/10/17 - 23:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (CDD Mode)	

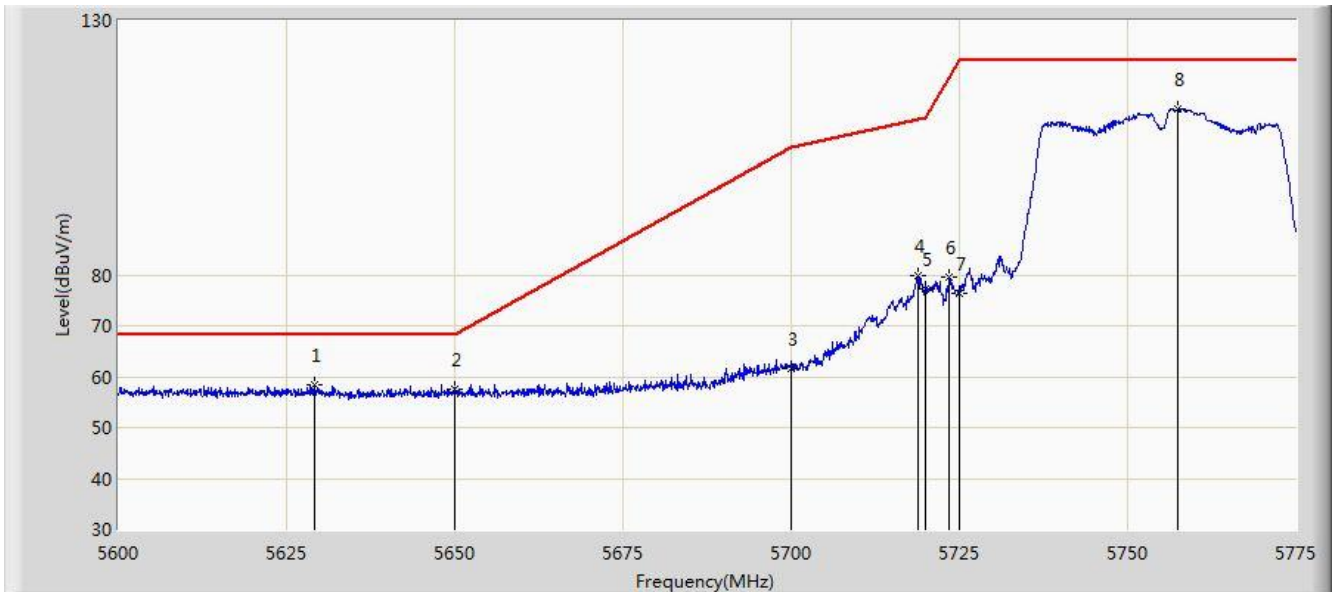


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.714	48.545	-1.286	54.000	4.170	AV
2			5187.750	102.832	98.791	N/A	N/A	4.041	AV

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

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

Site: AC1	Time: 2017/10/18 - 00:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 (CDD Mode)	

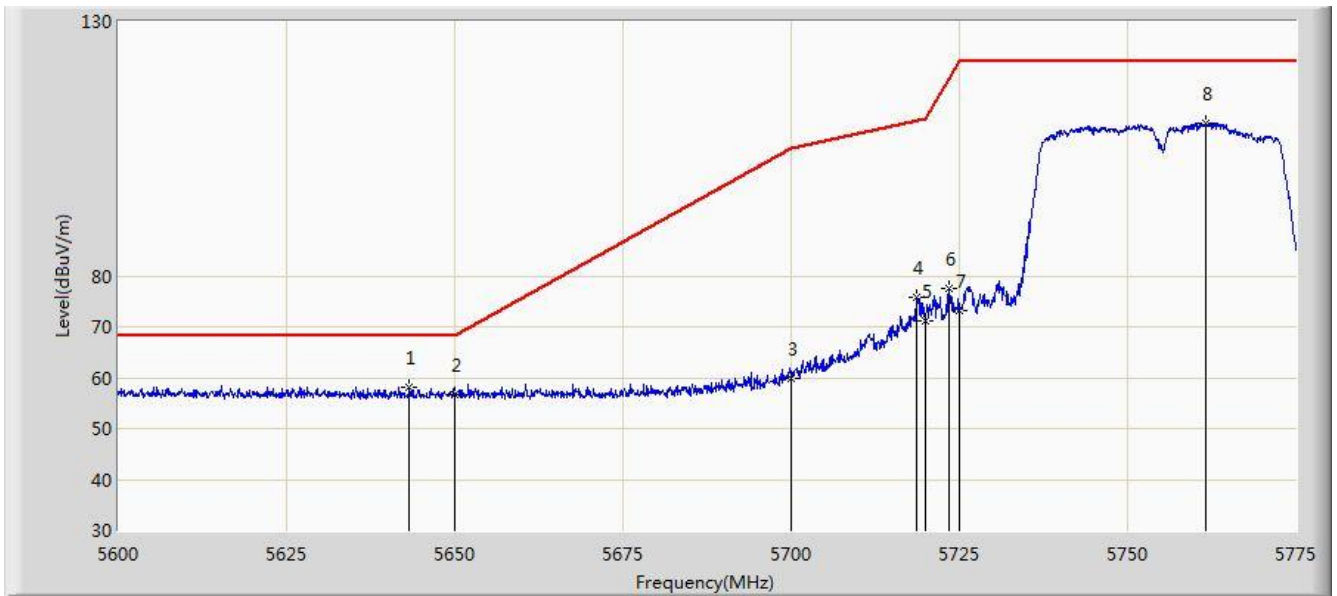


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5629.138	58.469	53.862	-9.731	68.200	4.607	PK
2			5650.000	57.451	52.780	-10.749	68.200	4.671	PK
3			5700.000	61.660	56.782	-43.540	105.200	4.878	PK
4			5718.825	79.804	74.815	-30.667	110.472	4.990	PK
5			5720.000	77.336	72.339	-33.464	110.800	4.997	PK
6			5723.550	79.493	74.473	-39.402	118.895	5.020	PK
7			5725.000	76.465	71.436	-45.735	122.200	5.029	PK
8		*	5757.500	112.741	107.515	N/A	N/A	5.226	PK

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

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

Site: AC1	Time: 2017/10/18 - 00:29
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 (CDD Mode)	

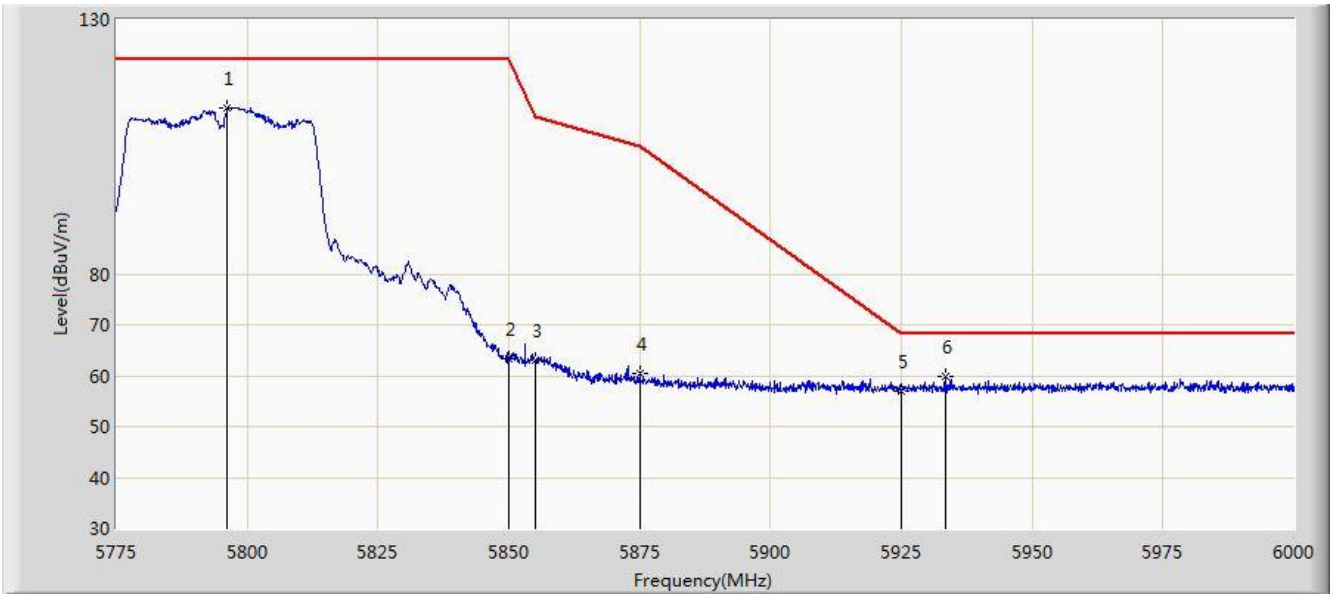


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5643.225	58.170	53.522	-10.030	68.200	4.649	PK
2			5650.000	56.796	52.125	-11.404	68.200	4.671	PK
3			5700.000	59.752	54.874	-45.448	105.200	4.878	PK
4			5718.562	75.914	70.926	-34.484	110.398	4.988	PK
5			5720.000	71.206	66.209	-39.594	110.800	4.997	PK
6			5723.462	77.397	72.378	-41.297	118.694	5.019	PK
7			5725.000	73.333	68.304	-48.867	122.200	5.029	PK
8		*	5761.612	110.084	104.836	N/A	N/A	5.248	PK

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

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

Site: AC1	Time: 2017/10/18 - 00:30
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 (CDD Mode)	

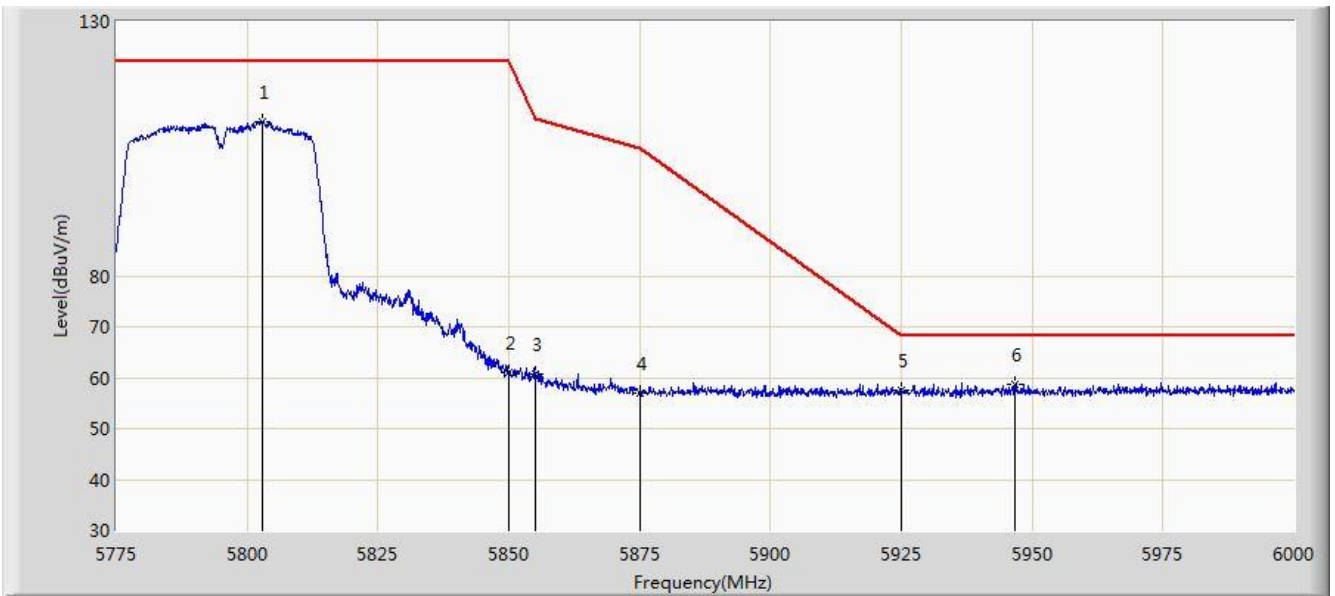


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5796.263	112.470	107.046	N/A	N/A	5.424	PK
2			5850.000	63.377	57.651	-58.823	122.200	5.726	PK
3			5855.000	63.119	57.373	-47.681	110.800	5.746	PK
4			5875.000	60.575	54.755	-44.625	105.200	5.820	PK
5			5925.000	57.070	51.104	-11.130	68.200	5.967	PK
6			5933.400	59.814	53.827	-8.386	68.200	5.988	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: 2017/10/18 - 00:32
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 (CDD Mode)	

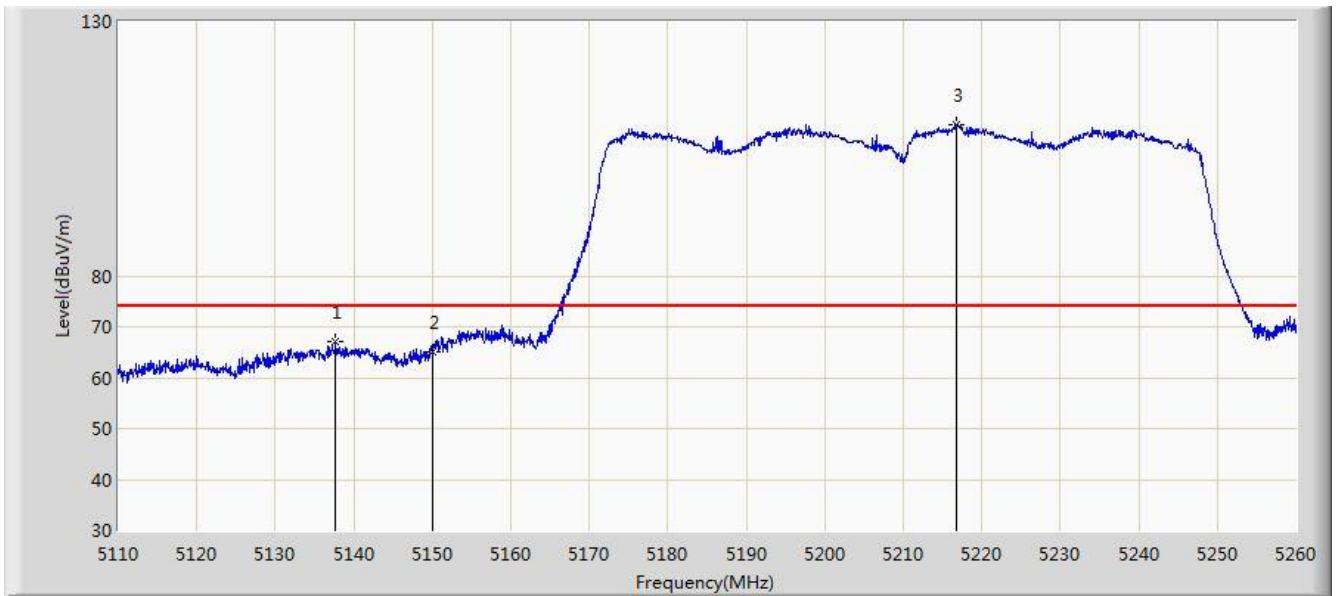


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5802.900	110.383	104.922	N/A	N/A	5.461	PK
2			5850.000	61.110	55.384	-61.090	122.200	5.726	PK
3			5855.000	60.742	54.996	-50.058	110.800	5.746	PK
4			5875.000	56.867	51.047	-48.333	105.200	5.820	PK
5			5925.000	57.584	51.618	-10.616	68.200	5.967	PK
6			5946.675	58.738	52.718	-9.462	68.200	6.020	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: 2017/10/18 - 00:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (CDD Mode)	

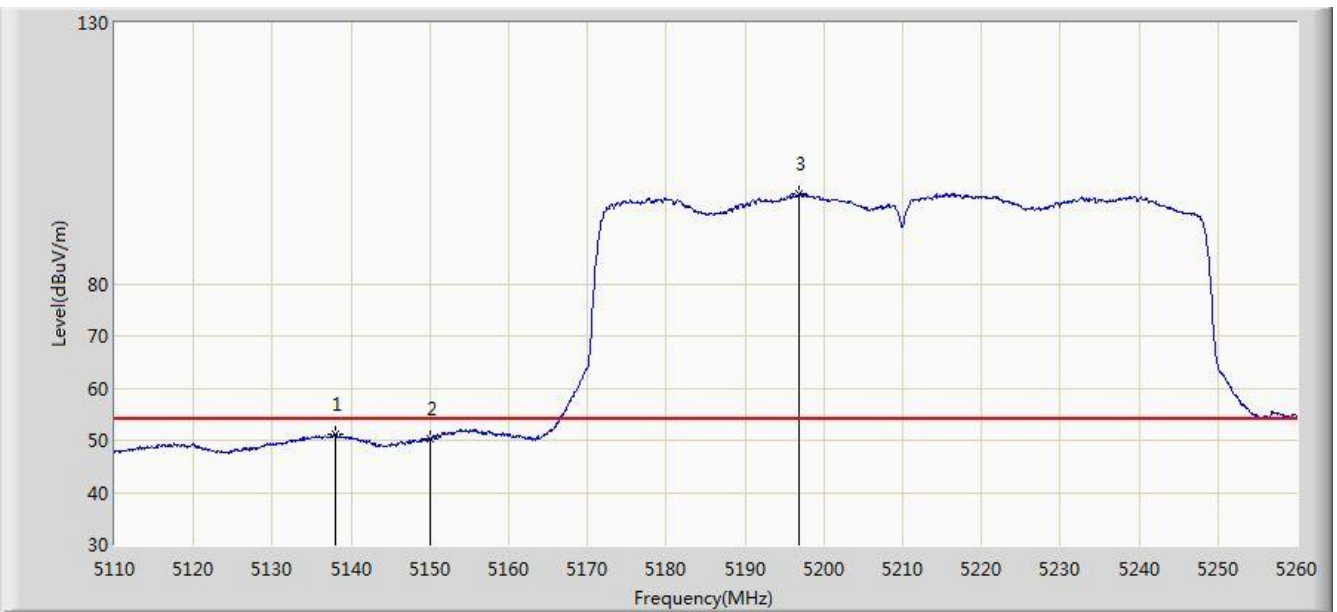


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5137.675	67.070	62.895	-6.930	74.000	4.175	PK
2			5150.000	65.013	60.844	-8.987	74.000	4.170	PK
3		*	5216.800	109.768	105.820	N/A	N/A	3.949	PK

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

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

Site: AC1	Time: 2017/10/18 - 00:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (CDD Mode)	

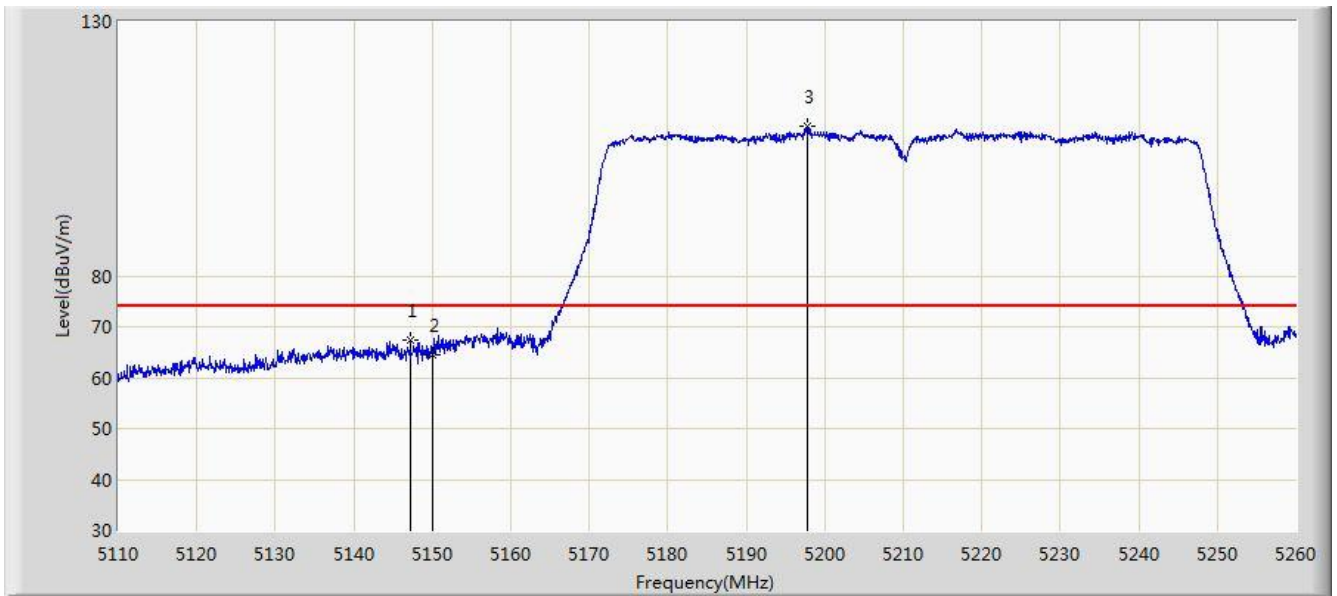


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5138.050	51.300	47.125	-2.700	54.000	4.176	AV
2			5150.000	50.291	46.122	-3.709	54.000	4.170	AV
3			5196.925	97.269	93.260	N/A	N/A	4.009	AV

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

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

Site: AC1	Time: 2017/10/18 - 00:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (CDD Mode)	

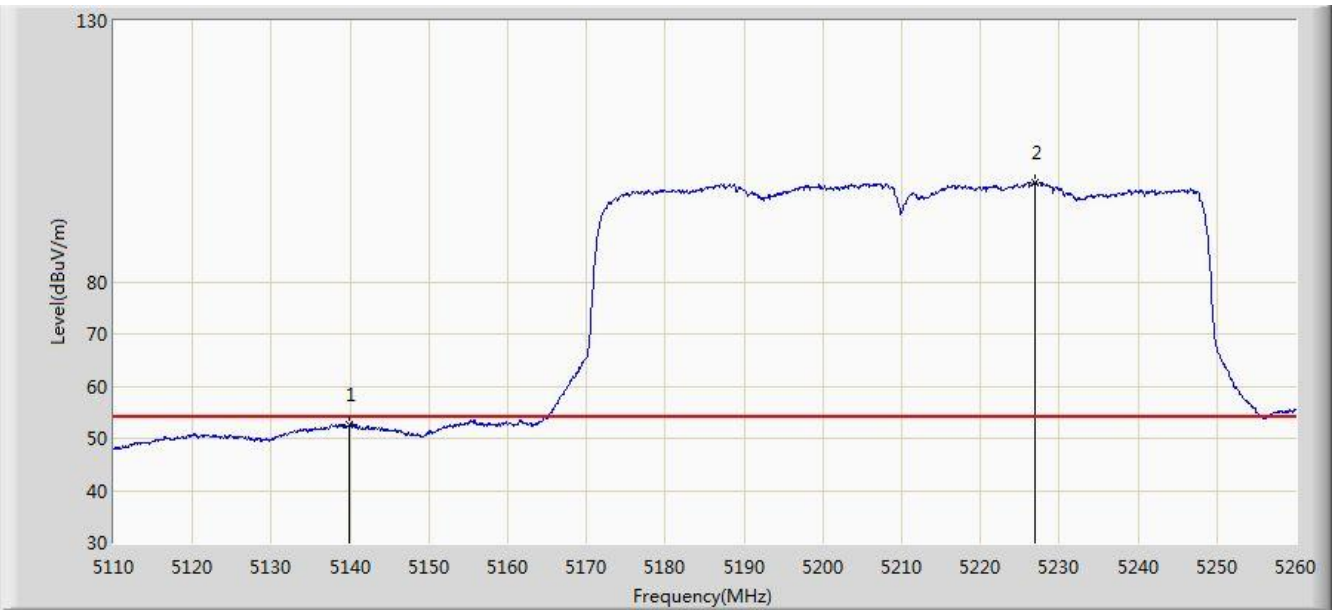


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.200	67.342	63.166	-6.658	74.000	4.176	PK
2			5150.000	64.624	60.455	-9.376	74.000	4.170	PK
3		*	5197.750	109.517	105.511	N/A	N/A	4.005	PK

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

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

Site: AC1	Time: 2017/10/18 - 00:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (CDD Mode)	

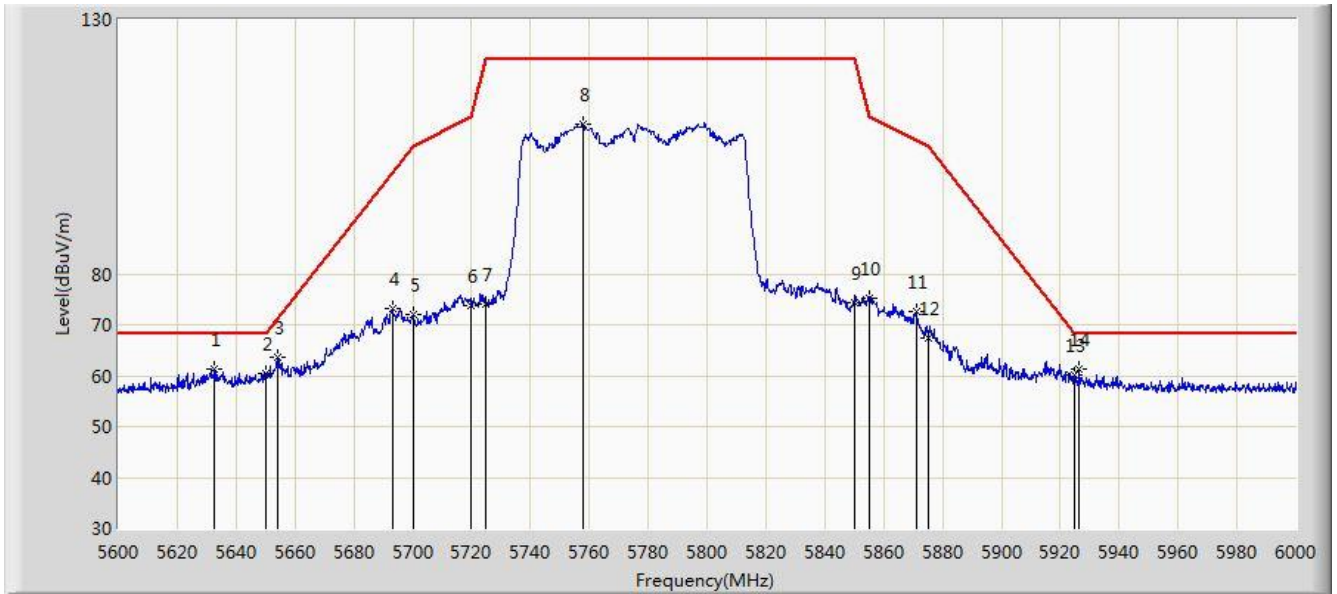


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.925	52.540	48.365	-1.460	54.000	4.175	AV
2			5227.000	98.898	94.980	N/A	N/A	3.918	AV

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: 2017/10/18 - 01:05
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 (CDD Mode)	

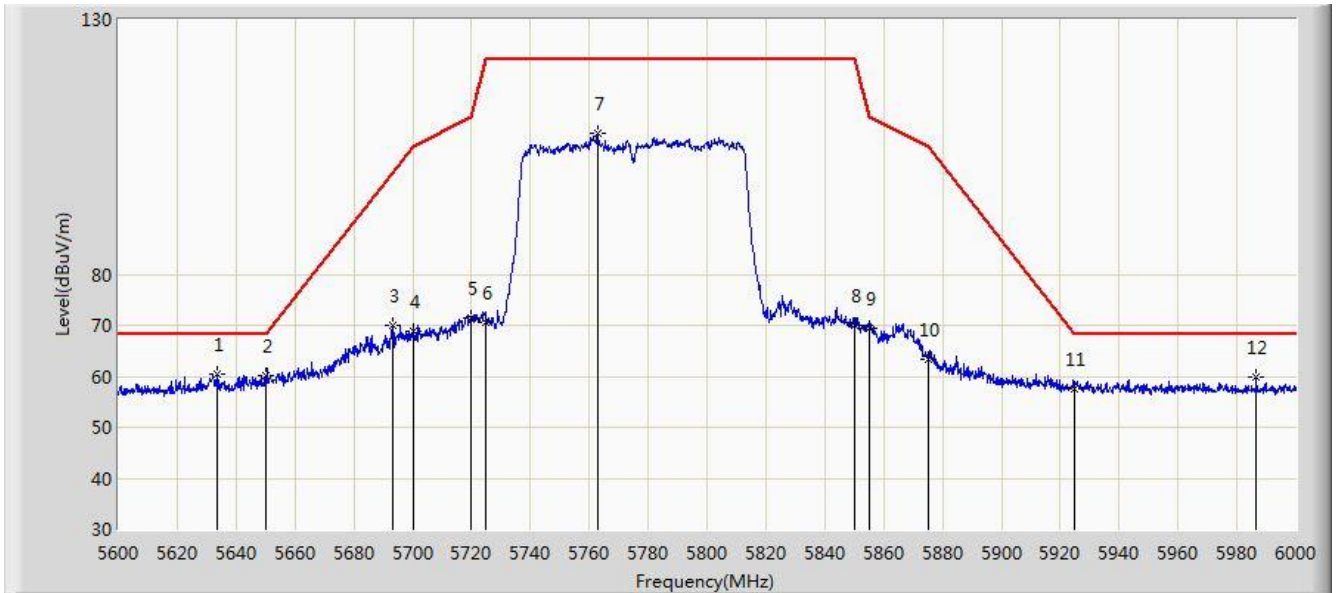


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5632.800	61.245	56.628	-6.955	68.200	4.617	PK
2			5650.000	60.564	55.893	-7.636	68.200	4.671	PK
3			5654.000	63.600	58.916	-7.572	71.172	4.685	PK
4			5693.200	73.086	68.244	-27.101	100.187	4.841	PK
5			5700.000	72.043	67.165	-33.157	105.200	4.878	PK
6			5720.000	73.773	68.776	-37.027	110.800	4.997	PK
7			5725.000	74.050	69.021	-48.150	122.200	5.029	PK
8		*	5757.800	109.526	104.298	N/A	N/A	5.227	PK
9			5850.000	74.219	68.493	-47.981	122.200	5.726	PK
10			5855.000	75.193	69.447	-35.607	110.800	5.746	PK
11			5871.400	72.713	66.906	-33.493	106.207	5.807	PK
12			5875.000	67.444	61.624	-37.756	105.200	5.820	PK
13			5925.000	60.123	54.157	-8.077	68.200	5.967	PK
14			5926.400	61.180	55.210	-7.020	68.200	5.970	PK

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

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

Site: AC1	Time: 2017/10/18 - 01:07
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 (CDD Mode)	

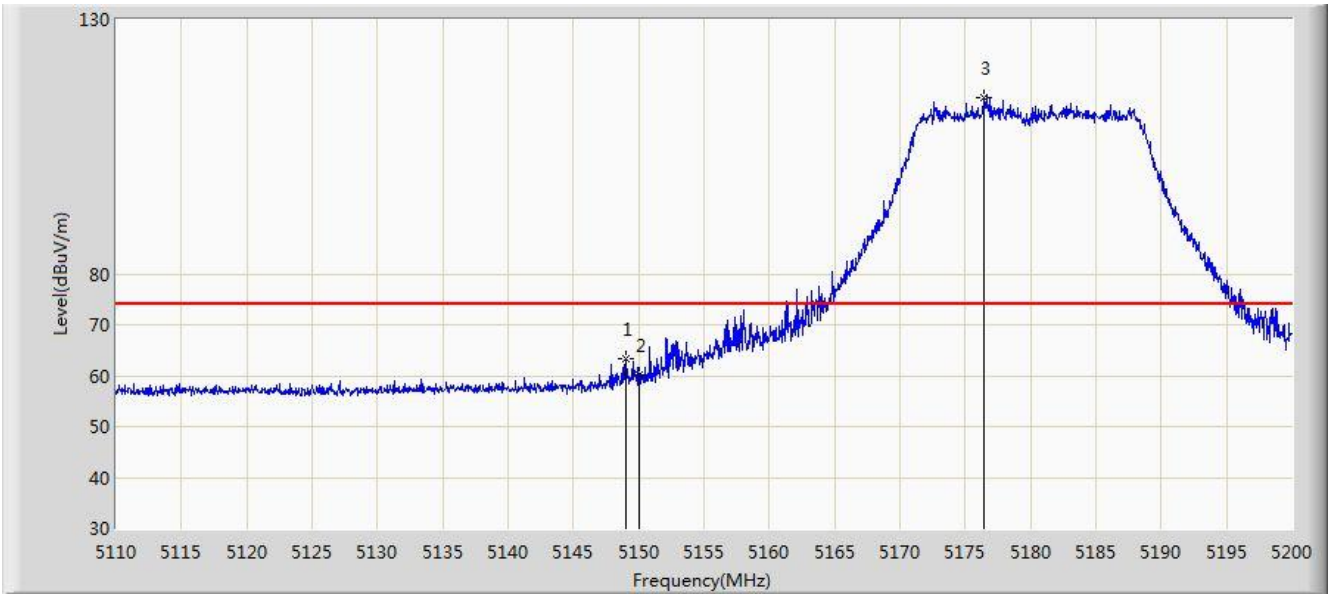


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5633.600	60.557	55.938	-7.643	68.200	4.620	PK
2			5650.000	60.287	55.616	-7.913	68.200	4.671	PK
3			5693.200	69.893	65.051	-30.294	100.187	4.841	PK
4			5700.000	68.765	63.887	-36.435	105.200	4.878	PK
5			5720.000	71.497	66.500	-39.303	110.800	4.997	PK
6			5725.000	70.542	65.513	-51.658	122.200	5.029	PK
7		*	5762.800	107.723	102.469	N/A	N/A	5.254	PK
8			5850.000	70.009	64.283	-52.191	122.200	5.726	PK
9			5855.000	69.551	63.805	-41.249	110.800	5.746	PK
10			5875.000	63.253	57.433	-41.947	105.200	5.820	PK
11			5925.000	57.479	51.513	-10.721	68.200	5.967	PK
12			5986.600	59.854	53.766	-8.346	68.200	6.089	PK

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

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

Site: AC1	Time: 2017/10/18 - 19:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1 (Beam-Forming Mode)	

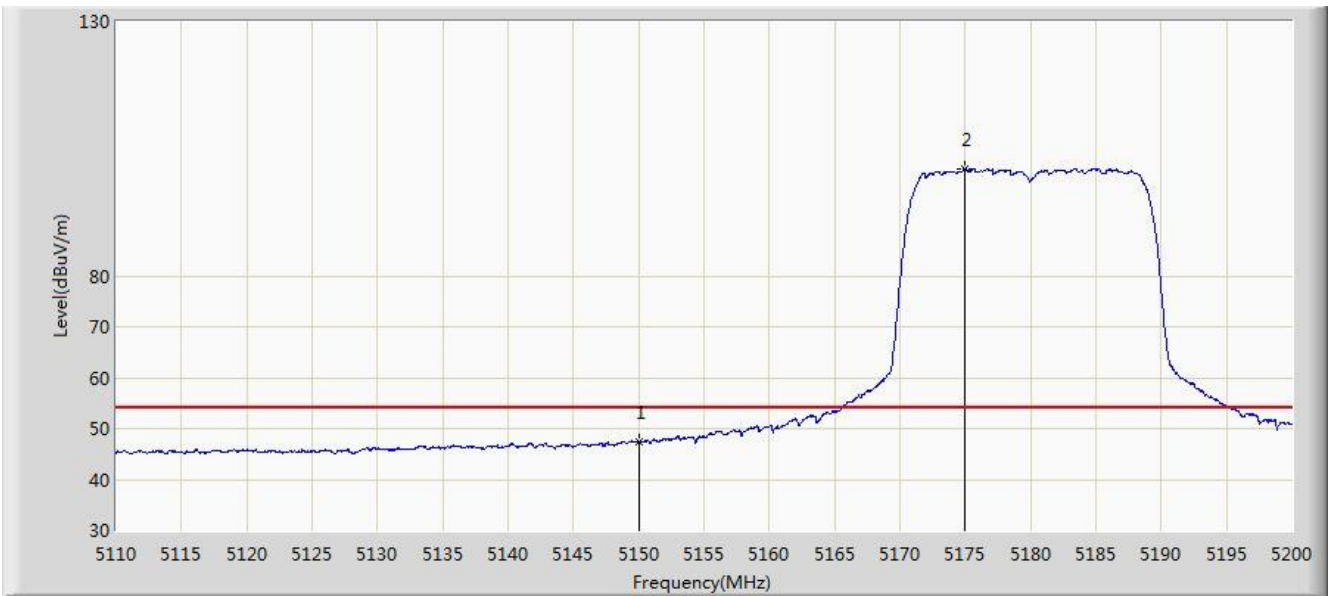


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.060	63.324	59.152	-10.676	74.000	4.173	PK
2			5150.000	60.158	55.989	-13.842	74.000	4.170	PK
3		*	5176.465	114.709	110.628	N/A	N/A	4.081	PK

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: 2017/10/18 - 19:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1 (Beam-Forming Mode)	

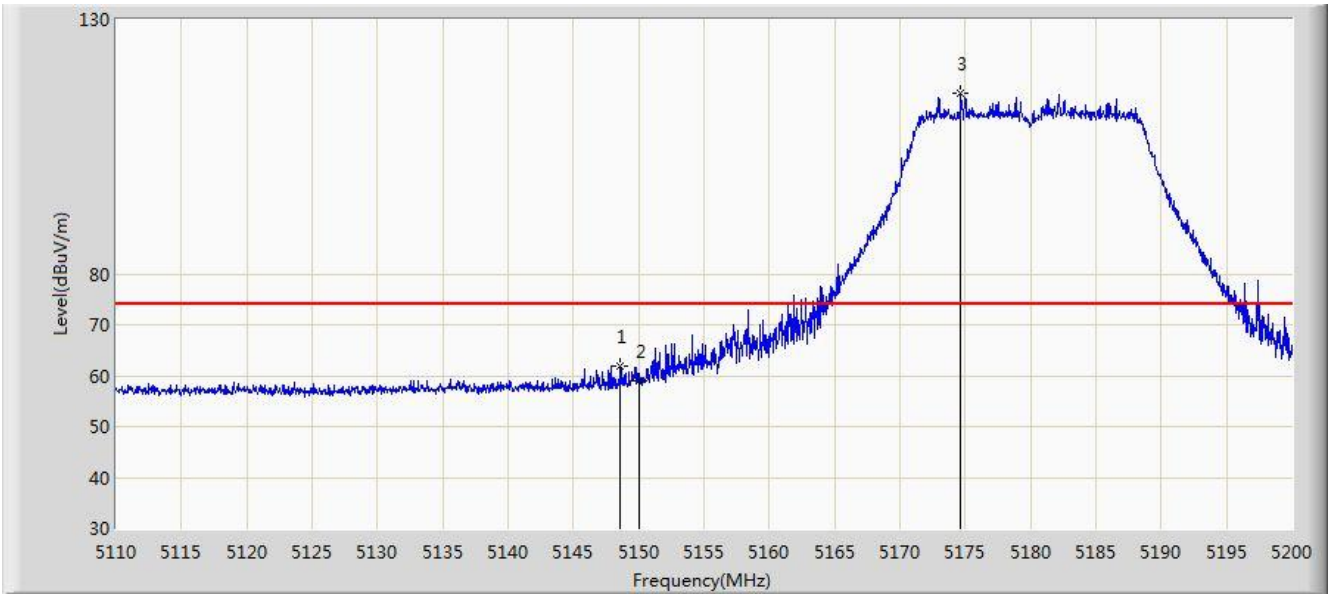


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.394	43.225	-6.606	54.000	4.170	AV
2		*	5174.935	101.057	96.970	N/A	N/A	4.087	AV

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: 2017/10/18 - 19:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1 (Beam-Forming Mode)	

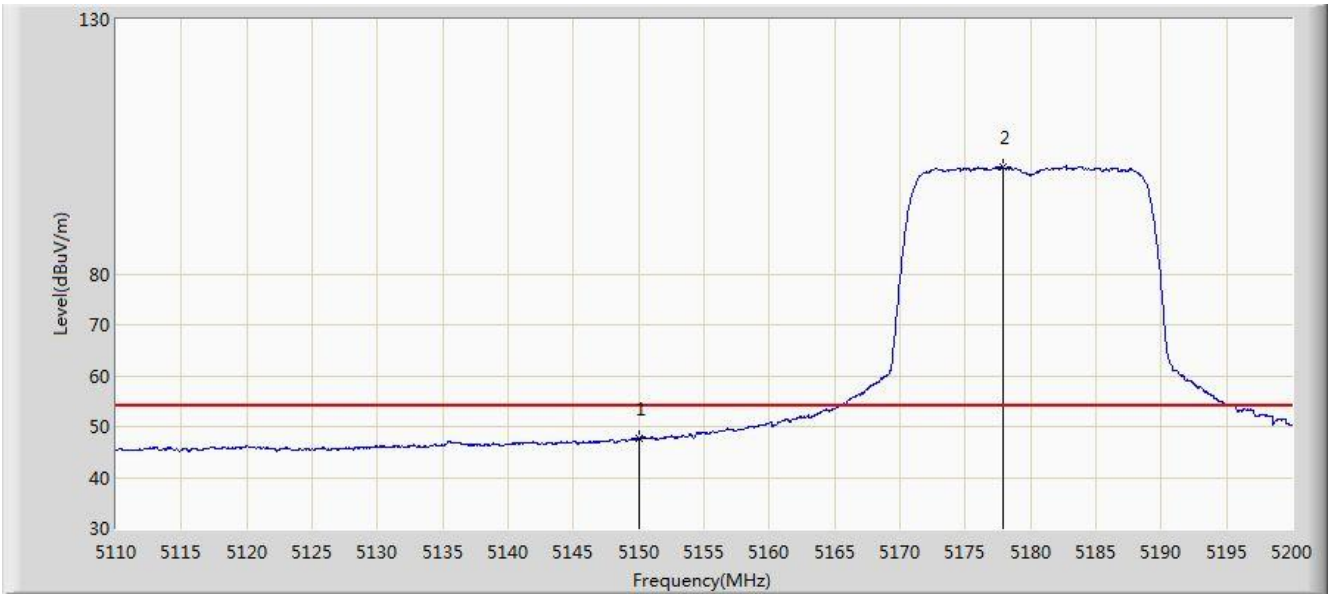


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.610	61.894	57.720	-12.106	74.000	4.174	PK
2			5150.000	59.100	54.931	-14.900	74.000	4.170	PK
3		*	5174.665	115.584	111.496	N/A	N/A	4.088	PK

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

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

Site: AC1	Time: 2017/10/18 - 19:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 0 + 1 (Beam-Forming Mode)	

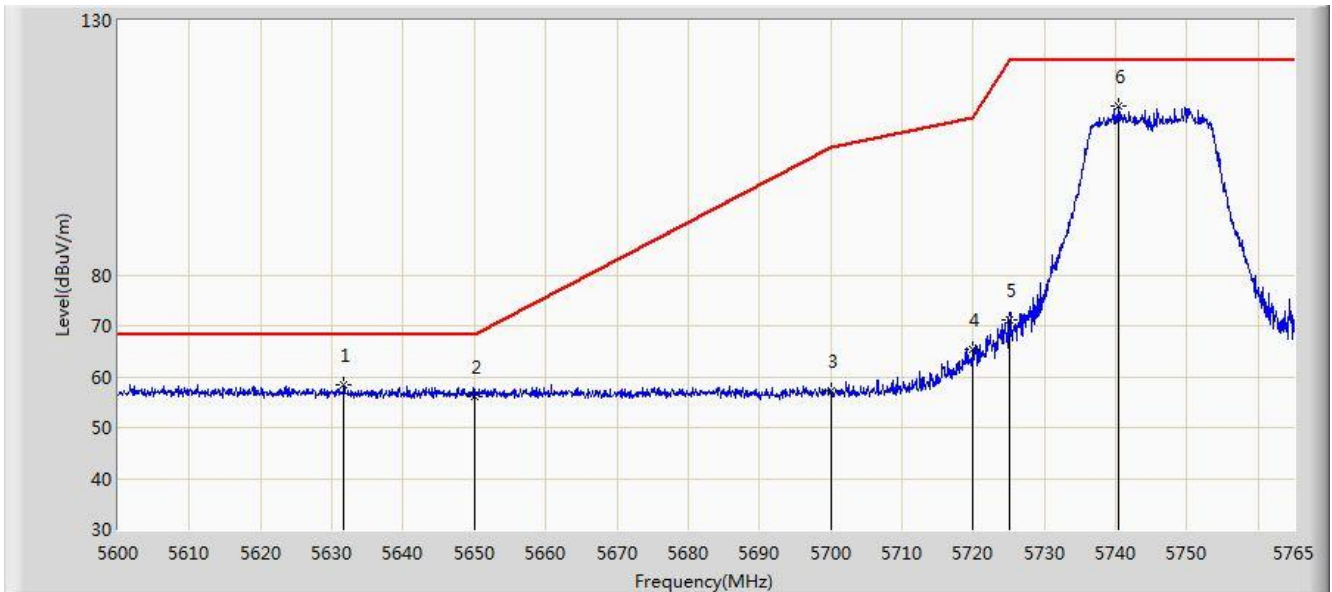


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.572	43.403	-6.428	54.000	4.170	AV
2		*	5177.905	100.967	96.891	N/A	N/A	4.077	AV

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: 2017/10/18 - 19:58
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0 + 1 (Beam-Forming Mode)	

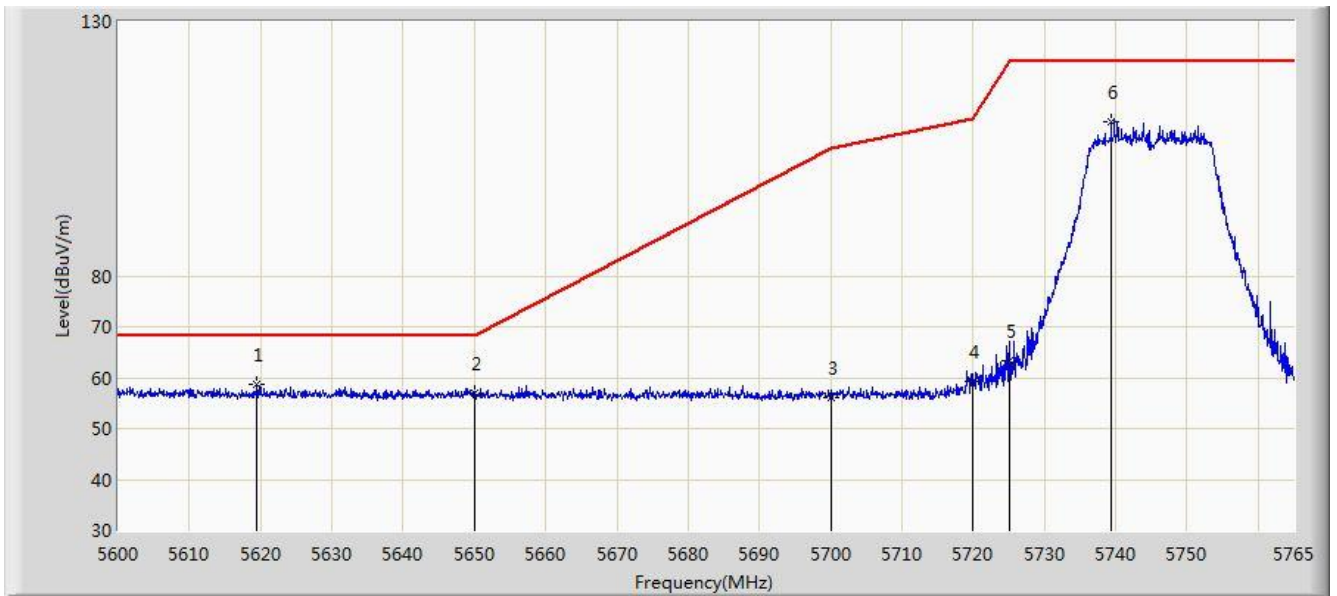


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5631.680	58.536	53.922	-9.664	68.200	4.614	PK
2			5650.000	56.056	51.385	-12.144	68.200	4.671	PK
3			5700.000	57.115	52.237	-48.085	105.200	4.878	PK
4			5720.000	65.300	60.303	-45.500	110.800	4.997	PK
5			5725.000	71.079	66.050	-51.121	122.200	5.029	PK
6		*	5740.498	113.301	108.173	N/A	N/A	5.128	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: 2017/10/18 - 20:00
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 0 + 1 (Beam-Forming Mode)	

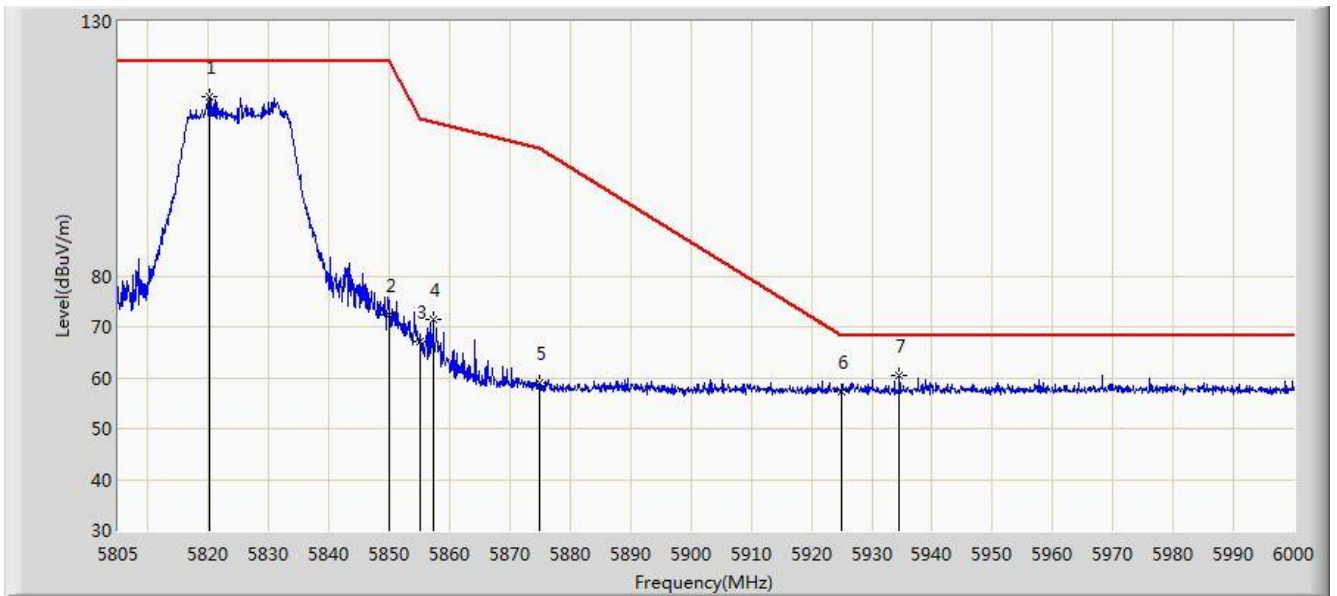


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5619.470	58.598	54.019	-9.602	68.200	4.578	PK
2			5650.000	57.072	52.401	-11.128	68.200	4.671	PK
3			5700.000	56.229	51.351	-48.971	105.200	4.878	PK
4			5720.000	59.205	54.208	-51.595	110.800	4.997	PK
5			5725.000	63.460	58.431	-58.740	122.200	5.029	PK
6		*	5739.342	110.394	105.274	N/A	N/A	5.120	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: 2017/10/18 - 20:01
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0 + 1 (Beam-Forming Mode)	

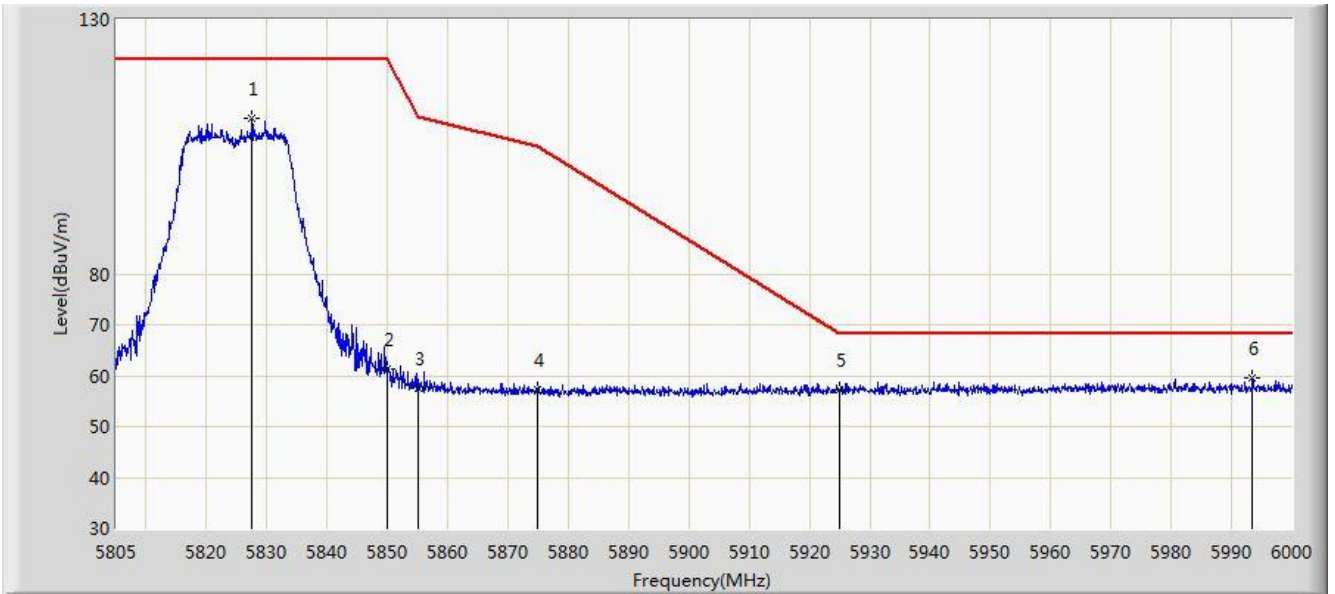


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.210	115.085	109.525	N/A	N/A	5.559	PK
2			5850.000	72.306	66.580	-49.894	122.200	5.726	PK
3			5855.000	67.087	61.341	-43.713	110.800	5.746	PK
4			5857.260	71.443	65.687	-38.724	110.166	5.756	PK
5			5875.000	58.991	53.171	-46.209	105.200	5.820	PK
6			5925.000	57.215	51.249	-10.985	68.200	5.967	PK
7			5934.578	60.404	54.414	-7.796	68.200	5.990	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: 2017/10/18 - 20:04
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 0 + 1 (Beam-Forming Mode)	

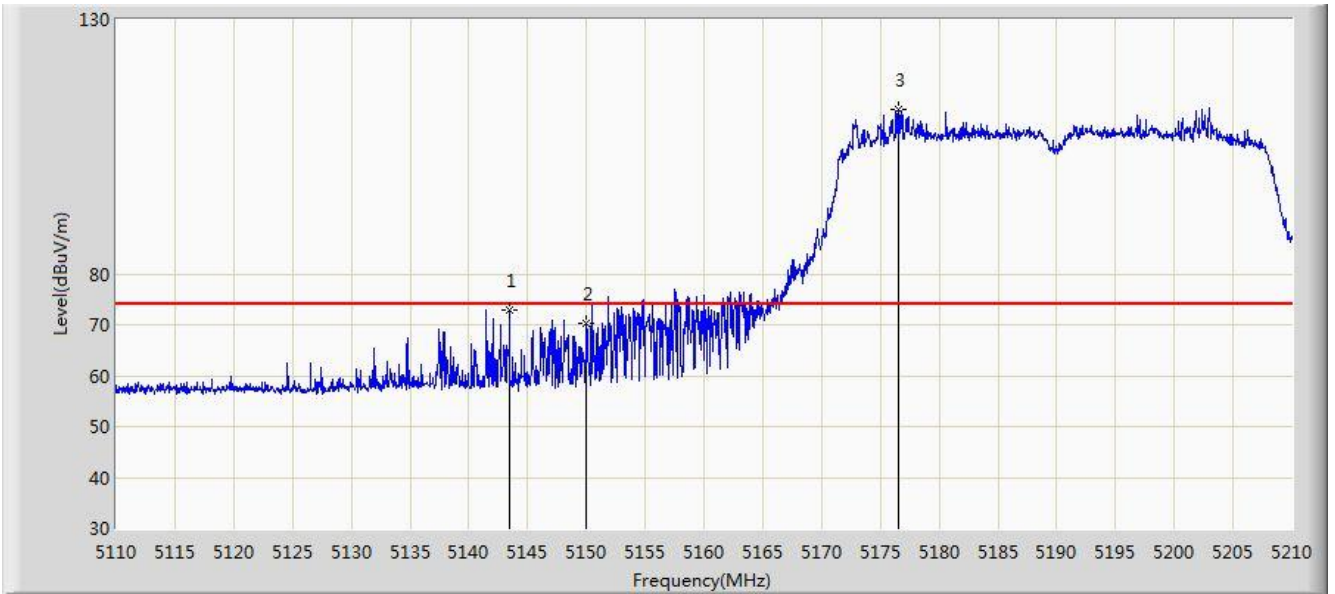


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.522	110.512	104.909	N/A	N/A	5.602	PK
2			5850.000	61.318	55.592	-60.882	122.200	5.726	PK
3			5855.000	57.678	51.932	-53.122	110.800	5.746	PK
4			5875.000	57.328	51.508	-47.872	105.200	5.820	PK
5			5925.000	57.271	51.305	-10.929	68.200	5.967	PK
6			5993.467	59.538	53.438	-8.662	68.200	6.100	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: 2017/10/18 - 20:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

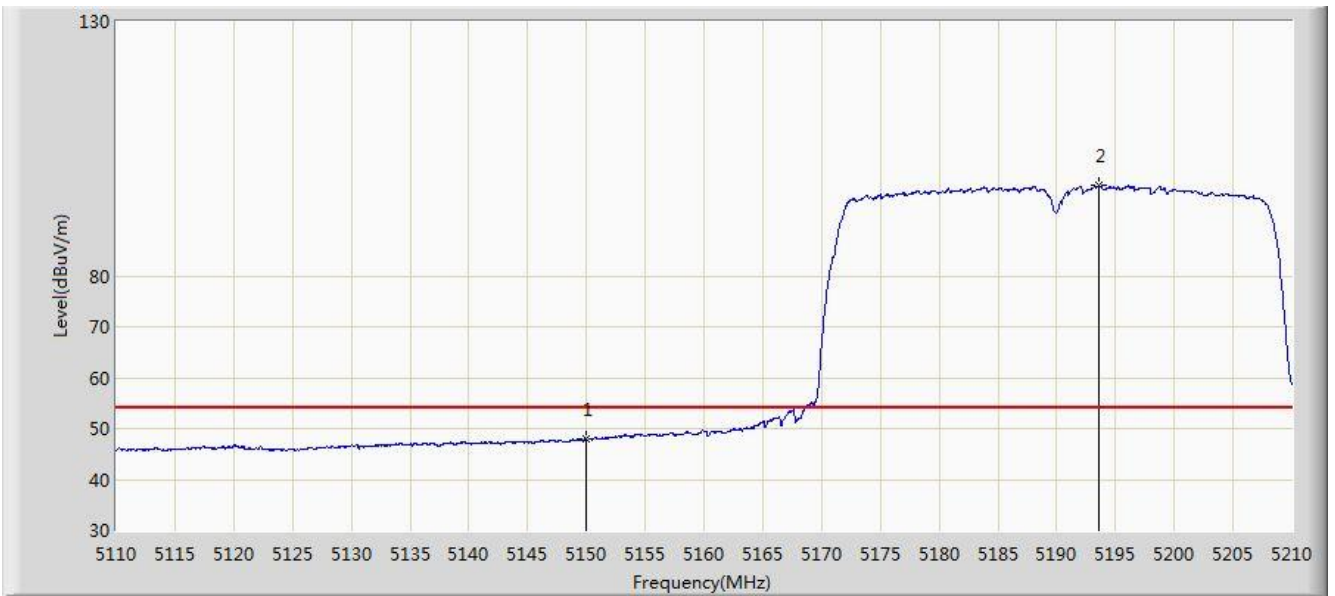


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.450	72.948	68.772	-1.052	74.000	4.175	PK
2			5150.000	70.346	66.177	-3.654	74.000	4.170	PK
3		*	5176.600	112.384	108.303	N/A	N/A	4.080	PK

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

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

Site: AC1	Time: 2017/10/18 - 20:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

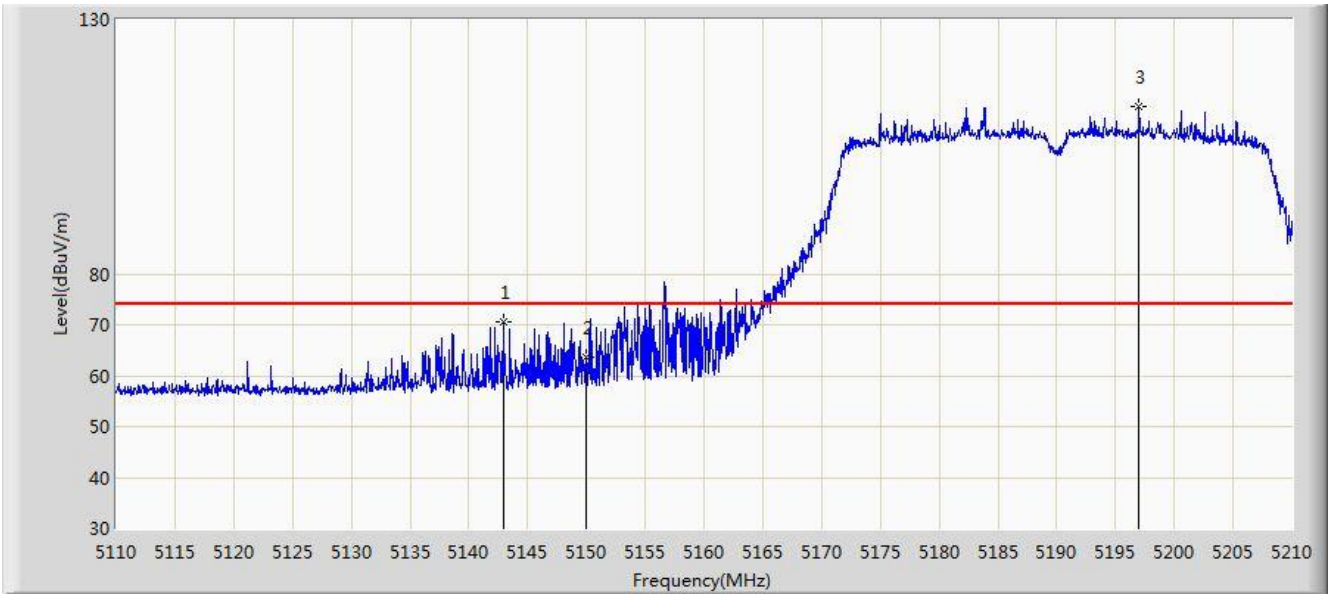


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.835	43.666	-6.165	54.000	4.170	AV
2		*	5193.550	97.750	93.729	N/A	N/A	4.021	AV

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

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

Site: AC1	Time: 2017/10/18 - 20:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

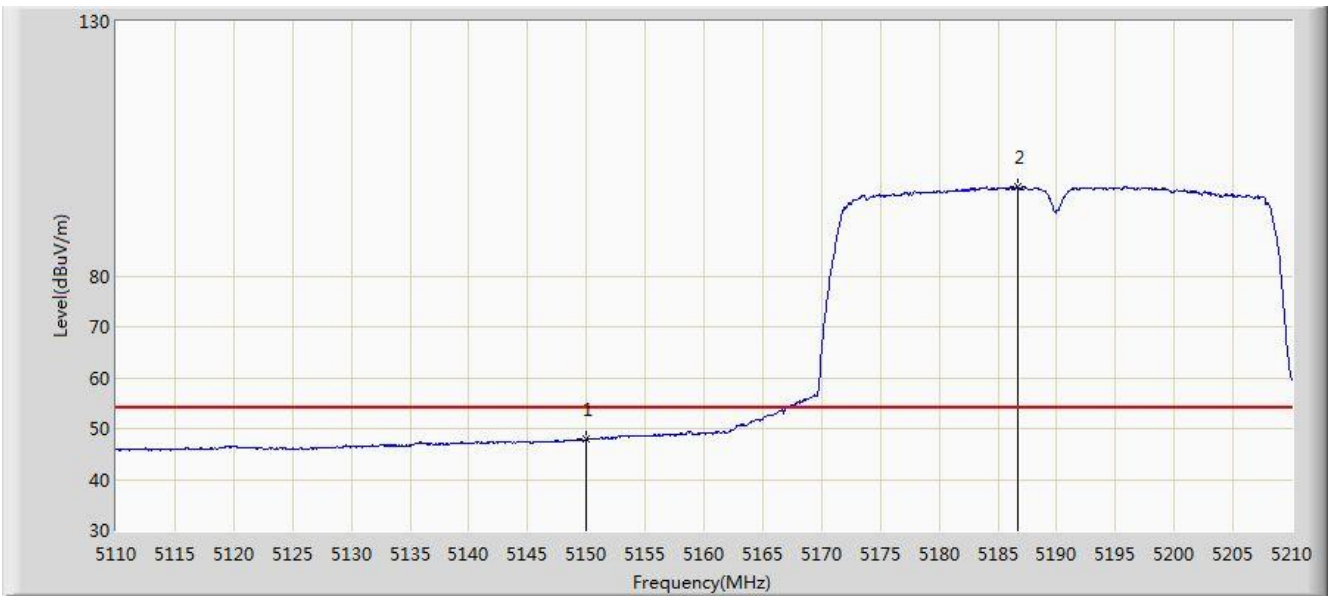


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.900	70.702	66.526	-3.298	74.000	4.176	PK
2			5150.000	63.516	59.347	-10.484	74.000	4.170	PK
3		*	5197.000	112.766	108.757	N/A	N/A	4.009	PK

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

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

Site: AC1	Time: 2017/10/18 - 20:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

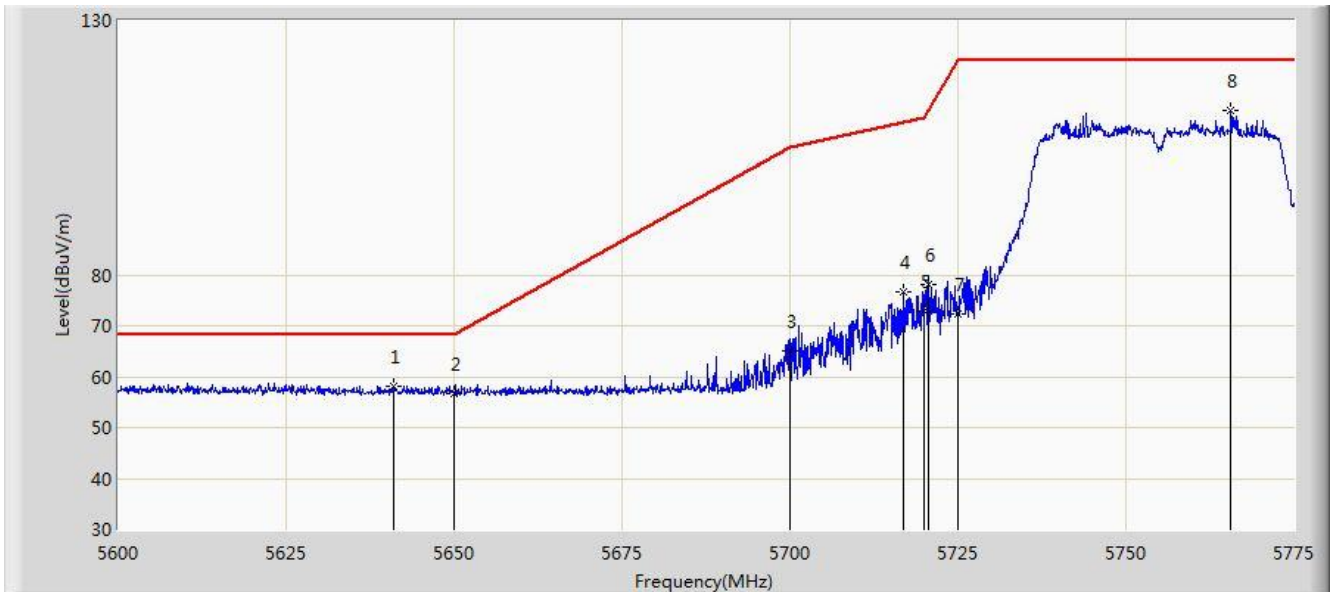


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.970	43.801	-6.030	54.000	4.170	AV
2		*	5186.650	97.451	93.406	N/A	N/A	4.045	AV

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: 2017/10/18 - 21:03
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 + 1 (Beam-Forming Mode)	

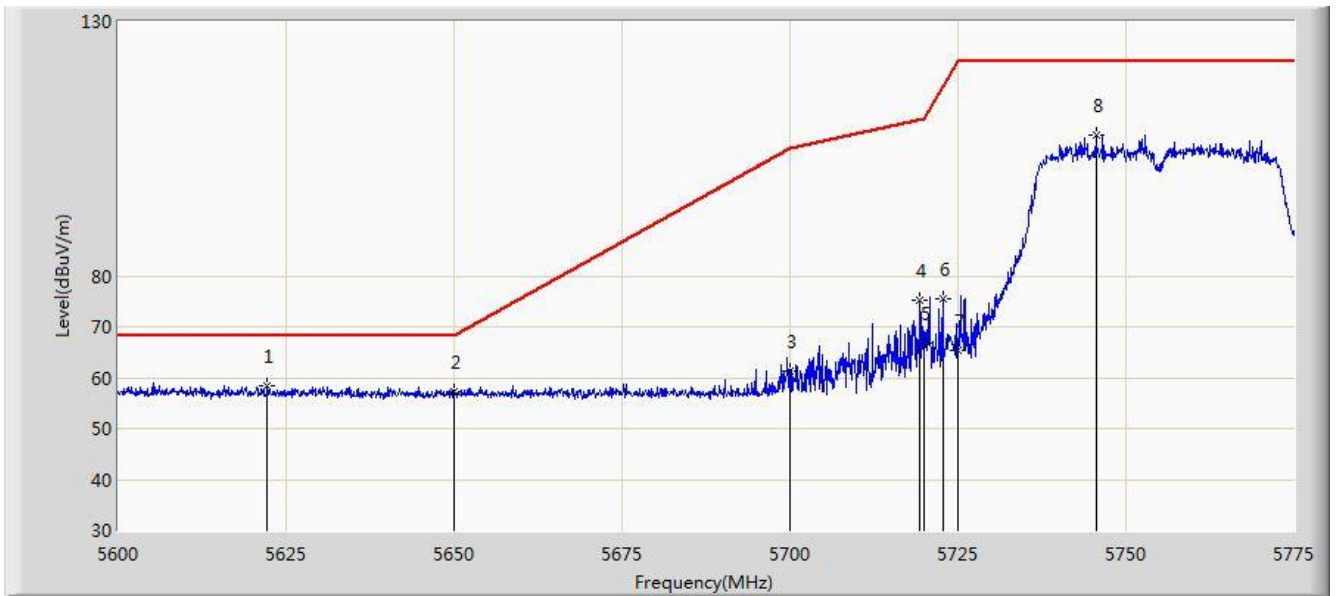


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5641.038	58.193	53.552	-10.007	68.200	4.641	PK
2			5650.000	56.772	52.101	-11.428	68.200	4.671	PK
3			5700.000	65.054	60.176	-40.146	105.200	4.878	PK
4			5716.812	76.619	71.643	-33.289	109.909	4.976	PK
5			5720.000	72.798	67.801	-38.002	110.800	4.997	PK
6			5720.663	78.230	73.229	-34.082	112.312	5.001	PK
7			5725.000	72.250	67.221	-49.950	122.200	5.029	PK
8		*	5765.638	112.416	107.147	N/A	N/A	5.269	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: 2017/10/18 - 21:06
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 0 + 1 (Beam-Forming Mode)	

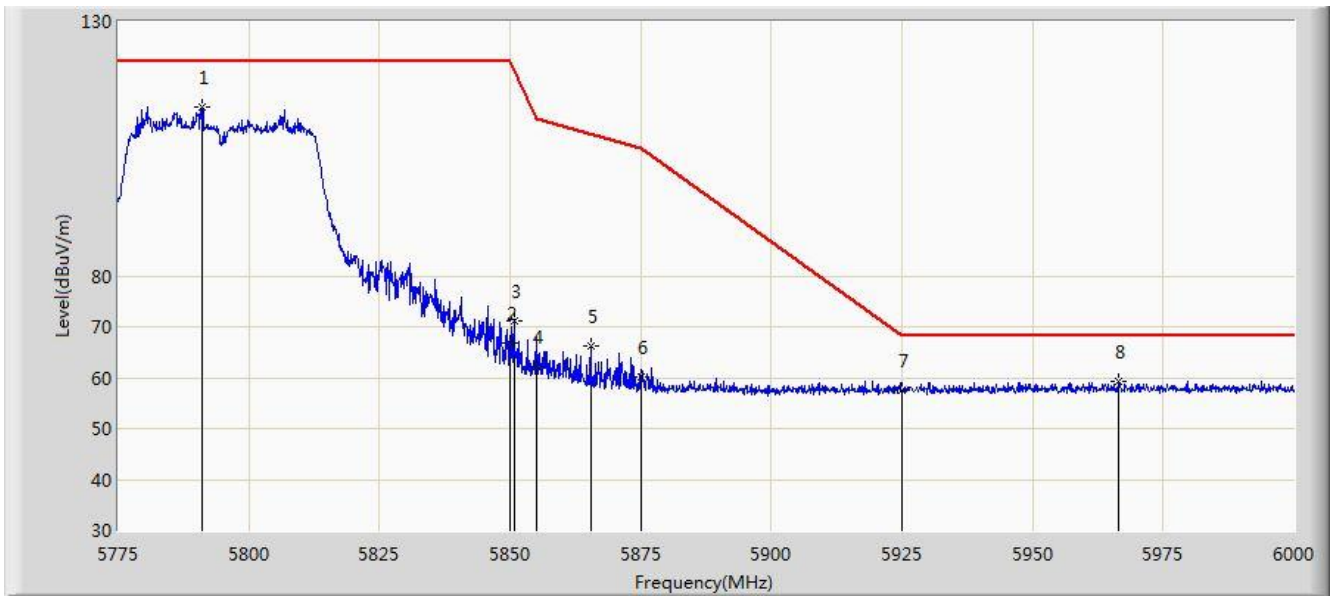


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5622.225	58.351	53.764	-9.849	68.200	4.587	PK
2			5650.000	57.360	52.689	-10.840	68.200	4.671	PK
3			5700.000	61.280	56.402	-43.920	105.200	4.878	PK
4			5719.350	75.338	70.345	-35.281	110.618	4.993	PK
5			5720.000	66.906	61.909	-43.894	110.800	4.997	PK
6			5722.763	75.647	70.632	-41.454	117.101	5.015	PK
7			5725.000	65.481	60.452	-56.719	122.200	5.029	PK
8		*	5745.513	107.805	102.647	N/A	N/A	5.158	PK

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

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

Site: AC1	Time: 2017/10/18 - 21:08
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 + 1 (Beam-Forming Mode)	

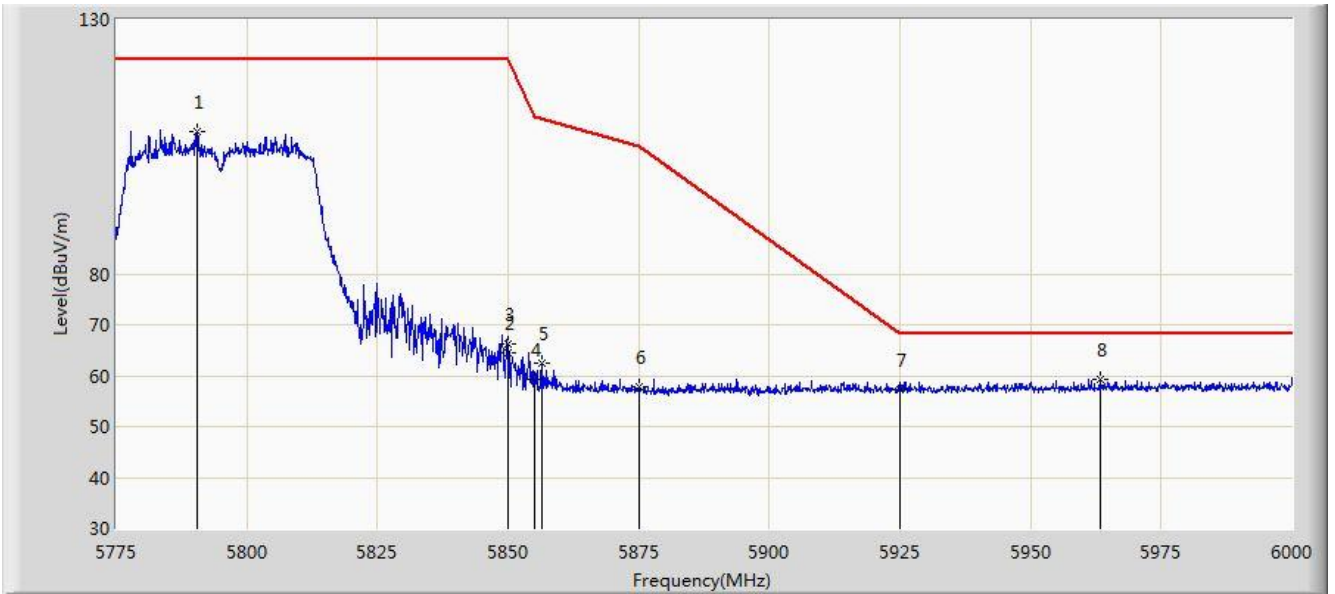


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5791.200	113.199	107.801	N/A	N/A	5.398	PK
2			5850.000	66.888	61.162	-55.312	122.200	5.726	PK
3			5850.712	71.068	65.340	-49.508	120.576	5.729	PK
4			5855.000	62.308	56.562	-48.492	110.800	5.746	PK
5			5865.450	66.206	60.419	-41.666	107.872	5.787	PK
6			5875.000	60.088	54.268	-45.112	105.200	5.820	PK
7			5925.000	57.574	51.608	-10.626	68.200	5.967	PK
8			5966.362	59.391	53.336	-8.809	68.200	6.055	PK

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

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

Site: AC1	Time: 2017/10/18 - 21:12
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 0 + 1 (Beam-Forming Mode)	

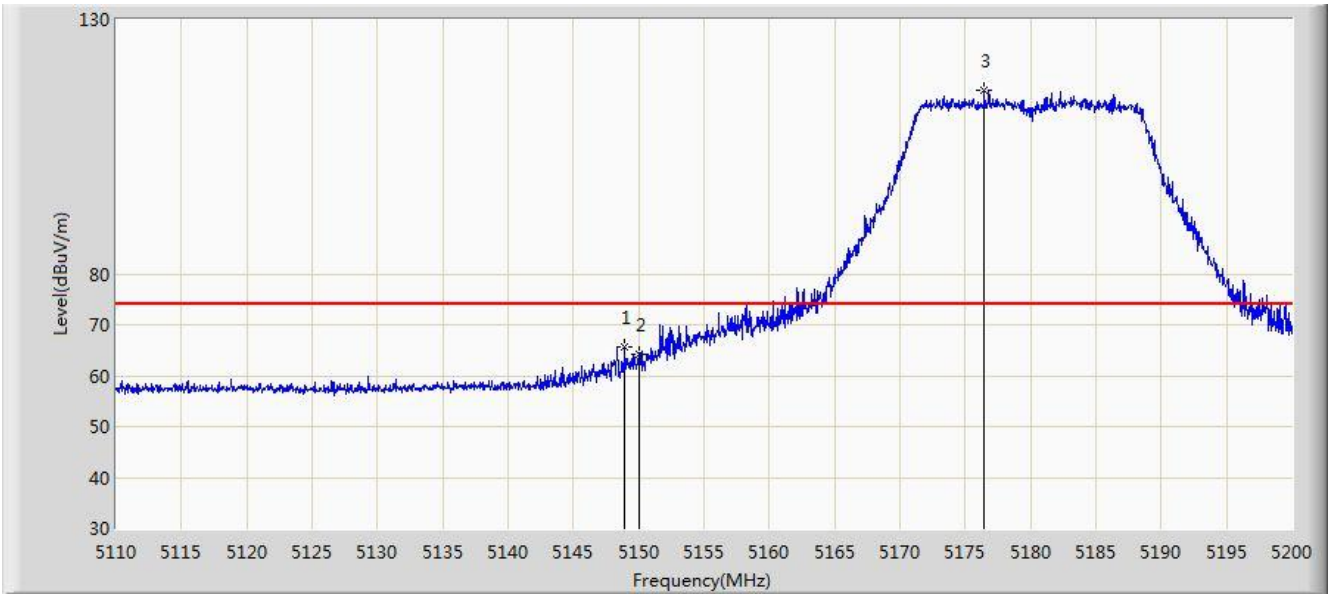


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.413	107.885	102.491	N/A	N/A	5.393	PK
2			5850.000	64.528	58.802	-57.672	122.200	5.726	PK
3			5850.038	66.290	60.564	-55.824	122.113	5.726	PK
4			5855.000	59.353	53.607	-51.447	110.800	5.746	PK
5			5856.562	62.528	56.775	-47.834	110.362	5.752	PK
6			5875.000	57.862	52.042	-47.338	105.200	5.820	PK
7			5925.000	57.108	51.142	-11.092	68.200	5.967	PK
8			5963.212	59.263	53.214	-8.937	68.200	6.049	PK

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

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

Site: AC1	Time: 2017/10/18 - 21:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 (Beam-Forming Mode)	

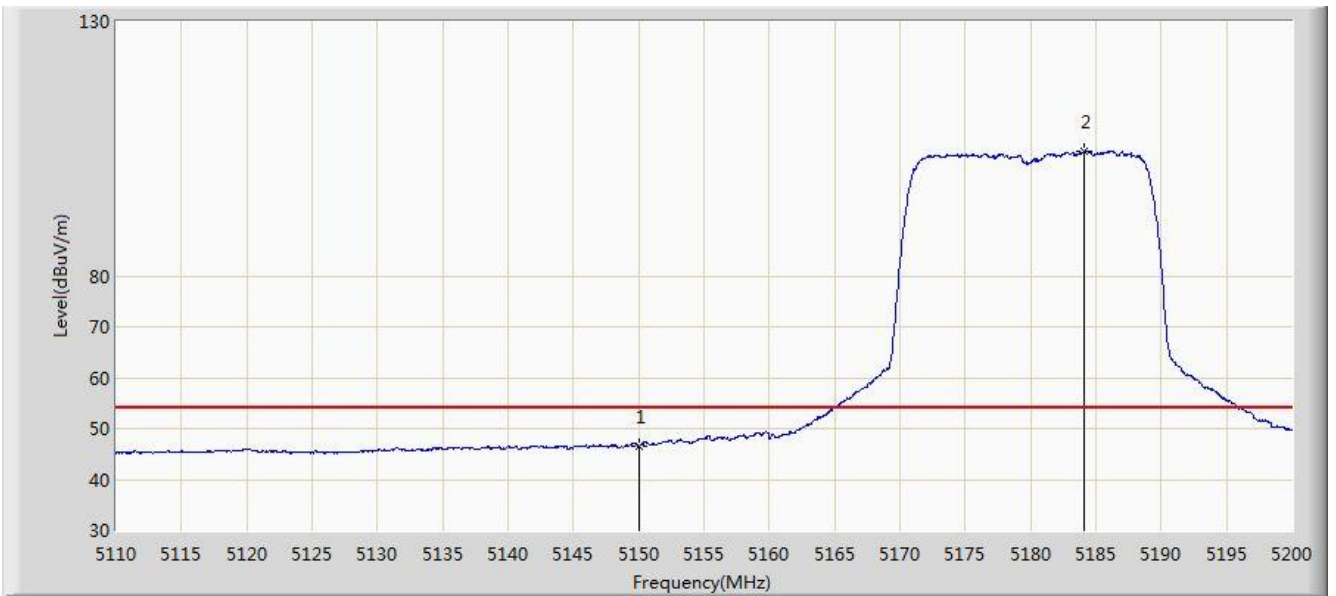


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.925	65.646	61.473	-8.354	74.000	4.173	PK
2			5150.000	64.327	60.158	-9.673	74.000	4.170	PK
3		*	5176.465	115.987	111.906	N/A	N/A	4.081	PK

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

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

Site: AC1	Time: 2017/10/18 - 21:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 (Beam-Forming Mode)	

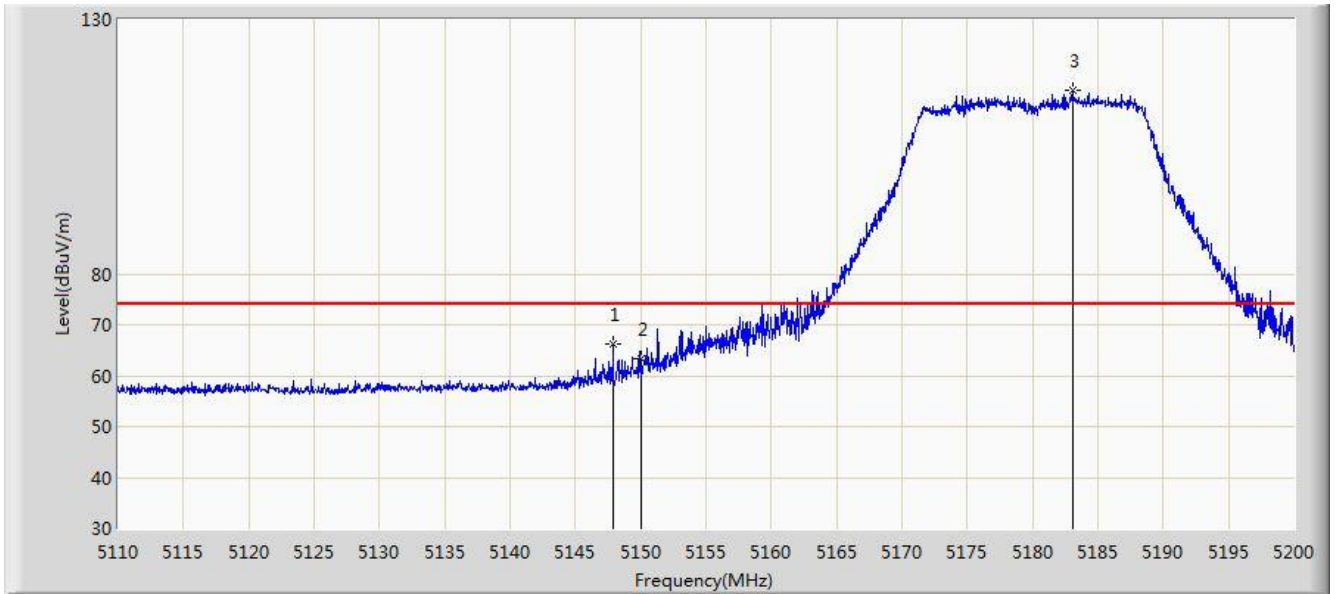


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.526	42.357	-7.474	54.000	4.170	AV
2		*	5184.115	104.446	100.392	N/A	N/A	4.054	AV

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: 2017/10/18 - 21:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 (Beam-Forming Mode)	

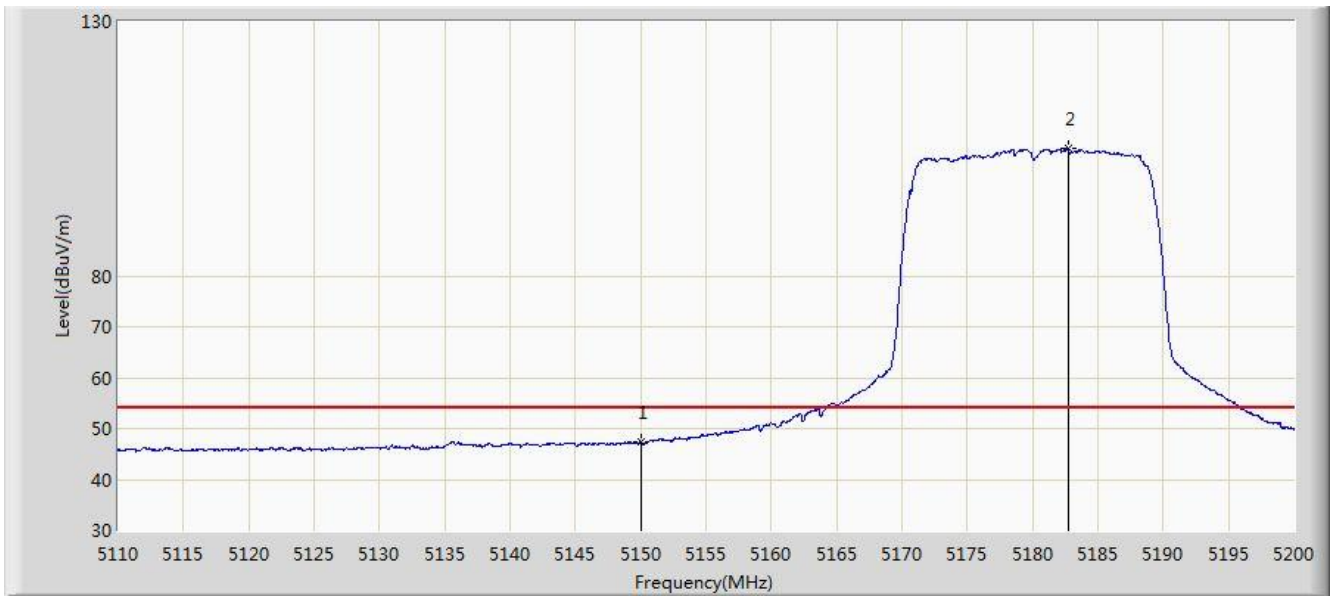


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.890	66.209	62.033	-7.791	74.000	4.176	PK
2			5150.000	63.294	59.125	-10.706	74.000	4.170	PK
3		*	5183.035	116.010	111.952	N/A	N/A	4.057	PK

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

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

Site: AC1	Time: 2017/10/18 - 21:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 (Beam-Forming Mode)	

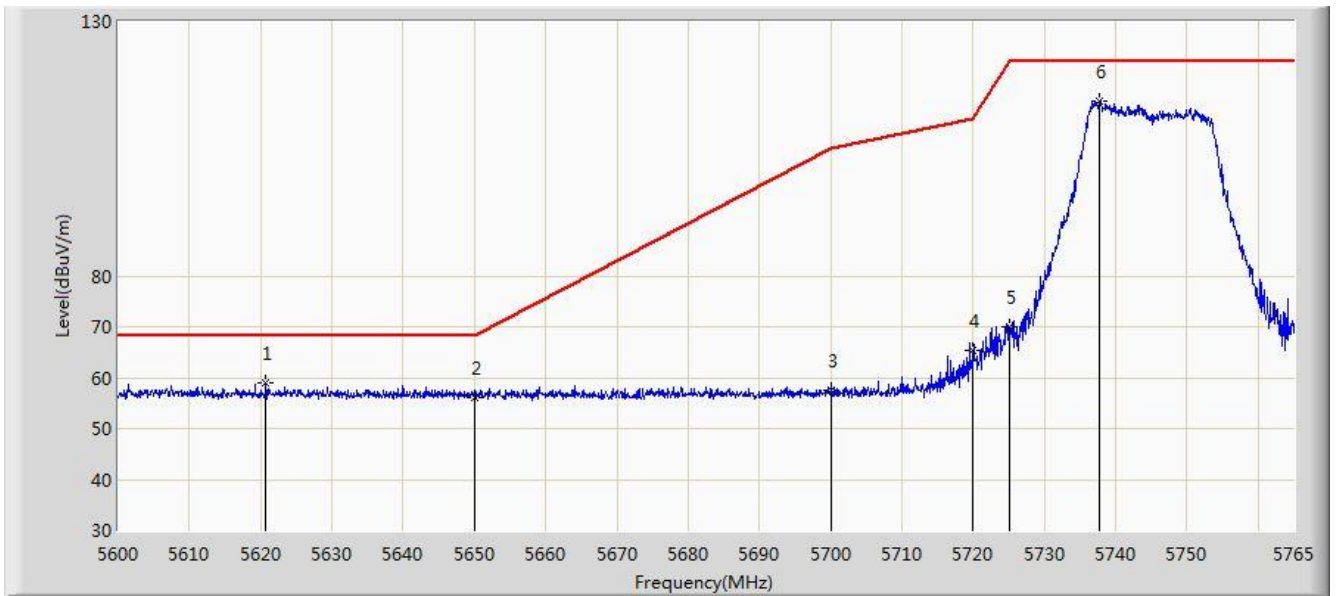


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.302	43.133	-6.698	54.000	4.170	AV
2		*	5182.720	105.140	101.081	N/A	N/A	4.060	AV

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

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

Site: AC1	Time: 2017/10/18 - 22:16
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 (Beam-Forming Mode)	

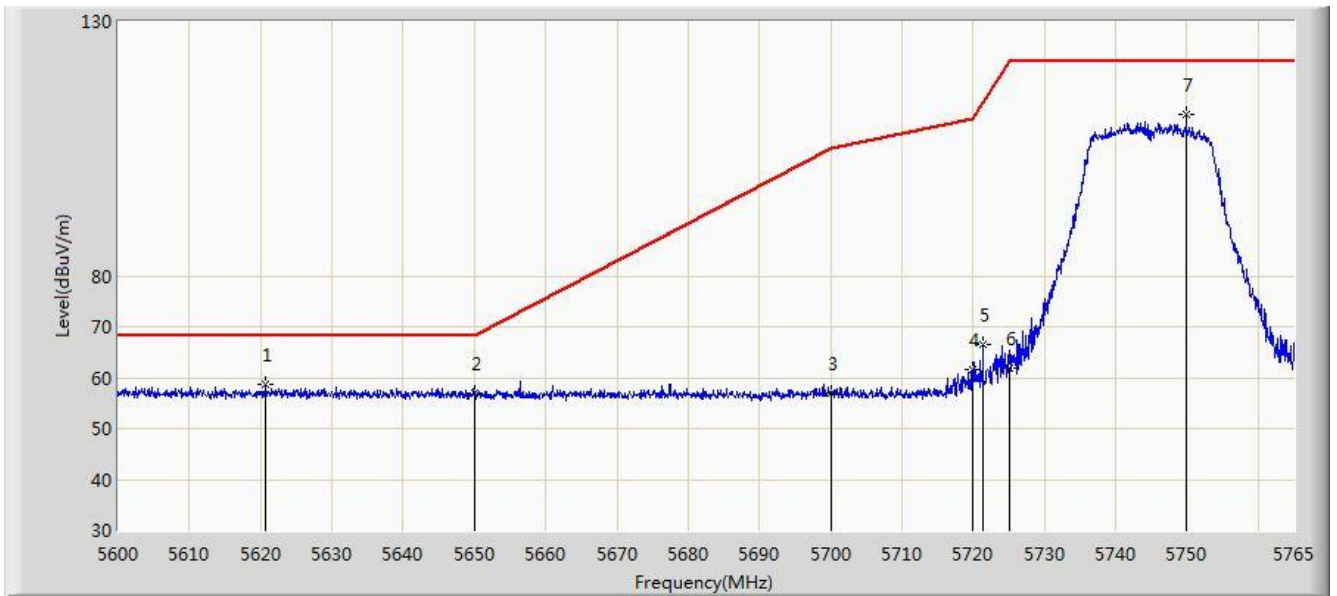


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5620.708	58.842	54.259	-9.358	68.200	4.583	PK
2			5650.000	56.067	51.396	-12.133	68.200	4.671	PK
3			5700.000	57.479	52.601	-47.721	105.200	4.878	PK
4			5720.000	65.371	60.374	-45.429	110.800	4.997	PK
5			5725.000	69.879	64.850	-52.321	122.200	5.029	PK
6		*	5737.610	114.458	109.349	N/A	N/A	5.109	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: 2017/10/18 - 22:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 (Beam-Forming Mode)	

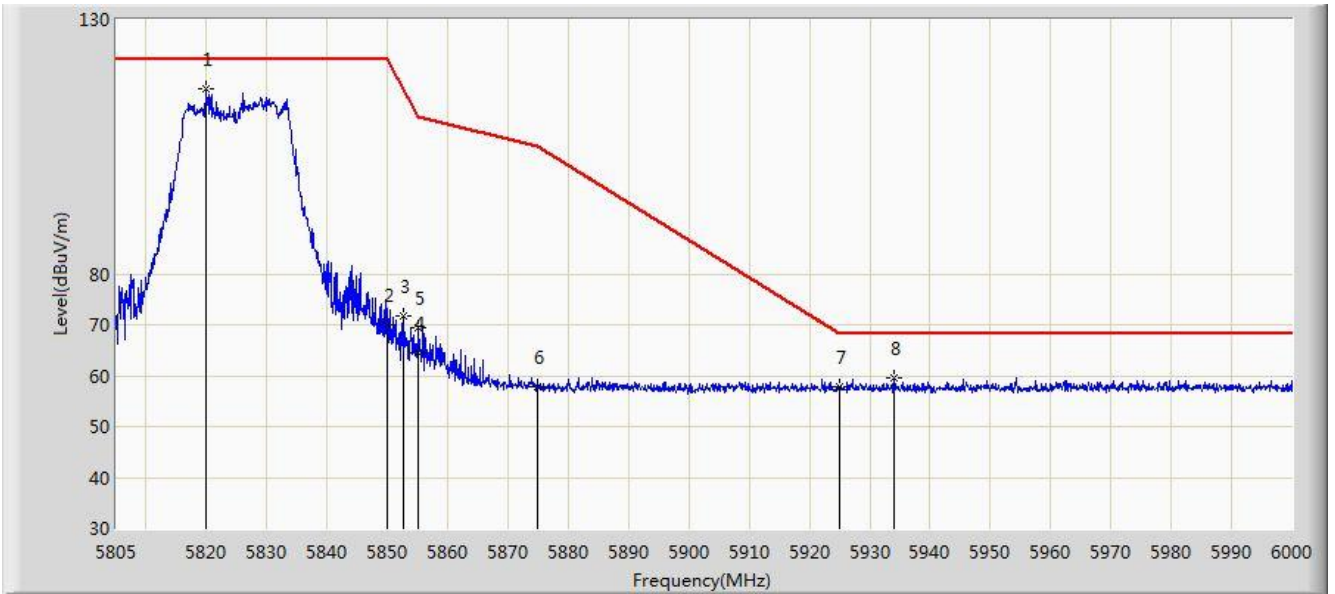


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5620.708	58.670	54.087	-9.530	68.200	4.583	PK
2			5650.000	56.987	52.316	-11.213	68.200	4.671	PK
3			5700.000	56.948	52.070	-48.252	105.200	4.878	PK
4			5720.000	61.728	56.731	-49.072	110.800	4.997	PK
5			5721.357	66.498	61.492	-47.397	113.895	5.006	PK
6			5725.000	61.784	56.755	-60.416	122.200	5.029	PK
7		*	5749.902	111.794	106.611	N/A	N/A	5.183	PK

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

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

Site: AC1	Time: 2017/10/18 - 22:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 (Beam-Forming Mode)	

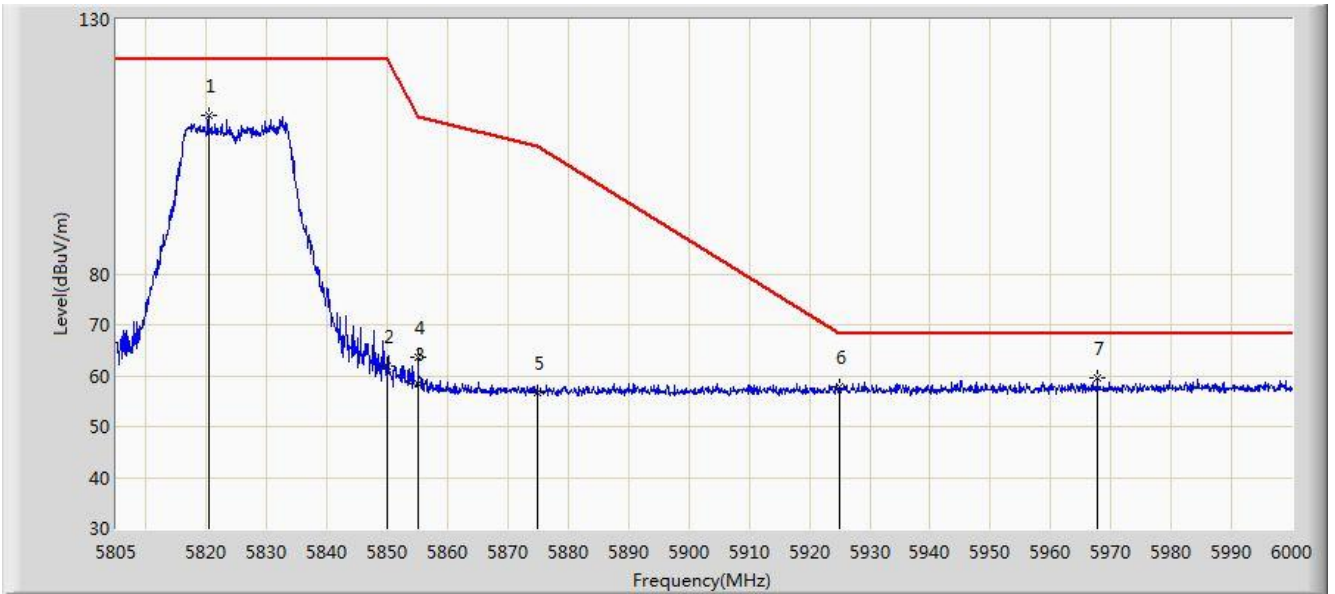


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.820	116.258	110.700	N/A	N/A	5.558	PK
2			5850.000	70.064	64.338	-52.136	122.200	5.726	PK
3			5852.678	71.657	65.920	-44.436	116.093	5.736	PK
4			5855.000	64.623	58.877	-46.177	110.800	5.746	PK
5			5855.212	69.349	63.602	-41.391	110.741	5.746	PK
6			5875.000	57.816	51.996	-47.384	105.200	5.820	PK
7			5925.000	57.726	51.760	-10.474	68.200	5.967	PK
8			5933.993	59.707	53.718	-8.493	68.200	5.990	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: 2017/10/18 - 22:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 (Beam-Forming Mode)	

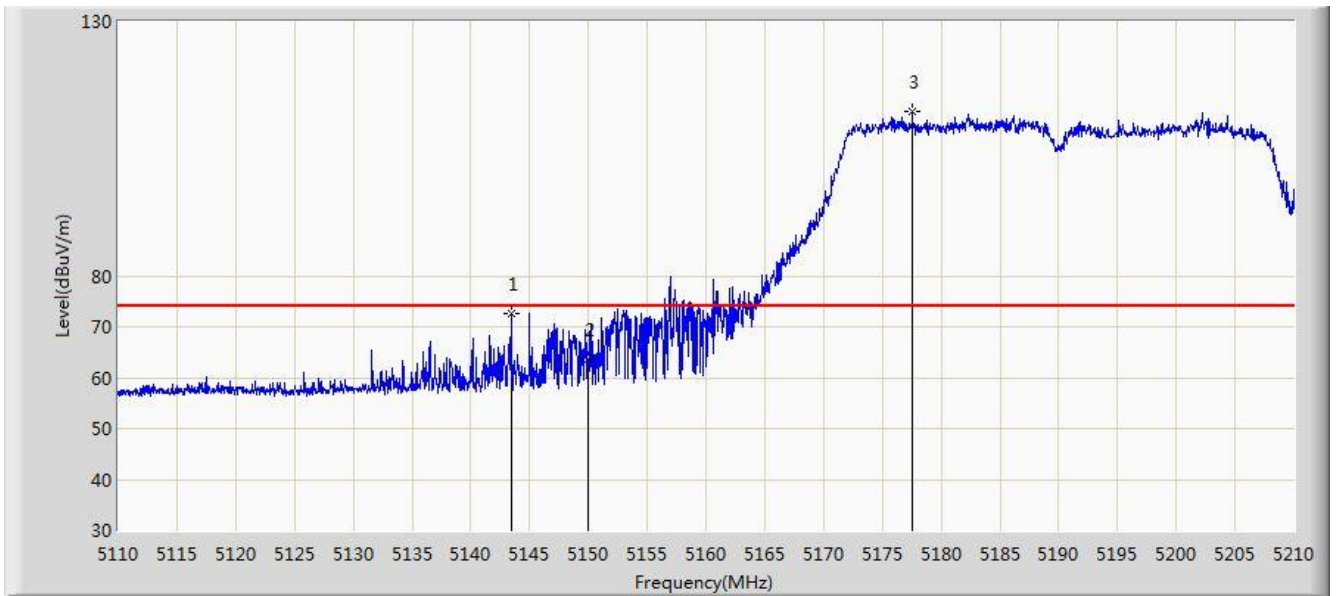


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.308	111.031	105.470	N/A	N/A	5.560	PK
2			5850.000	61.928	56.202	-60.272	122.200	5.726	PK
3			5855.000	58.471	52.725	-52.329	110.800	5.746	PK
4			5855.115	63.606	57.859	-47.162	110.768	5.746	PK
5			5875.000	56.543	50.723	-48.657	105.200	5.820	PK
6			5925.000	57.879	51.913	-10.321	68.200	5.967	PK
7			5967.728	59.557	53.500	-8.643	68.200	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: 2017/10/18 - 22:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

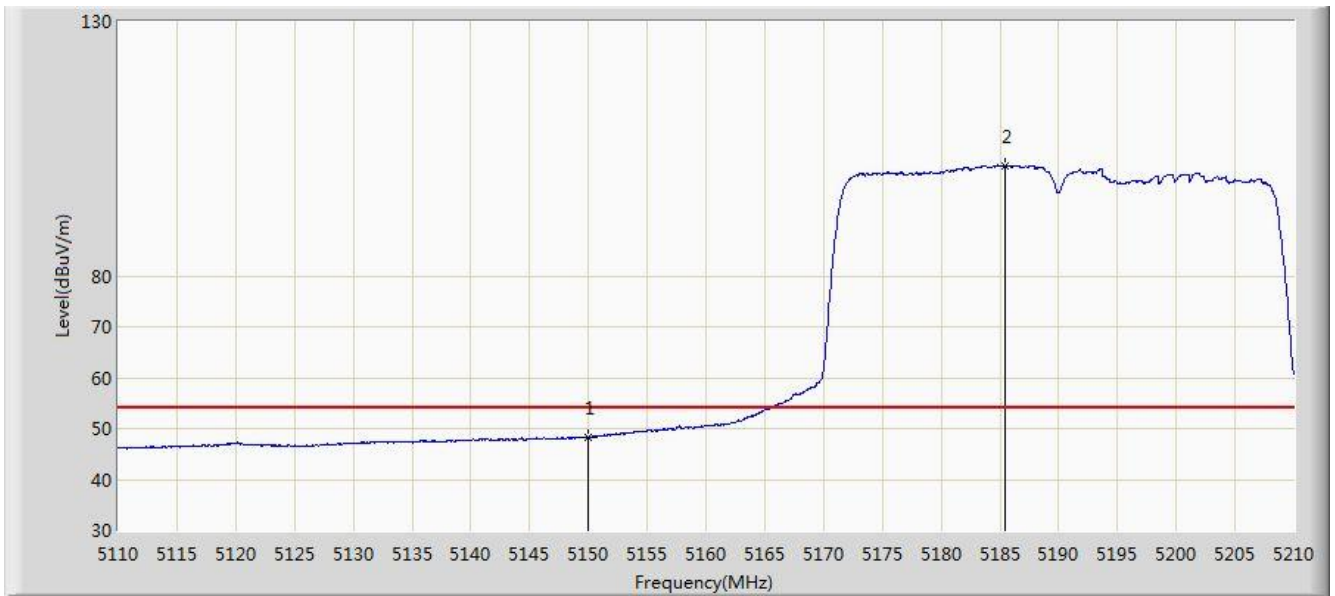


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.450	72.581	68.405	-1.419	74.000	4.175	PK
2			5150.000	63.706	59.537	-10.294	74.000	4.170	PK
3		*	5177.550	112.215	108.137	N/A	N/A	4.077	PK

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

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

Site: AC1	Time: 2017/10/18 - 22:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

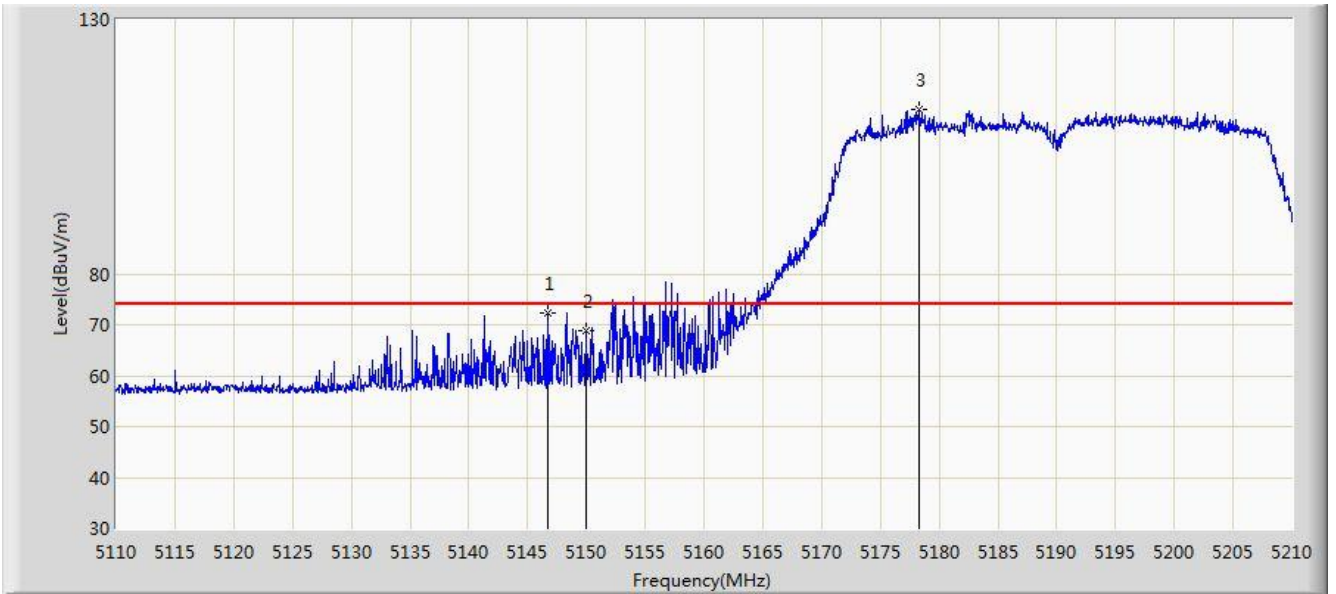


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.252	44.083	-5.748	54.000	4.170	AV
2		*	5185.400	101.637	97.587	N/A	N/A	4.049	AV

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

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

Site: AC1	Time: 2017/10/18 - 22:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

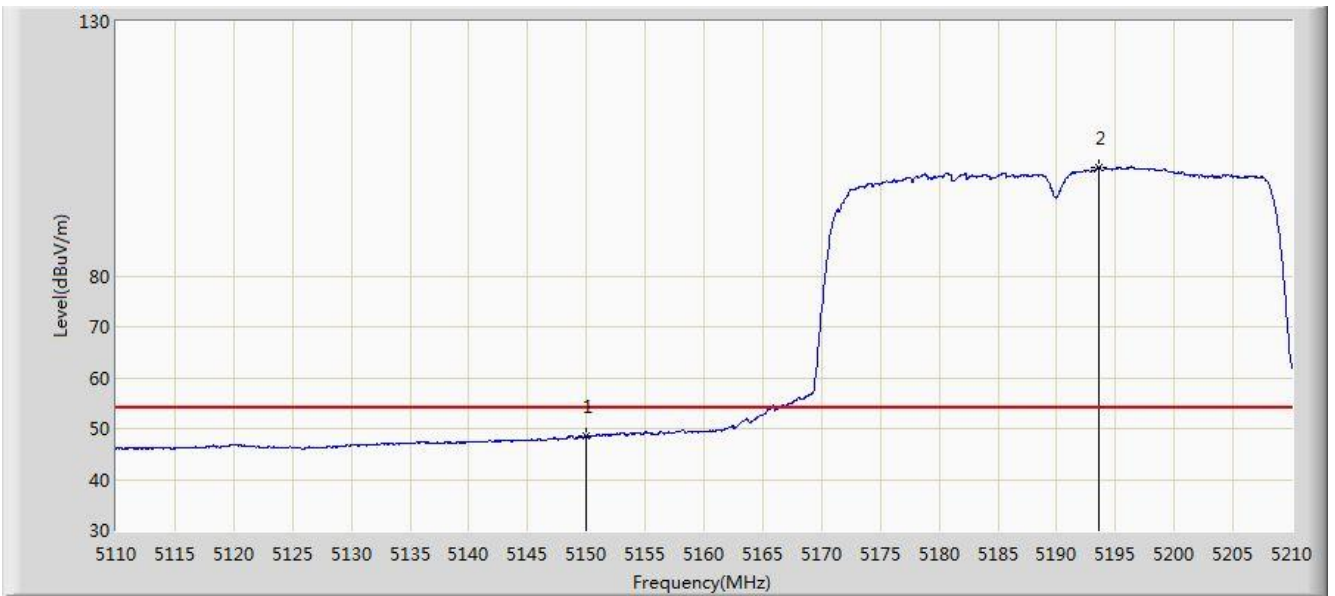


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.750	72.402	68.226	-1.598	74.000	4.176	PK
2			5150.000	68.970	64.801	-5.030	74.000	4.170	PK
3		*	5178.350	112.203	108.128	N/A	N/A	4.074	PK

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

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

Site: AC1	Time: 2017/10/18 - 22:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 (Beam-Forming Mode)	

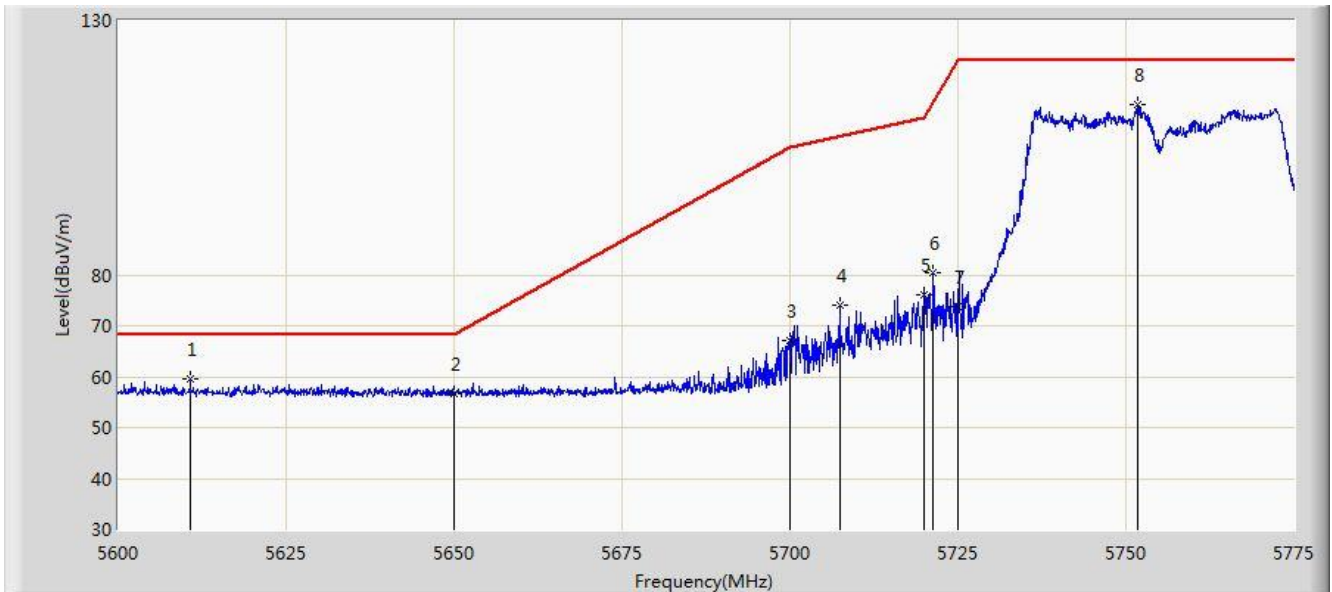


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.608	44.439	-5.392	54.000	4.170	AV
2		*	5193.550	101.329	97.308	N/A	N/A	4.021	AV

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

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

Site: AC1	Time: 2017/10/18 - 23:36
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 (Beam-Forming Mode)	

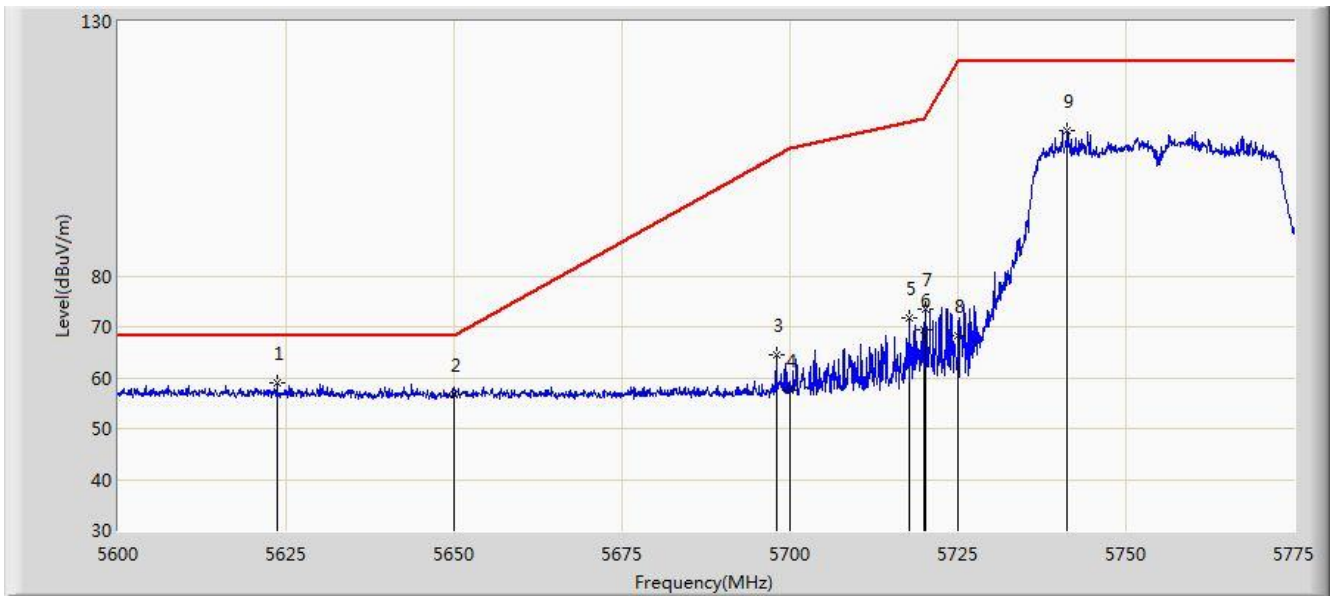


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5610.763	59.576	55.022	-8.624	68.200	4.554	PK
2			5650.000	56.665	51.994	-11.535	68.200	4.671	PK
3			5700.000	67.107	62.229	-38.093	105.200	4.878	PK
4			5707.362	73.963	69.046	-33.300	107.264	4.917	PK
5			5720.000	76.224	71.227	-34.576	110.800	4.997	PK
6			5721.362	80.341	75.335	-33.566	113.906	5.006	PK
7			5725.000	73.875	68.846	-48.325	122.200	5.029	PK
8		*	5751.725	113.416	108.223	N/A	N/A	5.193	PK

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

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

Site: AC1	Time: 2017/10/18 - 23:40
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 (Beam-Forming Mode)	

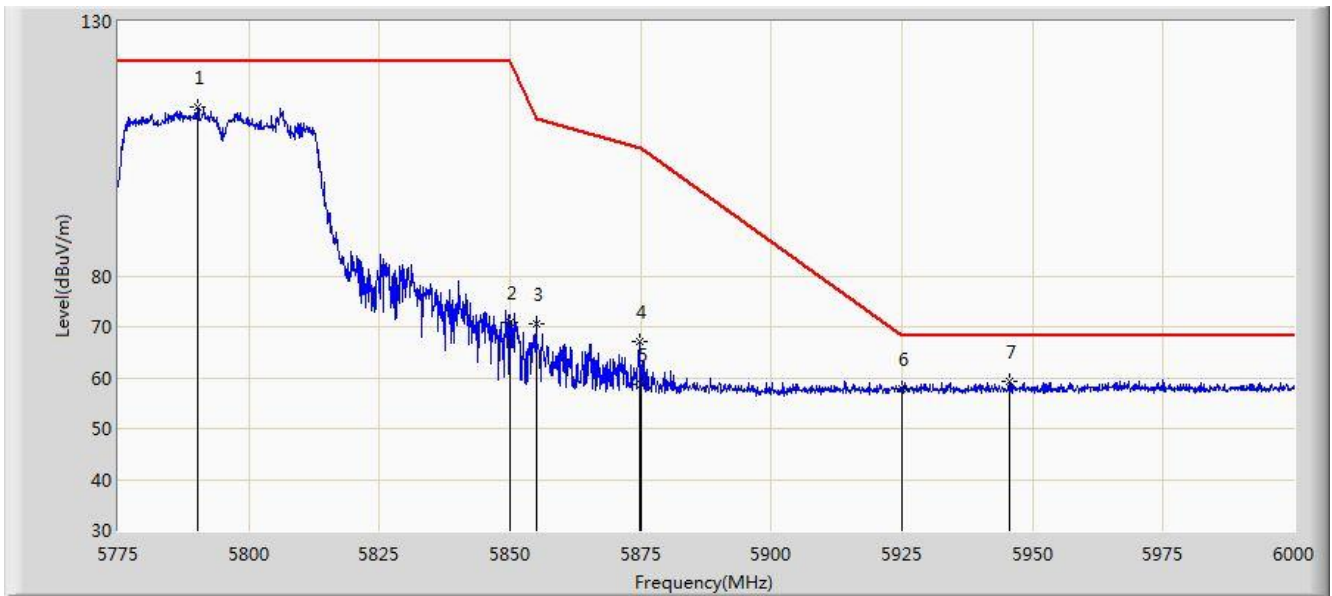


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5623.625	58.877	54.286	-9.323	68.200	4.592	PK
2			5650.000	56.702	52.031	-11.498	68.200	4.671	PK
3			5698.000	64.422	59.554	-39.305	103.726	4.868	PK
4			5700.000	57.549	52.671	-47.651	105.200	4.878	PK
5			5717.687	71.851	66.869	-38.302	110.153	4.982	PK
6			5720.000	69.297	64.300	-41.503	110.800	4.997	PK
7			5720.225	73.556	68.558	-37.757	111.313	4.999	PK
8			5725.000	68.248	63.219	-53.952	122.200	5.029	PK
9		*	5741.225	108.610	103.478	N/A	N/A	5.132	PK

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

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

Site: AC1	Time: 2017/10/18 - 23:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 (Beam-Forming Mode)	

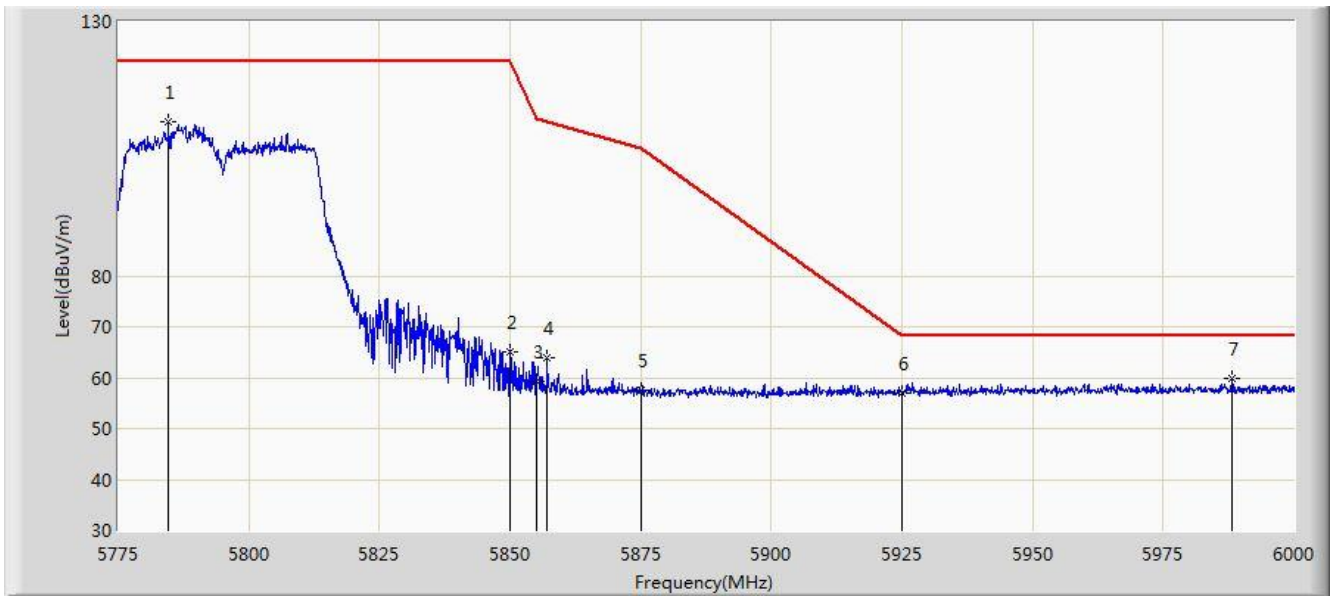


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.187	113.094	107.701	N/A	N/A	5.392	PK
2			5850.000	70.902	65.176	-51.298	122.200	5.726	PK
3			5855.000	70.668	64.922	-40.132	110.800	5.746	PK
4			5874.675	67.146	61.327	-38.145	105.291	5.819	PK
5			5875.000	58.783	52.963	-46.417	105.200	5.820	PK
6			5925.000	57.894	51.928	-10.306	68.200	5.967	PK
7			5945.550	59.204	53.187	-8.996	68.200	6.017	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: 2017/10/18 - 23:51
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 (Beam-Forming Mode)	

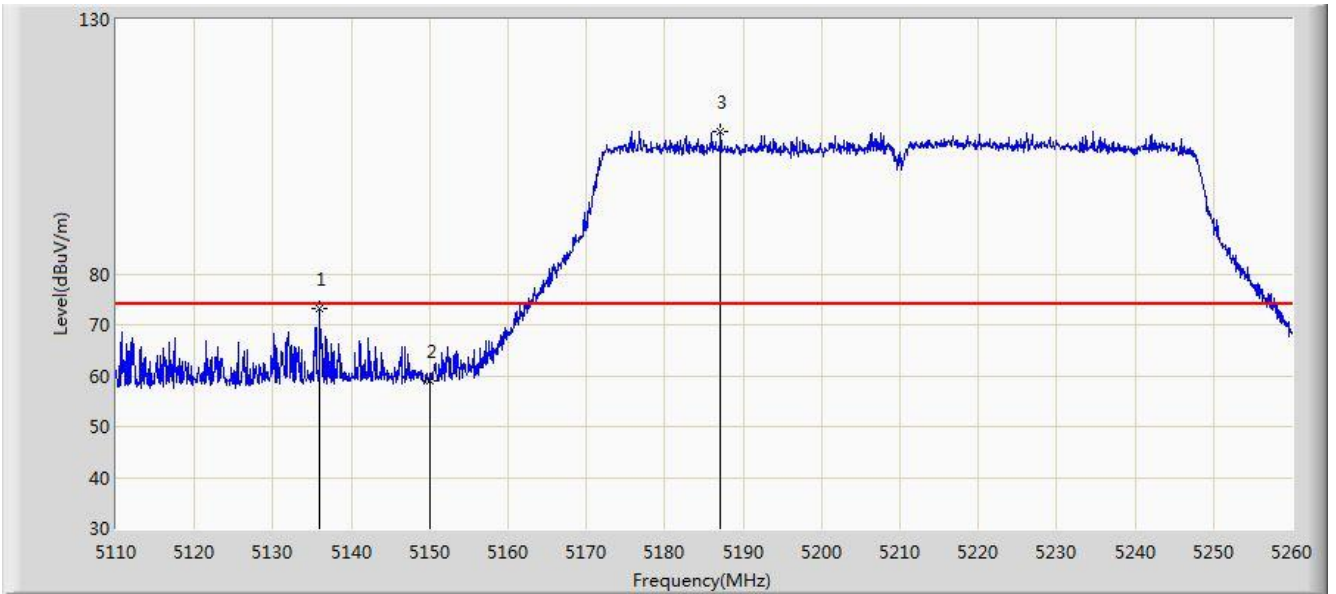


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.675	110.370	105.005	N/A	N/A	5.365	PK
2			5850.000	65.091	59.365	-57.109	122.200	5.726	PK
3			5855.000	59.166	53.420	-51.634	110.800	5.746	PK
4			5857.125	63.804	58.049	-46.400	110.204	5.755	PK
5			5875.000	57.590	51.770	-47.610	105.200	5.820	PK
6			5925.000	57.086	51.120	-11.114	68.200	5.967	PK
7			5988.187	59.874	53.783	-8.326	68.200	6.091	PK

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

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

Site: AC1	Time: 2017/10/19 - 00:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (Beam-Forming Mode)	

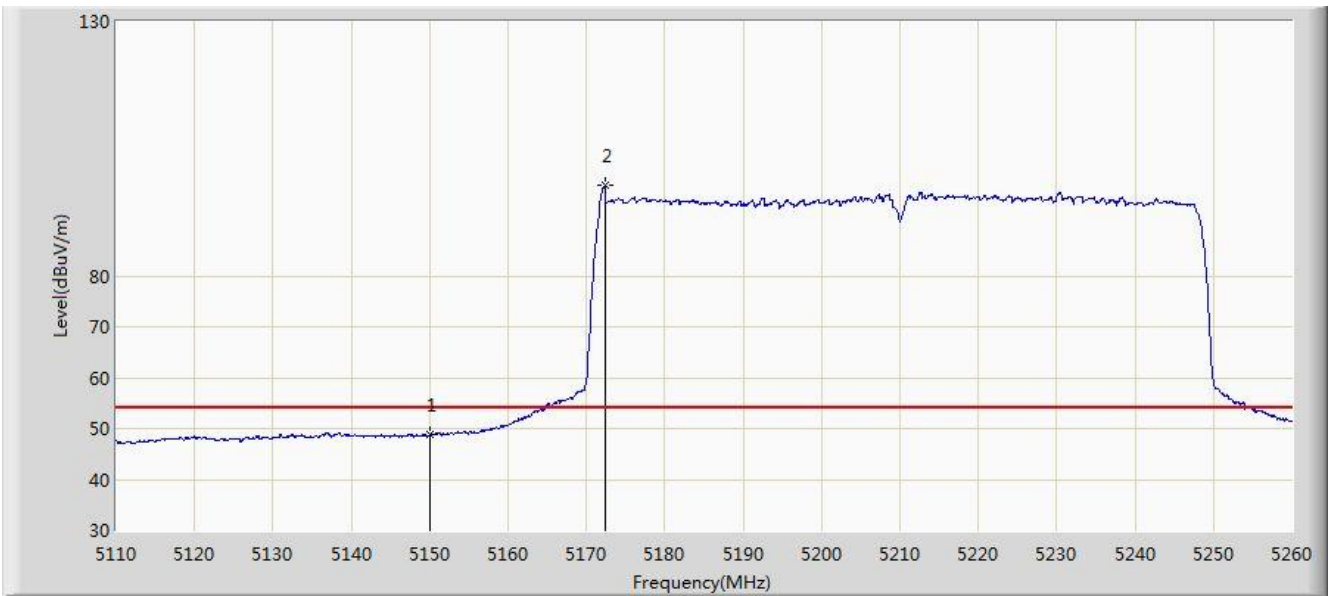


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5136.025	73.186	69.011	-0.814	74.000	4.175	PK
2			5150.000	58.989	54.820	-15.011	74.000	4.170	PK
3		*	5187.100	107.911	103.867	N/A	N/A	4.045	PK

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

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

Site: AC1	Time: 2017/10/19 - 00:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (Beam-Forming Mode)	

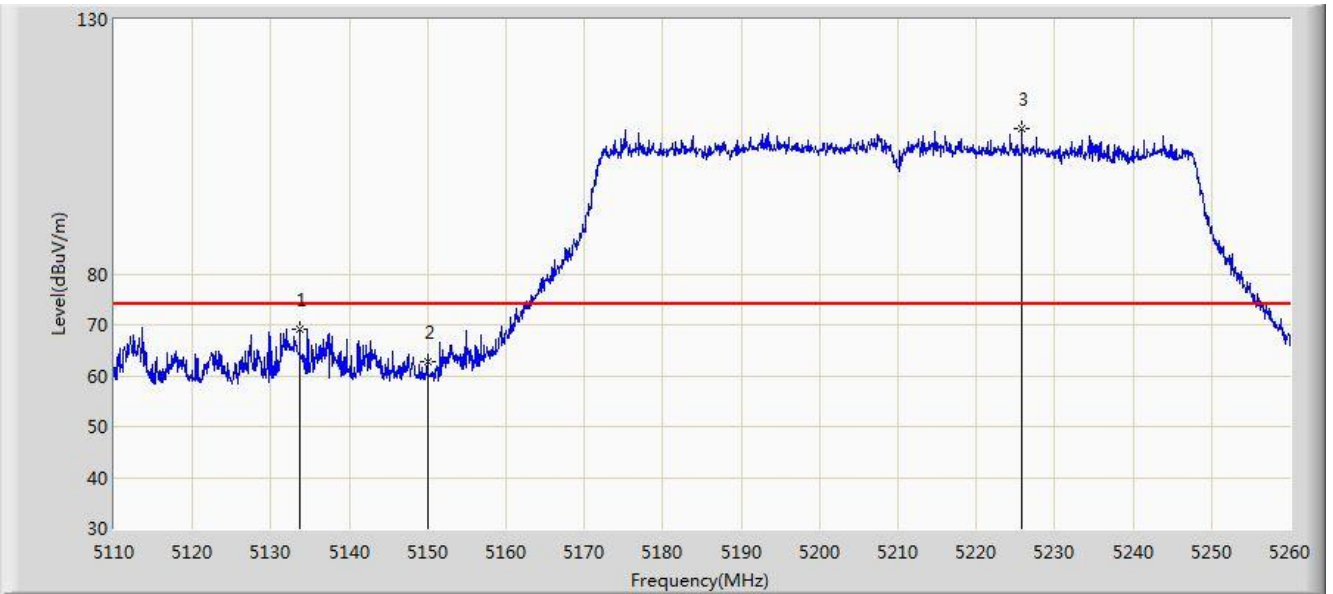


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.783	44.614	-5.217	54.000	4.170	AV
2		*	5172.400	97.888	93.792	N/A	N/A	4.096	AV

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: 2017/10/19 - 00:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (Beam-Forming Mode)	

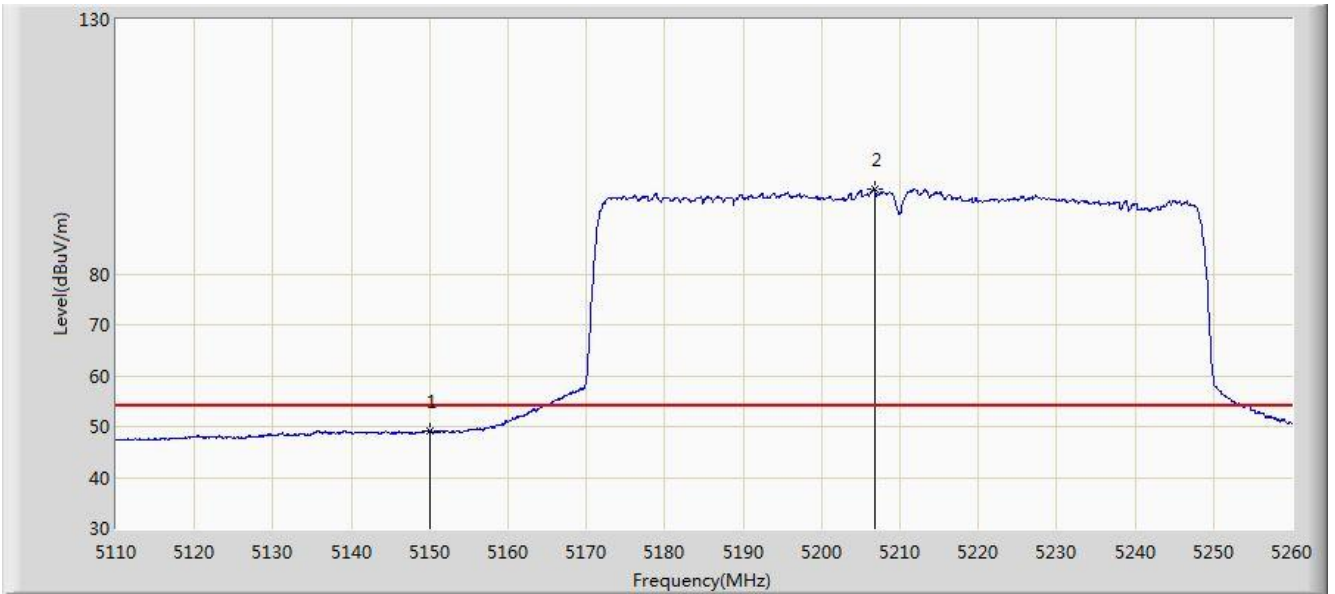


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5133.700	69.024	64.849	-4.976	74.000	4.175	PK
2			5150.000	62.632	58.463	-11.368	74.000	4.170	PK
3		*	5225.800	108.509	104.587	N/A	N/A	3.922	PK

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

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

Site: AC1	Time: 2017/10/19 - 00:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 (Beam-Forming Mode)	

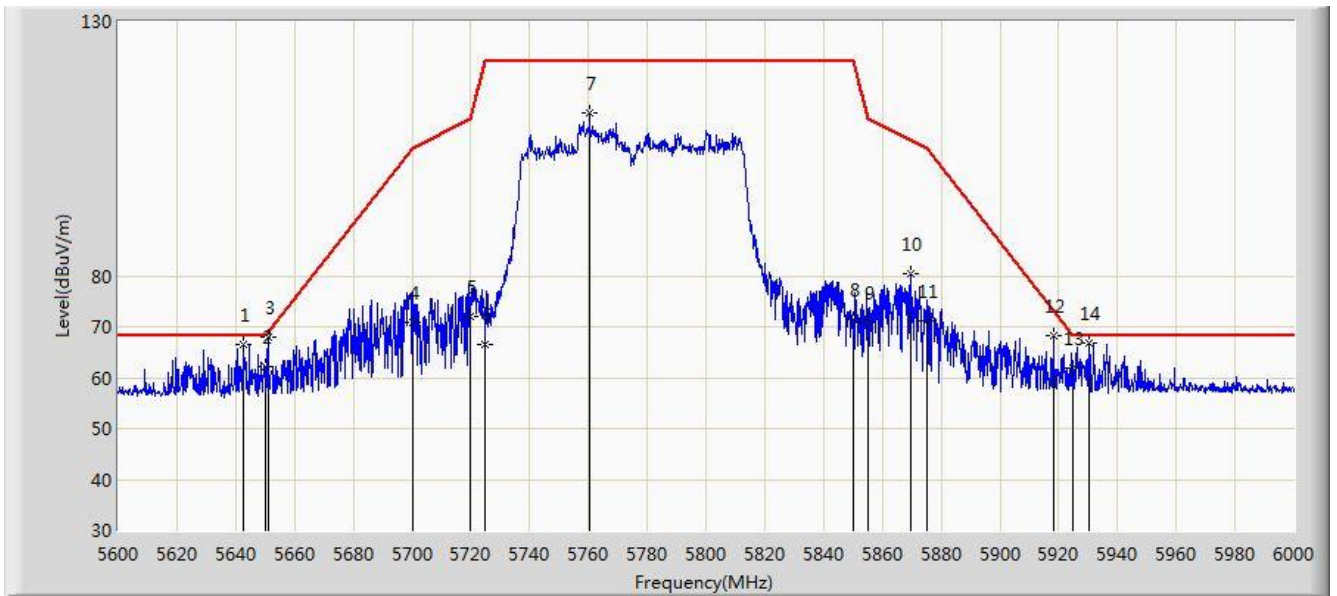


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.036	44.867	-4.964	54.000	4.170	AV
2		*	5206.750	96.637	92.659	N/A	N/A	3.979	AV

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: 2017/10/19 - 00:46
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 (Beam-Forming Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5642.800	66.439	61.792	-1.761	68.200	4.646	PK
2			5650.000	62.109	57.438	-6.091	68.200	4.671	PK
3			5651.000	67.885	63.211	-1.058	68.943	4.674	PK
4			5700.000	70.774	65.896	-34.426	105.200	4.878	PK
5			5720.000	71.887	66.890	-38.913	110.800	4.997	PK
6			5725.000	66.570	61.541	-55.630	122.200	5.029	PK
7		*	5760.400	112.038	106.796	N/A	N/A	5.242	PK
8			5850.000	71.566	65.840	-50.634	122.200	5.726	PK
9			5855.000	70.934	65.188	-39.866	110.800	5.746	PK
10			5869.800	80.349	74.547	-26.305	106.654	5.802	PK
11			5875.000	71.073	65.253	-34.127	105.200	5.820	PK
12			5918.200	68.156	62.206	-5.058	73.214	5.950	PK
13			5925.000	61.983	56.017	-6.217	68.200	5.967	PK
14			5930.400	66.762	60.782	-1.438	68.200	5.979	PK

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

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