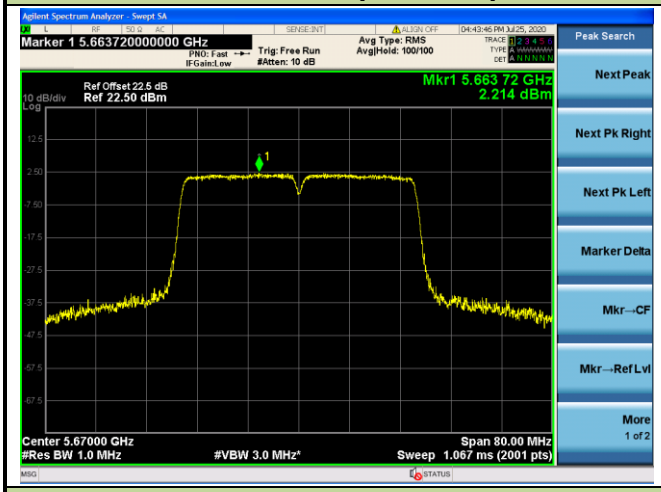
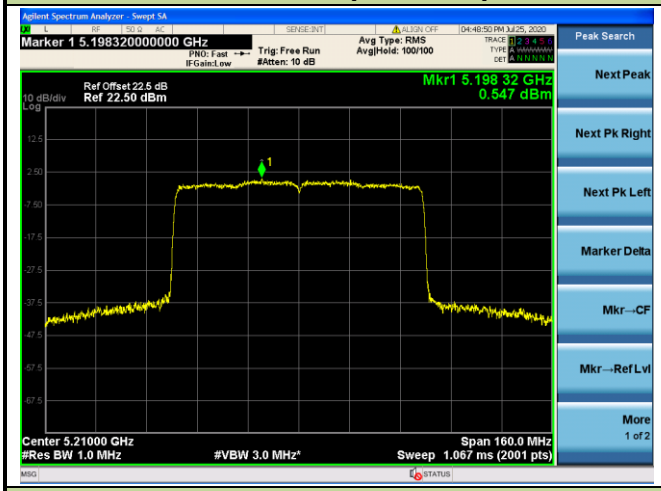
Channel 134 (5670MHz)	Channel 142 (5710MHz)
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

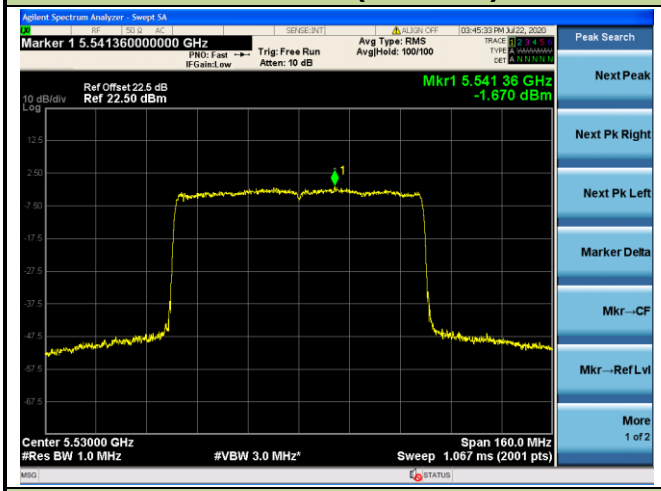
802.11ax-HE80 Power Spectral Density - Ant 1 / Ant 0 + 1

Channel 42 (5210MHz)



Channel 58 (5290MHz)

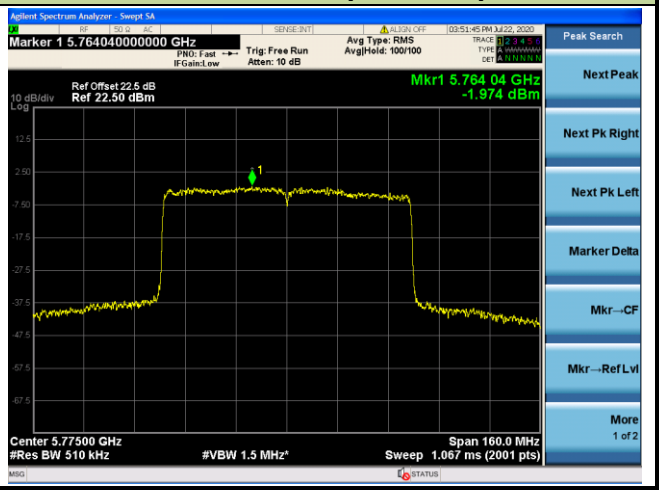
Channel 106 (5530MHz)



Channel 122 (5610MHz)

Channel 138 (5690MHz)

Channel 155 (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:

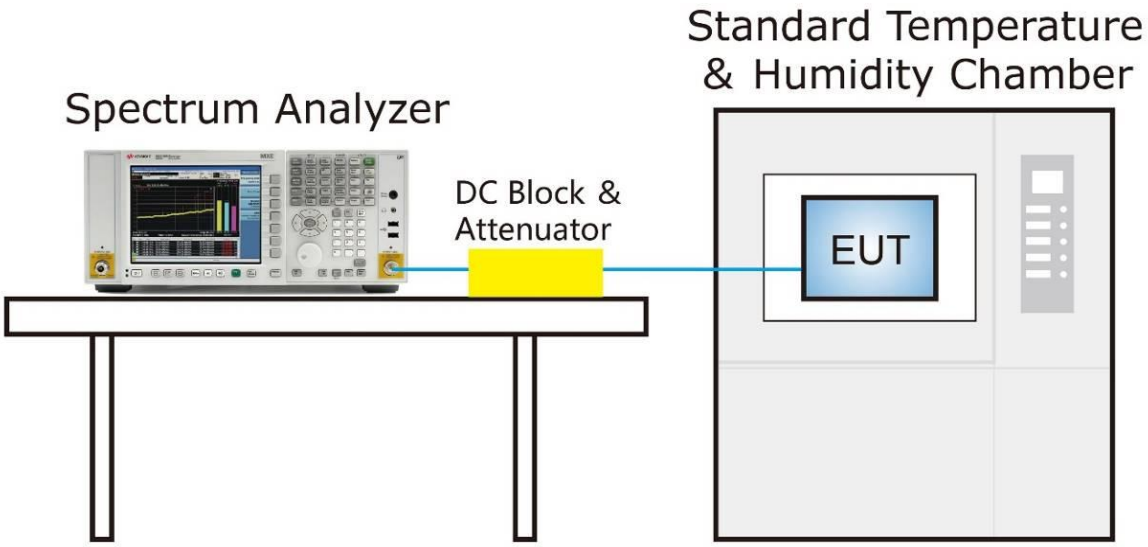
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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 (±15%) and endpoint, recordthe maximum frequency change.

7.7.3.Test Setup



7.7.4.Test Result

Test Engineer	Eric Lin	Test Data	2020/07/22
Test Mode	5180MHz (Carrier Mode)	Test Site	SR2

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	0	-6.45	-5.52	-6.81	-5.71
		+ 10	-6.18	-5.12	-5.10	-5.37
		+ 20 (Ref)	-6.08	-5.75	-6.99	-5.46
		+ 30	-5.89	-5.77	-6.15	-6.73
		+ 40	-6.57	-5.09	-6.82	-5.48
115%	138	+ 20	-6.42	-5.04	-6.01	-5.14
85%	102	+ 20	-5.15	-6.32	-6.53	-5.12

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

7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 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

KDB 789033 D02v02r01- Section G

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 ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

4. Detector = Peak

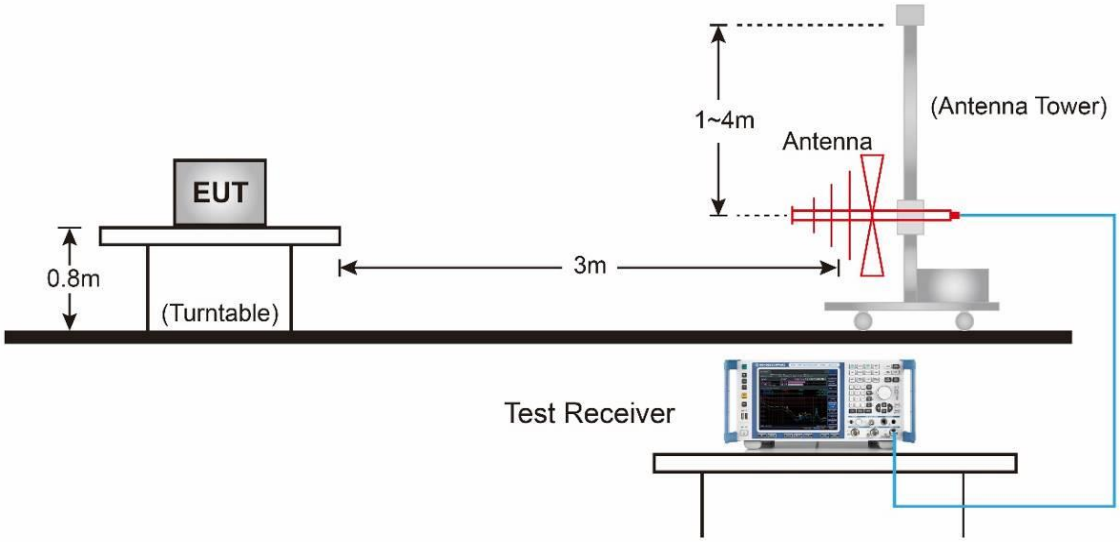
5. Sweep time = auto

6. Trace mode = max hold

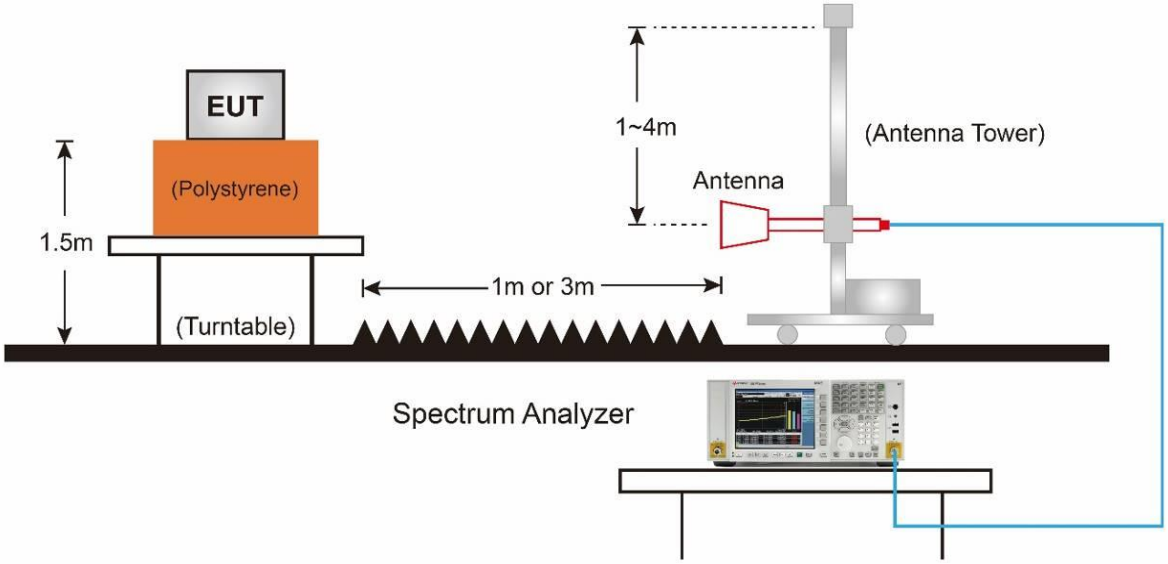
7. Trace was allowed to stabilize

7.8.4.Test Setup

30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



7.8.5.Test Result

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7944.5	30.1	12.4	42.5	68.2	-25.7	Peak	Horizontal
*	8803.0	30.2	13.2	43.4	68.2	-24.8	Peak	Horizontal
	9474.5	29.6	14.4	44.0	74.0	-30.0	Peak	Horizontal
	11591.0	30.3	18.3	48.6	74.0	-25.4	Peak	Horizontal
*	7902.0	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
*	8777.5	29.8	13.1	42.9	68.2	-25.3	Peak	Vertical
	9338.5	28.8	14.2	43.0	74.0	-31.0	Peak	Vertical
	11582.5	28.8	18.3	47.1	74.0	-26.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8021.0	30.4	12.5	42.9	68.2	-25.3	Peak	Horizontal
*	8760.5	30.2	13.1	43.3	68.2	-24.9	Peak	Horizontal
	10945.0	30.3	17.7	48.0	74.0	-26.0	Peak	Horizontal
	15671.0	39.1	21.2	60.3	74.0	-13.7	Peak	Horizontal
*	7978.5	31.3	12.5	43.8	68.2	-24.4	Peak	Vertical
*	8650.0	30.1	12.8	42.9	68.2	-25.3	Peak	Vertical
	12135.0	30.1	17.8	47.9	74.0	-26.1	Peak	Vertical
	15654.0	35.3	21.2	56.5	74.0	-17.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7868.0	29.8	12.3	42.1	68.2	-26.1	Peak	Horizontal
*	8684.0	30.0	12.9	42.9	68.2	-25.3	Peak	Horizontal
	11565.5	29.8	18.4	48.2	74.0	-25.8	Peak	Horizontal
	15721.5	26.3	21.1	47.4	54.0	-6.6	Average	Horizontal
	15722.0	38.7	21.1	59.8	74.0	-14.2	Peak	Horizontal
*	7851.0	30.4	12.3	42.7	68.2	-25.5	Peak	Vertical
*	8624.5	29.2	12.8	42.0	68.2	-26.2	Peak	Vertical
	12109.5	28.5	17.8	46.3	74.0	-27.7	Peak	Vertical
	15713.5	35.0	21.1	56.1	74.0	-17.9	Peak	Vertical
	15721.9	25.8	21.1	46.9	54.0	-7.1	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7834.0	29.2	12.3	41.5	68.2	-26.7	Peak	Horizontal
*	8743.5	30.0	13.1	43.1	68.2	-25.1	Peak	Horizontal
	12305.0	30.6	17.9	48.5	74.0	-25.5	Peak	Horizontal
	15772.5	26.5	21.0	47.5	54.0	-6.5	Average	Horizontal
	15773.0	35.0	21.0	56.0	74.0	-18.0	Peak	Horizontal
*	7842.5	30.1	12.3	42.4	68.2	-25.8	Peak	Vertical
*	8616.0	29.4	12.7	42.1	68.2	-26.1	Peak	Vertical
	11599.5	30.5	18.3	48.8	74.0	-25.2	Peak	Vertical
	15781.5	33.6	21.0	54.6	74.0	-19.4	Peak	Vertical
	15784.0	25.5	21.0	46.5	54.0	-7.5	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	28.2	12.4	40.6	68.2	-27.6	Peak	Horizontal
*	8752.0	30.1	13.1	43.2	68.2	-25.0	Peak	Horizontal
	11531.5	28.5	18.4	46.9	74.0	-27.1	Peak	Horizontal
	15892.0	35.0	20.8	55.8	74.0	-18.2	Peak	Horizontal
	15892.0	24.5	20.8	45.3	54.0	-8.7	Average	Horizontal
*	7910.5	28.8	12.4	41.2	68.2	-27.0	Peak	Vertical
*	8769.0	29.9	13.1	43.0	68.2	-25.2	Peak	Vertical
	11565.5	29.8	18.4	48.2	74.0	-25.8	Peak	Vertical
	15892.0	30.2	20.8	51.0	74.0	-23.0	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	29.0	12.3	41.3	68.2	-26.9	Peak	Horizontal
*	8667.0	27.9	12.9	40.8	68.2	-27.4	Peak	Horizontal
	10715.5	28.8	17.4	46.2	74.0	-27.8	Peak	Horizontal
	15705.0	27.3	21.1	48.4	74.0	-25.6	Peak	Horizontal
*	7859.5	28.5	12.3	40.8	68.2	-27.4	Peak	Vertical
*	8658.5	28.0	12.8	40.8	68.2	-27.4	Peak	Vertical
	11038.5	28.7	17.8	46.5	74.0	-27.5	Peak	Vertical
	15637.0	27.7	21.2	48.9	74.0	-25.1	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7953.0	30.6	12.5	43.1	68.2	-25.1	Peak	Horizontal
*	8752.0	29.7	13.1	42.8	68.2	-25.4	Peak	Horizontal
	12092.5	30.1	17.8	47.9	74.0	-26.1	Peak	Horizontal
	15628.5	27.4	21.2	48.6	74.0	-25.4	Peak	Horizontal
*	7893.5	29.9	12.4	42.3	68.2	-25.9	Peak	Vertical
*	8709.5	30.6	13.0	43.6	68.2	-24.6	Peak	Vertical
	11574.0	29.8	18.4	48.2	74.0	-25.8	Peak	Vertical
	15611.5	28.4	21.3	49.7	74.0	-24.3	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	116
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	28.3	12.3	40.6	68.2	-27.6	Peak	Horizontal
*	8692.5	29.1	12.9	42.0	68.2	-26.2	Peak	Horizontal
	11599.5	29.7	18.3	48.0	74.0	-26.0	Peak	Horizontal
	15603.0	27.3	21.3	48.6	74.0	-25.4	Peak	Horizontal
*	7987.0	30.3	12.5	42.8	68.2	-25.4	Peak	Vertical
*	8641.5	30.2	12.8	43.0	68.2	-25.2	Peak	Vertical
	11642.0	30.3	18.3	48.6	74.0	-25.4	Peak	Vertical
	15705.0	27.0	21.1	48.1	74.0	-25.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7902.0	28.8	12.4	41.2	68.2	-27.0	Peak	Horizontal
*	8692.5	28.7	12.9	41.6	68.2	-26.6	Peak	Horizontal
	11591.0	29.6	18.3	47.9	74.0	-26.1	Peak	Horizontal
	15722.0	28.1	21.1	49.2	74.0	-24.8	Peak	Horizontal
*	7978.5	30.0	12.5	42.5	68.2	-25.7	Peak	Vertical
*	8607.5	30.3	12.7	43.0	68.2	-25.2	Peak	Vertical
	12186.0	30.1	17.9	48.0	74.0	-26.0	Peak	Vertical
	15603.0	26.7	21.3	48.0	74.0	-26.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8012.5	29.8	12.5	42.3	68.2	-25.9	Peak	Horizontal
*	8786.0	30.3	13.2	43.5	68.2	-24.7	Peak	Horizontal
	12271.0	30.9	17.9	48.8	74.0	-25.2	Peak	Horizontal
	15688.0	27.9	21.1	49.0	74.0	-25.0	Peak	Horizontal
*	7919.0	29.4	12.4	41.8	68.2	-26.4	Peak	Vertical
*	8692.5	29.3	12.9	42.2	68.2	-26.0	Peak	Vertical
	11591.0	29.6	18.3	47.9	74.0	-26.1	Peak	Vertical
	15543.5	28.0	21.4	49.4	74.0	-24.6	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7987.0	30.6	12.5	43.1	68.2	-25.1	Peak	Horizontal
*	8658.5	29.0	12.8	41.8	68.2	-26.4	Peak	Horizontal
	10885.5	28.8	17.6	46.4	74.0	-27.6	Peak	Horizontal
	15603.0	27.8	21.3	49.1	74.0	-24.9	Peak	Horizontal
*	7902.0	29.1	12.4	41.5	68.2	-26.7	Peak	Vertical
*	8599.0	31.5	12.7	44.2	68.2	-24.0	Peak	Vertical
	12118.0	29.6	17.8	47.4	74.0	-26.6	Peak	Vertical
	15603.0	27.5	21.3	48.8	74.0	-25.2	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7944.5	29.4	12.4	41.8	68.2	-26.4	Peak	Horizontal
*	8726.5	29.8	13.0	42.8	68.2	-25.4	Peak	Horizontal
	12237.0	30.2	17.9	48.1	74.0	-25.9	Peak	Horizontal
	15509.5	27.0	21.4	48.4	74.0	-25.6	Peak	Horizontal
*	7970.0	29.1	12.5	41.6	68.2	-26.6	Peak	Vertical
*	8607.5	30.1	12.7	42.8	68.2	-25.4	Peak	Vertical
	11582.5	29.3	18.3	47.6	74.0	-26.4	Peak	Vertical
	15722.0	27.3	21.1	48.4	74.0	-25.6	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11a - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7978.5	29.3	12.5	41.8	68.2	-26.4	Peak	Horizontal
*	8794.5	29.8	13.2	43.0	68.2	-25.2	Peak	Horizontal
	12126.5	30.6	17.8	48.4	74.0	-25.6	Peak	Horizontal
	15535.0	27.0	21.4	48.4	74.0	-25.6	Peak	Horizontal
*	7893.5	27.6	12.4	40.0	68.2	-28.2	Peak	Vertical
*	8684.0	29.2	12.9	42.1	68.2	-26.1	Peak	Vertical
	11531.5	28.7	18.4	47.1	74.0	-26.9	Peak	Vertical
	15620.0	27.8	21.2	49.0	74.0	-25.0	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7817.0	29.8	12.2	42.0	68.2	-26.2	Peak	Horizontal
*	8769.0	29.6	13.1	42.7	68.2	-25.5	Peak	Horizontal
	11616.5	30.1	18.3	48.4	74.0	-25.6	Peak	Horizontal
	15594.5	27.5	21.3	48.8	74.0	-25.2	Peak	Horizontal
*	7851.0	30.1	12.3	42.4	68.2	-25.8	Peak	Vertical
*	8692.5	29.1	12.9	42.0	68.2	-26.2	Peak	Vertical
	11565.5	29.7	18.4	48.1	74.0	-25.9	Peak	Vertical
	15611.5	28.0	21.3	49.3	74.0	-24.7	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	7987.0	29.6	12.5	42.1	68.2	-26.1	Peak	Horizontal
*	8752.0	29.9	13.1	43.0	68.2	-25.2	Peak	Horizontal
	11608.0	30.5	18.3	48.8	74.0	-25.2	Peak	Horizontal
	15645.5	39.5	21.2	60.7	74.0	-13.3	Peak	Horizontal
	15657.9	26.7	21.2	47.9	54.0	-6.1	Average	Horizontal
*	7885.0	28.0	12.3	40.3	68.2	-27.9	Peak	Vertical
*	8811.5	29.5	13.2	42.7	68.2	-25.5	Peak	Vertical
	11633.5	29.9	18.3	48.2	74.0	-25.8	Peak	Vertical
	15645.5	37.6	21.2	58.8	74.0	-15.2	Peak	Vertical
	15658.2	25.4	21.2	46.6	54.0	-7.4	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	29.6	12.2	41.8	68.2	-26.4	Peak	Horizontal
*	8752.0	29.7	13.1	42.8	68.2	-25.4	Peak	Horizontal
	11599.5	30.2	18.3	48.5	74.0	-25.5	Peak	Horizontal
	15722.0	37.9	21.1	59.0	74.0	-15.0	Peak	Horizontal
	15723.5	25.6	21.1	46.7	54.0	-7.3	Average	Horizontal
*	8004.0	29.9	12.5	42.4	68.2	-25.8	Peak	Vertical
*	8675.5	30.0	12.9	42.9	68.2	-25.3	Peak	Vertical
	11642.0	29.4	18.3	47.7	74.0	-26.3	Peak	Vertical
	15722.0	34.9	21.1	56.0	74.0	-18.0	Peak	Vertical
	15723.7	24.5	21.1	45.6	54.0	-8.4	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	29.9	12.4	42.3	68.2	-25.9	Peak	Horizontal
*	8616.0	29.1	12.7	41.8	68.2	-26.4	Peak	Horizontal
	11642.0	29.9	18.3	48.2	74.0	-25.8	Peak	Horizontal
	15781.5	36.1	21.0	57.1	74.0	-16.9	Peak	Horizontal
	15782.2	25.4	21.0	46.4	54.0	-7.6	Average	Horizontal
*	7876.5	28.8	12.3	41.1	68.2	-27.1	Peak	Vertical
*	8726.5	28.6	13.0	41.6	68.2	-26.6	Peak	Vertical
	11684.5	30.3	18.2	48.5	74.0	-25.5	Peak	Vertical
	15781.5	32.3	21.0	53.3	74.0	-20.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.0	13.2	43.2	68.2	-25.0	Peak	Horizontal
*	10307.5	29.4	16.4	45.8	68.2	-22.4	Peak	Horizontal
	12237.0	30.8	17.9	48.7	74.0	-25.3	Peak	Horizontal
	15900.5	34.0	20.8	54.8	74.0	-19.2	Peak	Horizontal
	15902.0	24.4	20.8	45.2	54.0	-8.8	Average	Horizontal
*	7910.5	28.3	12.4	40.7	68.2	-27.5	Peak	Vertical
*	8786.0	30.0	13.2	43.2	68.2	-25.0	Peak	Vertical
	12058.5	28.6	17.8	46.4	74.0	-27.6	Peak	Vertical
	15883.5	29.0	20.8	49.8	74.0	-24.2	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	30.2	12.9	43.1	68.2	-25.1	Peak	Horizontal
*	10282.0	29.6	16.3	45.9	68.2	-22.3	Peak	Horizontal
	12135.0	30.7	17.8	48.5	74.0	-25.5	Peak	Horizontal
	15722.0	26.1	21.1	47.2	74.0	-26.8	Peak	Horizontal
*	7910.5	28.6	12.4	41.0	68.2	-27.2	Peak	Vertical
*	8692.5	30.5	12.9	43.4	68.2	-24.8	Peak	Vertical
	11693.0	30.0	18.2	48.2	74.0	-25.8	Peak	Vertical
	15645.5	27.5	21.2	48.7	74.0	-25.3	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.9	13.1	43.0	68.2	-25.2	Peak	Horizontal
*	9746.5	31.2	14.9	46.1	68.2	-22.1	Peak	Horizontal
	11531.5	28.7	18.4	47.1	74.0	-26.9	Peak	Horizontal
	15509.5	26.3	21.4	47.7	74.0	-26.3	Peak	Horizontal
*	7953.0	28.4	12.5	40.9	68.2	-27.3	Peak	Vertical
*	8616.0	29.9	12.7	42.6	68.2	-25.6	Peak	Vertical
	11642.0	29.7	18.3	48.0	74.0	-26.0	Peak	Vertical
	15535.0	27.2	21.4	48.6	74.0	-25.4	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	116
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7910.5	29.1	12.4	41.5	68.2	-26.7	Peak	Horizontal
*	8760.5	30.6	13.1	43.7	68.2	-24.5	Peak	Horizontal
	11523.0	29.6	18.4	48.0	74.0	-26.0	Peak	Horizontal
	15611.5	27.6	21.3	48.9	74.0	-25.1	Peak	Horizontal
*	8811.5	27.6	13.2	40.8	68.2	-27.4	Peak	Vertical
*	10392.5	29.0	16.7	45.7	68.2	-22.5	Peak	Vertical
	12279.5	30.6	17.9	48.5	74.0	-25.5	Peak	Vertical
	15501.0	27.0	21.4	48.4	74.0	-25.6	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.0	13.1	43.1	68.2	-25.1	Peak	Horizontal
*	10392.5	29.2	16.7	45.9	68.2	-22.3	Peak	Horizontal
	11642.0	29.8	18.3	48.1	74.0	-25.9	Peak	Horizontal
	15713.5	27.1	21.1	48.2	74.0	-25.8	Peak	Horizontal
*	8769.0	29.7	13.1	42.8	68.2	-25.4	Peak	Vertical
*	9729.5	30.6	14.9	45.5	68.2	-22.7	Peak	Vertical
	11693.0	29.9	18.2	48.1	74.0	-25.9	Peak	Vertical
	15705.0	27.9	21.1	49.0	74.0	-25.0	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8650.0	30.7	12.8	43.5	68.2	-24.7	Peak	Horizontal
*	10333.0	29.7	16.5	46.2	68.2	-22.0	Peak	Horizontal
	12237.0	30.5	17.9	48.4	74.0	-25.6	Peak	Horizontal
	15603.0	28.1	21.3	49.4	74.0	-24.6	Peak	Horizontal
*	8769.0	29.8	13.1	42.9	68.2	-25.3	Peak	Vertical
*	10010.0	28.8	15.4	44.2	68.2	-24.0	Peak	Vertical
	10970.5	29.3	17.7	47.0	74.0	-27.0	Peak	Vertical
	15637.0	27.1	21.2	48.3	74.0	-25.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	149
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.0	12.7	42.7	68.2	-25.5	Peak	Horizontal
*	10035.5	28.2	15.5	43.7	68.2	-24.5	Peak	Horizontal
	11701.5	31.0	18.2	49.2	74.0	-24.8	Peak	Horizontal
	15781.5	27.1	21.0	48.1	74.0	-25.9	Peak	Horizontal
*	8769.0	29.9	13.1	43.0	68.2	-25.2	Peak	Vertical
*	10401.0	29.4	16.7	46.1	68.2	-22.1	Peak	Vertical
	11650.5	28.8	18.3	47.1	74.0	-26.9	Peak	Vertical
	15603.0	27.9	21.3	49.2	74.0	-24.8	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	157
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8760.5	30.0	13.1	43.1	68.2	-25.1	Peak	Horizontal
*	10256.5	29.4	16.2	45.6	68.2	-22.6	Peak	Horizontal
	12288.0	30.7	17.9	48.6	74.0	-25.4	Peak	Horizontal
	15951.5	27.2	20.7	47.9	74.0	-26.1	Peak	Horizontal
*	8684.0	30.2	12.9	43.1	68.2	-25.1	Peak	Vertical
*	10256.5	29.9	16.2	46.1	68.2	-22.1	Peak	Vertical
	11599.5	29.7	18.3	48.0	74.0	-26.0	Peak	Vertical
	15560.5	26.5	21.3	47.8	74.0	-26.2	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	165
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.0	12.8	42.8	68.2	-25.4	Peak	Horizontal
*	9712.5	30.6	14.8	45.4	68.2	-22.8	Peak	Horizontal
	11684.5	30.2	18.2	48.4	74.0	-25.6	Peak	Horizontal
	15620.0	27.6	21.2	48.8	74.0	-25.2	Peak	Horizontal
*	8769.0	29.7	13.1	42.8	68.2	-25.4	Peak	Vertical
*	9636.0	30.8	14.7	45.5	68.2	-22.7	Peak	Vertical
	12305.0	31.0	17.9	48.9	74.0	-25.1	Peak	Vertical
	15705.0	27.9	21.1	49.0	74.0	-25.0	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.3	12.7	42.0	68.2	-26.2	Peak	Horizontal
*	10154.5	29.9	15.9	45.8	68.2	-22.4	Peak	Horizontal
	11735.5	27.8	18.2	46.0	74.0	-28.0	Peak	Horizontal
	15637.0	28.4	21.2	49.6	74.0	-24.4	Peak	Horizontal
*	8769.0	30.5	13.1	43.6	68.2	-24.6	Peak	Vertical
*	10537.0	29.3	17.1	46.4	68.2	-21.8	Peak	Vertical
	11582.5	29.8	18.3	48.1	74.0	-25.9	Peak	Vertical
	15637.0	27.4	21.2	48.6	74.0	-25.4	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8607.5	29.9	12.7	42.6	68.2	-25.6	Peak	Horizontal
*	10299.0	29.2	16.4	45.6	68.2	-22.6	Peak	Horizontal
	12262.5	30.4	17.9	48.3	74.0	-25.7	Peak	Horizontal
	15688.0	34.8	21.1	55.9	74.0	-18.1	Peak	Horizontal
	15689.4	25.3	21.1	46.4	54.0	-7.6	Average	Horizontal
*	8769.0	30.1	13.1	43.2	68.2	-25.0	Peak	Vertical
*	10248.0	29.2	16.2	45.4	68.2	-22.8	Peak	Vertical
	12254.0	30.7	17.9	48.6	74.0	-25.4	Peak	Vertical
	15679.5	35.9	21.1	57.0	74.0	-17.0	Peak	Vertical
	15679.6	27.2	21.1	48.3	54.0	-5.7	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	28.6	12.9	41.5	68.2	-26.7	Peak	Horizontal
*	9729.5	30.6	14.9	45.5	68.2	-22.7	Peak	Horizontal
	12313.5	30.8	17.9	48.7	74.0	-25.3	Peak	Horizontal
	15798.5	32.3	20.9	53.2	74.0	-20.8	Peak	Horizontal
*	8760.5	30.0	13.1	43.1	68.2	-25.1	Peak	Vertical
*	10520.0	29.0	17.1	46.1	68.2	-22.1	Peak	Vertical
	11608.0	30.5	18.3	48.8	74.0	-25.2	Peak	Vertical
	15790.0	31.0	21.0	52.0	74.0	-22.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	30.1	12.9	43.0	68.2	-25.2	Peak	Horizontal
*	10256.5	28.8	16.2	45.0	68.2	-23.2	Peak	Horizontal
	11795.0	29.9	18.1	48.0	74.0	-26.0	Peak	Horizontal
	15560.5	27.6	21.3	48.9	74.0	-25.1	Peak	Horizontal
*	8760.5	31.3	13.1	44.4	68.2	-23.8	Peak	Vertical
*	10333.0	29.0	16.5	45.5	68.2	-22.7	Peak	Vertical
	12143.5	30.4	17.8	48.2	74.0	-25.8	Peak	Vertical
	15713.5	26.0	21.1	47.1	74.0	-26.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.8	12.7	42.5	68.2	-25.7	Peak	Horizontal
*	9721.0	30.0	14.8	44.8	68.2	-23.4	Peak	Horizontal
	12254.0	30.4	17.9	48.3	74.0	-25.7	Peak	Horizontal
	15985.5	28.3	20.6	48.9	74.0	-25.1	Peak	Horizontal
*	8692.5	29.4	12.9	42.3	68.2	-25.9	Peak	Vertical
*	10001.5	30.0	15.4	45.4	68.2	-22.8	Peak	Vertical
	11786.5	27.6	18.1	45.7	74.0	-28.3	Peak	Vertical
	15654.0	26.1	21.2	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	110
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8633.0	30.2	12.8	43.0	68.2	-25.2	Peak	Horizontal
*	10503.0	28.7	17.1	45.8	68.2	-22.4	Peak	Horizontal
	11582.5	29.5	18.3	47.8	74.0	-26.2	Peak	Horizontal
	15705.0	27.2	21.1	48.3	74.0	-25.7	Peak	Horizontal
*	8888.0	30.7	13.4	44.1	68.2	-24.1	Peak	Vertical
*	10290.5	29.5	16.4	45.9	68.2	-22.3	Peak	Vertical
	12237.0	30.7	17.9	48.6	74.0	-25.4	Peak	Vertical
	15492.5	25.7	21.5	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8803.0	30.7	13.2	43.9	68.2	-24.3	Peak	Horizontal
*	10469.0	29.2	17.0	46.2	68.2	-22.0	Peak	Horizontal
	12203.0	30.1	17.9	48.0	74.0	-26.0	Peak	Horizontal
	15603.0	28.0	21.3	49.3	74.0	-24.7	Peak	Horizontal
*	8786.0	29.6	13.2	42.8	68.2	-25.4	Peak	Vertical
*	10214.0	27.4	16.1	43.5	68.2	-24.7	Peak	Vertical
	11642.0	29.3	18.3	47.6	74.0	-26.4	Peak	Vertical
	15883.5	27.3	20.8	48.1	74.0	-25.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.4	12.8	44.2	68.2	-24.0	Peak	Horizontal
*	9814.5	30.2	15.0	45.2	68.2	-23.0	Peak	Horizontal
	11582.5	29.1	18.3	47.4	74.0	-26.6	Peak	Horizontal
	15790.0	25.9	21.0	46.9	74.0	-27.1	Peak	Horizontal
*	8820.0	29.6	13.2	42.8	68.2	-25.4	Peak	Vertical
*	10290.5	28.3	16.4	44.7	68.2	-23.5	Peak	Vertical
	11735.5	27.1	18.2	45.3	74.0	-28.7	Peak	Vertical
	15586.0	27.7	21.3	49.0	74.0	-25.0	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8701.0	29.4	12.9	42.3	68.2	-25.9	Peak	Horizontal
*	10426.5	29.1	16.8	45.9	68.2	-22.3	Peak	Horizontal
	11540.0	29.3	18.4	47.7	74.0	-26.3	Peak	Horizontal
	15509.5	26.5	21.4	47.9	74.0	-26.1	Peak	Horizontal
*	8726.5	27.8	13.0	40.8	68.2	-27.4	Peak	Vertical
*	10035.5	28.4	15.5	43.9	68.2	-24.3	Peak	Vertical
	12262.5	30.2	17.9	48.1	74.0	-25.9	Peak	Vertical
	15798.5	25.6	20.9	46.5	74.0	-27.5	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.0	13.1	43.1	68.2	-25.1	Peak	Horizontal
*	10163.0	28.9	15.9	44.8	68.2	-23.4	Peak	Horizontal
	11591.0	29.5	18.3	47.8	74.0	-26.2	Peak	Horizontal
	15628.5	29.0	21.2	50.2	74.0	-23.8	Peak	Horizontal
*	8777.5	30.5	13.1	43.6	68.2	-24.6	Peak	Vertical
*	10503.0	29.1	17.1	46.2	68.2	-22.0	Peak	Vertical
	11599.5	29.8	18.3	48.1	74.0	-25.9	Peak	Vertical
	15807.0	27.7	20.9	48.6	74.0	-25.4	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.1	12.9	43.0	68.2	-25.2	Peak	Horizontal
*	9721.0	30.7	14.8	45.5	68.2	-22.7	Peak	Horizontal
	12203.0	31.4	17.9	49.3	74.0	-24.7	Peak	Horizontal
	15781.5	27.4	21.0	48.4	74.0	-25.6	Peak	Horizontal
*	8845.5	28.8	13.3	42.1	68.2	-26.1	Peak	Vertical
*	9814.5	28.3	15.0	43.3	68.2	-24.9	Peak	Vertical
	11684.5	29.1	18.2	47.3	74.0	-26.7	Peak	Vertical
	15713.5	27.6	21.1	48.7	74.0	-25.3	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8633.0	30.3	12.8	43.1	68.2	-25.1	Peak	Horizontal
*	10307.5	29.6	16.4	46.0	68.2	-22.2	Peak	Horizontal
	11574.0	29.8	18.4	48.2	74.0	-25.8	Peak	Horizontal
	15807.0	27.5	20.9	48.4	74.0	-25.6	Peak	Horizontal
*	8709.5	27.8	13.0	40.8	68.2	-27.4	Peak	Vertical
*	10520.0	29.1	17.1	46.2	68.2	-22.0	Peak	Vertical
	12245.5	30.9	17.9	48.8	74.0	-25.2	Peak	Vertical
	15560.5	27.1	21.3	48.4	74.0	-25.6	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8624.5	31.5	12.8	44.3	68.2	-23.9	Peak	Horizontal
*	9738.0	31.0	14.9	45.9	68.2	-22.3	Peak	Horizontal
	12288.0	30.4	17.9	48.3	74.0	-25.7	Peak	Horizontal
	15883.5	26.5	20.8	47.3	74.0	-26.7	Peak	Horizontal
*	8854.0	27.9	13.3	41.2	68.2	-27.0	Peak	Vertical
*	10078.0	28.1	15.6	43.7	68.2	-24.5	Peak	Vertical
	12305.0	30.5	17.9	48.4	74.0	-25.6	Peak	Vertical
	15535.0	27.5	21.4	48.9	74.0	-25.1	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.0	13.0	43.0	68.2	-25.2	Peak	Horizontal
*	9993.0	28.4	15.3	43.7	68.2	-24.5	Peak	Horizontal
	11489.0	29.1	18.4	47.5	74.0	-26.5	Peak	Horizontal
	15620.0	27.8	21.2	49.0	74.0	-25.0	Peak	Horizontal
*	8701.0	29.6	12.9	42.5	68.2	-25.7	Peak	Vertical
*	9789.0	29.6	15.0	44.6	68.2	-23.6	Peak	Vertical
	11701.5	29.7	18.2	47.9	74.0	-26.1	Peak	Vertical
	15679.5	27.3	21.1	48.4	74.0	-25.6	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.5	13.1	42.6	68.2	-25.6	Peak	Horizontal
*	10324.5	29.4	16.5	45.9	68.2	-22.3	Peak	Horizontal
	12126.5	30.7	17.8	48.5	74.0	-25.5	Peak	Horizontal
	15543.5	26.7	21.4	48.1	74.0	-25.9	Peak	Horizontal
*	8854.0	27.8	13.3	41.1	68.2	-27.1	Peak	Vertical
*	10350.0	26.6	16.6	43.2	68.2	-25.0	Peak	Vertical
	11540.0	29.6	18.4	48.0	74.0	-26.0	Peak	Vertical
	15611.5	27.3	21.3	48.6	74.0	-25.4	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.9	13.1	43.0	68.2	-25.2	Peak	Horizontal
*	10316.0	28.8	16.4	45.2	68.2	-23.0	Peak	Horizontal
	12305.0	30.1	17.9	48.0	74.0	-26.0	Peak	Horizontal
	15637.0	27.3	21.2	48.5	74.0	-25.5	Peak	Horizontal
*	8811.5	28.2	13.2	41.4	68.2	-26.8	Peak	Vertical
*	10078.0	28.4	15.6	44.0	68.2	-24.2	Peak	Vertical
	12645.0	31.1	18.3	49.4	74.0	-24.6	Peak	Vertical
	15637.0	26.4	21.2	47.6	74.0	-26.4	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.6	13.1	42.7	68.2	-25.5	Peak	Horizontal
*	10137.5	30.2	15.8	46.0	68.2	-22.2	Peak	Horizontal
	12118.0	30.1	17.8	47.9	74.0	-26.1	Peak	Horizontal
	15637.0	27.8	21.2	49.0	74.0	-25.0	Peak	Horizontal
*	8811.5	28.6	13.2	41.8	68.2	-26.4	Peak	Vertical
*	9755.0	30.1	14.9	45.0	68.2	-23.2	Peak	Vertical
	12381.5	30.7	17.9	48.6	74.0	-25.4	Peak	Vertical
	15824.0	26.5	20.9	47.4	74.0	-26.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	28.5	13.1	41.6	68.2	-26.6	Peak	Horizontal
*	10324.5	29.0	16.5	45.5	68.2	-22.7	Peak	Horizontal
	11599.5	29.4	18.3	47.7	74.0	-26.3	Peak	Horizontal
	15654.0	35.5	21.2	56.7	74.0	-17.3	Peak	Horizontal
	15659.0	25.4	21.2	46.6	54.0	-7.4	Average	Horizontal
*	8854.0	28.4	13.3	41.7	68.2	-26.5	Peak	Vertical
*	10248.0	30.1	16.2	46.3	68.2	-21.9	Peak	Vertical
	11599.5	29.8	18.3	48.1	74.0	-25.9	Peak	Vertical
	15656.8	26.7	21.2	47.9	54.0	-6.1	Average	Vertical
	15662.5	37.6	21.2	58.8	74.0	-15.2	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	30.8	12.9	43.7	68.2	-24.5	Peak	Horizontal
*	10282.0	29.5	16.3	45.8	68.2	-22.4	Peak	Horizontal
	11633.5	30.0	18.3	48.3	74.0	-25.7	Peak	Horizontal
	15713.2	24.9	21.1	46.0	54.0	-8.0	Average	Horizontal
	15713.5	35.1	21.1	56.2	74.0	-17.8	Peak	Horizontal
*	8735.0	29.1	13.0	42.1	68.2	-26.1	Peak	Vertical
*	9942.0	27.4	15.3	42.7	68.2	-25.5	Peak	Vertical
	11591.0	30.2	18.3	48.5	74.0	-25.5	Peak	Vertical
	15730.5	33.5	21.1	54.6	74.0	-19.4	Peak	Vertical
	15732.6	24.5	21.1	45.6	54.0	-8.4	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8675.5	30.3	12.9	43.2	68.2	-25.0	Peak	Horizontal
*	10333.0	29.8	16.5	46.3	68.2	-21.9	Peak	Horizontal
	11633.5	29.7	18.3	48.0	74.0	-26.0	Peak	Horizontal
	15773.0	34.9	21.0	55.9	74.0	-18.1	Peak	Horizontal
	15773.3	24.8	21.0	45.8	54.0	-8.2	Average	Horizontal
*	8616.0	29.1	12.7	41.8	68.2	-26.4	Peak	Vertical
*	10095.0	30.6	15.7	46.3	68.2	-21.9	Peak	Vertical
	11591.0	29.7	18.3	48.0	74.0	-26.0	Peak	Vertical
	15790.0	33.4	21.0	54.4	74.0	-19.6	Peak	Vertical
	15792.0	24.6	21.0	45.6	54.0	-8.4	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.6	13.0	42.6	68.2	-25.6	Peak	Horizontal
*	10528.5	29.5	17.1	46.6	68.2	-21.6	Peak	Horizontal
	11599.5	29.9	18.3	48.2	74.0	-25.8	Peak	Horizontal
	15900.5	33.8	20.8	54.6	74.0	-19.4	Peak	Horizontal
	15902.0	23.9	20.8	44.7	54.0	-9.3	Average	Horizontal
*	8735.0	29.7	13.0	42.7	68.2	-25.5	Peak	Vertical
*	10384.0	28.9	16.7	45.6	68.2	-22.6	Peak	Vertical
	11642.0	30.4	18.3	48.7	74.0	-25.3	Peak	Vertical
	15892.0	30.7	20.8	51.5	74.0	-22.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	30.9	12.8	43.7	68.2	-24.5	Peak	Horizontal
*	10341.5	30.0	16.5	46.5	68.2	-21.7	Peak	Horizontal
	11591.0	30.6	18.3	48.9	74.0	-25.1	Peak	Horizontal
	15926.0	25.1	20.7	45.8	74.0	-28.2	Peak	Horizontal
*	8701.0	29.5	12.9	42.4	68.2	-25.8	Peak	Vertical
*	10537.0	29.6	17.1	46.7	68.2	-21.5	Peak	Vertical
	11616.5	30.7	18.3	49.0	74.0	-25.0	Peak	Vertical
	15637.0	27.9	21.2	49.1	74.0	-24.9	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	28.7	12.8	41.5	68.2	-26.7	Peak	Horizontal
*	9729.5	30.8	14.9	45.7	68.2	-22.5	Peak	Horizontal
	11540.0	29.8	18.4	48.2	74.0	-25.8	Peak	Horizontal
	15509.5	26.4	21.4	47.8	74.0	-26.2	Peak	Horizontal
*	8624.5	30.1	12.8	42.9	68.2	-25.3	Peak	Vertical
*	10248.0	28.7	16.2	44.9	68.2	-23.3	Peak	Vertical
	11897.0	28.1	17.9	46.0	74.0	-28.0	Peak	Vertical
	15577.5	26.3	21.3	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	116
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.5	13.1	42.6	68.2	-25.6	Peak	Horizontal
*	9797.5	30.2	15.0	45.2	68.2	-23.0	Peak	Horizontal
	12271.0	30.6	17.9	48.5	74.0	-25.5	Peak	Horizontal
	15960.0	27.3	20.7	48.0	74.0	-26.0	Peak	Horizontal
*	8743.5	29.8	13.1	42.9	68.2	-25.3	Peak	Vertical
*	10333.0	29.4	16.5	45.9	68.2	-22.3	Peak	Vertical
	12347.5	30.0	17.9	47.9	74.0	-26.1	Peak	Vertical
	15535.0	27.0	21.4	48.4	74.0	-25.6	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8845.5	29.4	13.3	42.7	68.2	-25.5	Peak	Horizontal
*	10316.0	29.0	16.4	45.4	68.2	-22.8	Peak	Horizontal
	12228.5	30.2	17.9	48.1	74.0	-25.9	Peak	Horizontal
	15705.0	27.2	21.1	48.3	74.0	-25.7	Peak	Horizontal
*	8845.5	29.9	13.3	43.2	68.2	-25.0	Peak	Vertical
*	10435.0	28.3	16.8	45.1	68.2	-23.1	Peak	Vertical
	11591.0	30.6	18.3	48.9	74.0	-25.1	Peak	Vertical
	15688.0	28.1	21.1	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8624.5	29.3	12.8	42.1	68.2	-26.1	Peak	Horizontal
*	10460.5	28.8	16.9	45.7	68.2	-22.5	Peak	Horizontal
	11642.0	29.4	18.3	47.7	74.0	-26.3	Peak	Horizontal
	15535.0	27.2	21.4	48.6	74.0	-25.4	Peak	Horizontal
*	8726.5	30.5	13.0	43.5	68.2	-24.7	Peak	Vertical
*	10061.0	27.7	15.6	43.3	68.2	-24.9	Peak	Vertical
	12594.0	29.6	18.2	47.8	74.0	-26.2	Peak	Vertical
	15679.5	27.8	21.1	48.9	74.0	-25.1	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8794.5	29.6	13.2	42.8	68.2	-25.4	Peak	Horizontal
*	10324.5	29.0	16.5	45.5	68.2	-22.7	Peak	Horizontal
	11565.5	29.7	18.4	48.1	74.0	-25.9	Peak	Horizontal
	15917.5	24.8	20.7	45.5	74.0	-28.5	Peak	Horizontal
*	8701.0	30.1	12.9	43.0	68.2	-25.2	Peak	Vertical
*	10333.0	28.9	16.5	45.4	68.2	-22.8	Peak	Vertical
	12203.0	29.9	17.9	47.8	74.0	-26.2	Peak	Vertical
	15620.0	28.9	21.2	50.1	74.0	-23.9	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)

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8624.5	30.1	12.8	42.9	68.2	-25.3	Peak	Horizontal
*	10307.5	27.7	16.4	44.1	68.2	-24.1	Peak	Horizontal
	11625.0	30.0	18.3	48.3	74.0	-25.7	Peak	Horizontal
	15543.5	27.6	21.4	49.0	74.0	-25.0	Peak	Horizontal
*	8760.5	29.7	13.1	42.8	68.2	-25.4	Peak	Vertical
*	9942.0	26.8	15.3	42.1	68.2	-26.1	Peak	Vertical
	11642.0	29.5	18.3	47.8	74.0	-26.2	Peak	Vertical
	15739.0	24.9	21.0	45.9	74.0	-28.1	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8599.0	30.6	12.7	43.3	68.2	-24.9	Peak	Horizontal
*	9704.0	31.9	14.8	46.7	68.2	-21.5	Peak	Horizontal
	12245.5	29.8	17.9	47.7	74.0	-26.3	Peak	Horizontal
	15620.0	27.8	21.2	49.0	74.0	-25.0	Peak	Horizontal
*	8692.5	28.7	12.9	41.6	68.2	-26.6	Peak	Vertical
*	10528.5	28.8	17.1	45.9	68.2	-22.3	Peak	Vertical
	11667.5	29.1	18.2	47.3	74.0	-26.7	Peak	Vertical
	15756.0	23.8	21.0	44.8	74.0	-29.2	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.2	13.1	42.3	68.2	-25.9	Peak	Horizontal
*	10256.5	29.5	16.2	45.7	68.2	-22.5	Peak	Horizontal
	12254.0	31.1	17.9	49.0	74.0	-25.0	Peak	Horizontal
	15509.5	26.4	21.4	47.8	74.0	-26.2	Peak	Horizontal
*	8786.0	30.5	13.2	43.7	68.2	-24.5	Peak	Vertical
*	10460.5	28.6	16.9	45.5	68.2	-22.7	Peak	Vertical
	11735.5	29.2	18.2	47.4	74.0	-26.6	Peak	Vertical
	15577.5	27.1	21.3	48.4	74.0	-25.6	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.5	13.3	44.8	68.2	-23.4	Peak	Horizontal
*	10256.5	30.0	16.2	46.2	68.2	-22.0	Peak	Horizontal
	11642.0	30.2	18.3	48.5	74.0	-25.5	Peak	Horizontal
	15680.5	25.6	21.1	46.7	54.0	-7.3	Average	Horizontal
	15696.5	35.0	21.1	56.1	74.0	-17.9	Peak	Horizontal
*	8735.0	29.0	13.0	42.0	68.2	-26.2	Peak	Vertical
*	10316.0	28.7	16.4	45.1	68.2	-23.1	Peak	Vertical
	12203.0	30.6	17.9	48.5	74.0	-25.5	Peak	Vertical
	15680.5	24.7	21.1	45.8	54.0	-8.2	Average	Vertical
	15688.0	33.9	21.1	55.0	74.0	-19.0	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	28.6	13.0	41.6	68.2	-26.6	Peak	Horizontal
*	9729.5	31.4	14.9	46.3	68.2	-21.9	Peak	Horizontal
	11642.0	29.7	18.3	48.0	74.0	-26.0	Peak	Horizontal
	15815.1	24.0	20.9	44.9	54.0	-9.1	Average	Horizontal
	15815.5	33.2	20.9	54.1	74.0	-19.9	Peak	Horizontal
*	8735.0	30.0	13.0	43.0	68.2	-25.2	Peak	Vertical
*	10392.5	28.8	16.7	45.5	68.2	-22.7	Peak	Vertical
	11710.0	30.1	18.2	48.3	74.0	-25.7	Peak	Vertical
	15501.0	27.4	21.4	48.8	74.0	-25.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.0	12.9	41.9	68.2	-26.3	Peak	Horizontal
*	10299.0	29.7	16.4	46.1	68.2	-22.1	Peak	Horizontal
	12594.0	29.5	18.2	47.7	74.0	-26.3	Peak	Horizontal
	15433.0	26.3	21.5	47.8	74.0	-26.2	Peak	Horizontal
*	8675.5	30.3	12.9	43.2	68.2	-25.0	Peak	Vertical
*	9797.5	30.0	15.0	45.0	68.2	-23.2	Peak	Vertical
	12101.0	29.8	17.8	47.6	74.0	-26.4	Peak	Vertical
	15577.5	27.2	21.3	48.5	74.0	-25.5	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	28.4	12.9	41.3	68.2	-26.9	Peak	Horizontal
*	10452.0	29.3	16.9	46.2	68.2	-22.0	Peak	Horizontal
	12347.5	29.8	17.9	47.7	74.0	-26.3	Peak	Horizontal
	15467.0	25.2	21.5	46.7	74.0	-27.3	Peak	Horizontal
*	8769.0	29.2	13.1	42.3	68.2	-25.9	Peak	Vertical
*	10290.5	29.3	16.4	45.7	68.2	-22.5	Peak	Vertical
	11642.0	29.5	18.3	47.8	74.0	-26.2	Peak	Vertical
	15654.0	25.4	21.2	46.6	74.0	-27.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	110
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	31.1	13.1	44.2	68.2	-24.0	Peak	Horizontal
*	10265.0	29.3	16.3	45.6	68.2	-22.6	Peak	Horizontal
	12262.5	30.0	17.9	47.9	74.0	-26.1	Peak	Horizontal
	15560.5	25.2	21.3	46.5	74.0	-27.5	Peak	Horizontal
*	8607.5	30.6	12.7	43.3	68.2	-24.9	Peak	Vertical
*	10401.0	29.3	16.7	46.0	68.2	-22.2	Peak	Vertical
	12118.0	31.4	17.8	49.2	74.0	-24.8	Peak	Vertical
	15560.5	28.1	21.3	49.4	74.0	-24.6	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.9	13.1	43.0	68.2	-25.2	Peak	Horizontal
*	10324.5	29.3	16.5	45.8	68.2	-22.4	Peak	Horizontal
	11608.0	29.4	18.3	47.7	74.0	-26.3	Peak	Horizontal
	15620.0	27.6	21.2	48.8	74.0	-25.2	Peak	Horizontal
*	8752.0	30.2	13.1	43.3	68.2	-24.9	Peak	Vertical
*	9729.5	30.3	14.9	45.2	68.2	-23.0	Peak	Vertical
	12177.5	29.9	17.9	47.8	74.0	-26.2	Peak	Vertical
	15705.0	25.8	21.1	46.9	74.0	-27.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	29.9	13.1	43.0	68.2	-25.2	Peak	Horizontal
*	10443.5	28.6	16.9	45.5	68.2	-22.7	Peak	Horizontal
	11735.5	29.5	18.2	47.7	74.0	-26.3	Peak	Horizontal
	15509.5	26.6	21.4	48.0	74.0	-26.0	Peak	Horizontal
*	8624.5	30.7	12.8	43.5	68.2	-24.7	Peak	Vertical
*	10520.0	29.0	17.1	46.1	68.2	-22.1	Peak	Vertical
	12143.5	30.5	17.8	48.3	74.0	-25.7	Peak	Vertical
	15637.0	28.1	21.2	49.3	74.0	-24.7	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8845.5	30.2	13.3	43.5	68.2	-24.7	Peak	Horizontal
*	10231.0	29.7	16.2	45.9	68.2	-22.3	Peak	Horizontal
	12135.0	30.0	17.8	47.8	74.0	-26.2	Peak	Horizontal
	15526.5	26.2	21.4	47.6	74.0	-26.4	Peak	Horizontal
*	8820.0	30.6	13.2	43.8	68.2	-24.4	Peak	Vertical
*	10486.0	29.2	17.0	46.2	68.2	-22.0	Peak	Vertical
	11591.0	30.2	18.3	48.5	74.0	-25.5	Peak	Vertical
	15611.5	28.6	21.3	49.9	74.0	-24.1	Peak	Vertical

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

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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8684.0	31.1	12.9	44.0	68.2	-24.2	Peak	Horizontal
*	10248.0	29.0	16.2	45.2	68.2	-23.0	Peak	Horizontal
	12118.0	30.3	17.8	48.1	74.0	-25.9	Peak	Horizontal
	15611.5	27.6	21.3	48.9	74.0	-25.1	Peak	Horizontal
*	8752.0	30.1	13.1	43.2	68.2	-25.0	Peak	Vertical
*	9942.0	27.9	15.3	43.2	68.2	-25.0	Peak	Vertical
	11846.0	28.7	18.0	46.7	74.0	-27.3	Peak	Vertical
	15586.0	26.9	21.3	48.2	74.0	-25.8	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	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	42
Remark:	3. Average measurement was not performed if peak level lower than average limit. 1. Other frequency was 20dB below limit line within 1-18GHz, there is 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	28.8	12.7	41.5	68.2	-26.7	Peak	Horizontal
*	10469.0	29.3	17.0	46.3	68.2	-21.9	Peak	Horizontal
	12254.0	29.5	17.9	47.4	74.0	-26.6	Peak	Horizontal
	15662.5	24.5	21.2	45.7	74.0	-28.3	Peak	Horizontal
*	8735.0	28.8	13.0	41.8	68.2	-26.4	Peak	Vertical
*	9942.0	26.9	15.3	42.2	68.2	-26.0	Peak	Vertical
	12228.5	30.6	17.9	48.5	74.0	-25.5	Peak	Vertical
	15492.5	25.8	21.5	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	28.6	12.9	41.5	68.2	-26.7	Peak	Horizontal
*	10299.0	29.9	16.4	46.3	68.2	-21.9	Peak	Horizontal
	11642.0	30.2	18.3	48.5	74.0	-25.5	Peak	Horizontal
	15586.0	27.5	21.3	48.8	74.0	-25.2	Peak	Horizontal
*	8616.0	30.1	12.7	42.8	68.2	-25.4	Peak	Vertical
*	10256.5	29.2	16.2	45.4	68.2	-22.8	Peak	Vertical
	12602.5	30.5	18.2	48.7	74.0	-25.3	Peak	Vertical
	15620.0	28.7	21.2	49.9	74.0	-24.1	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	Test Engineer	Jay Chu
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	28.3	13.0	41.3	68.2	-26.9	Peak	Horizontal
*	10469.0	29.2	17.0	46.2	68.2	-22.0	Peak	Horizontal
	11693.0	30.4	18.2	48.6	74.0	-25.4	Peak	Horizontal
	15628.5	28.4	21.2	49.6	74.0	-24.4	Peak	Horizontal
*	8616.0	29.2	12.7	41.9	68.2	-26.3	Peak	Vertical
*	10239.5	30.1	16.2	46.3	68.2	-21.9	Peak	Vertical
	12041.5	30.0	17.8	47.8	74.0	-26.2	Peak	Vertical
	15756.0	24.8	21.0	45.8	74.0	-28.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8854.0	28.0	13.3	41.3	68.2	-26.9	Peak	Horizontal
*	10120.5	27.2	15.8	43.0	68.2	-25.2	Peak	Horizontal
	12135.0	30.9	17.8	48.7	74.0	-25.3	Peak	Horizontal
	15611.5	28.2	21.3	49.5	74.0	-24.5	Peak	Horizontal
*	8760.5	28.6	13.1	41.7	68.2	-26.5	Peak	Vertical
*	10460.5	29.2	16.9	46.1	68.2	-22.1	Peak	Vertical
	11650.5	29.5	18.3	47.8	74.0	-26.2	Peak	Vertical
	15560.5	25.9	21.3	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	28.5	12.8	41.3	68.2	-26.9	Peak	Horizontal
*	10511.5	29.7	17.1	46.8	68.2	-21.4	Peak	Horizontal
	11642.0	29.9	18.3	48.2	74.0	-25.8	Peak	Horizontal
	15628.5	28.2	21.2	49.4	74.0	-24.6	Peak	Horizontal
*	8658.5	28.7	12.8	41.5	68.2	-26.7	Peak	Vertical
*	9789.0	30.2	15.0	45.2	68.2	-23.0	Peak	Vertical
	11633.5	29.7	18.3	48.0	74.0	-26.0	Peak	Vertical
	15985.5	27.3	20.6	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Jay Chu
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8599.0	30.3	12.7	43.0	68.2	-25.2	Peak	Horizontal
*	10307.5	29.9	16.4	46.3	68.2	-21.9	Peak	Horizontal
	12050.0	29.5	17.8	47.3	74.0	-26.7	Peak	Horizontal
	15628.5	27.7	21.2	48.9	74.0	-25.1	Peak	Horizontal
*	8675.5	30.1	12.9	43.0	68.2	-25.2	Peak	Vertical
*	10214.0	28.3	16.1	44.4	68.2	-23.8	Peak	Vertical
	11497.5	29.6	18.4	48.0	74.0	-26.0	Peak	Vertical
	15543.5	28.2	21.4	49.6	74.0	-24.4	Peak	Vertical

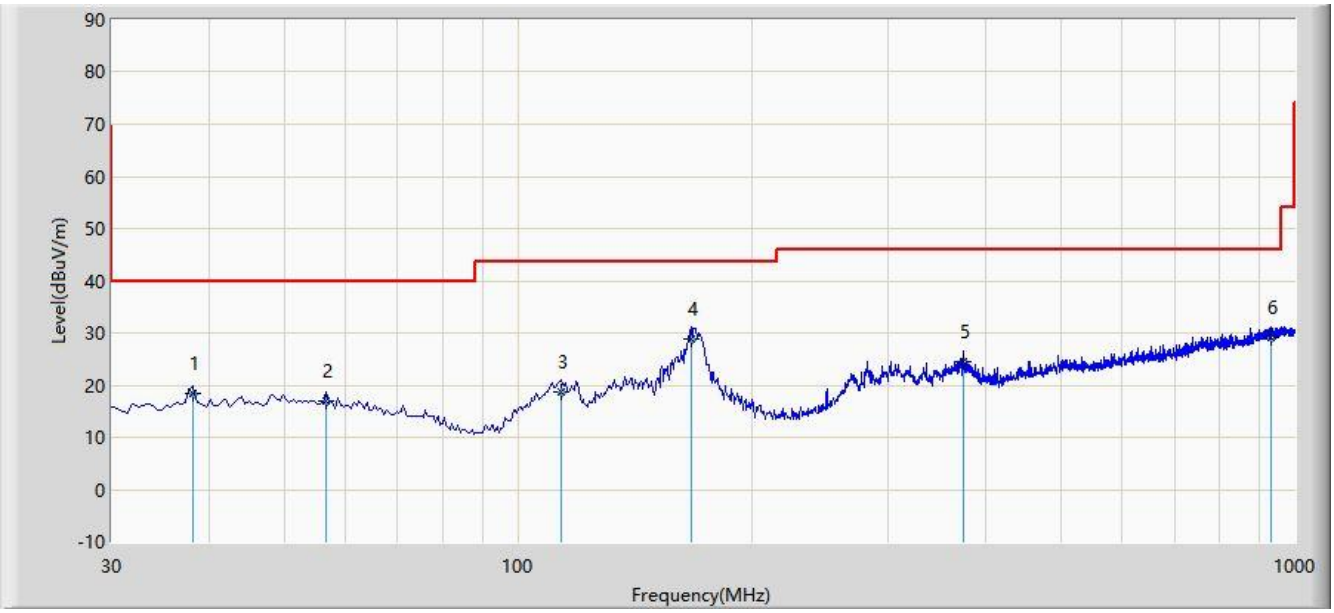
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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 Result of Radiated Emission below 1GHz:

Site: AC1	Time: 2020/08/06 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: VULB 9162 (30MHz~8GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5510MHz	



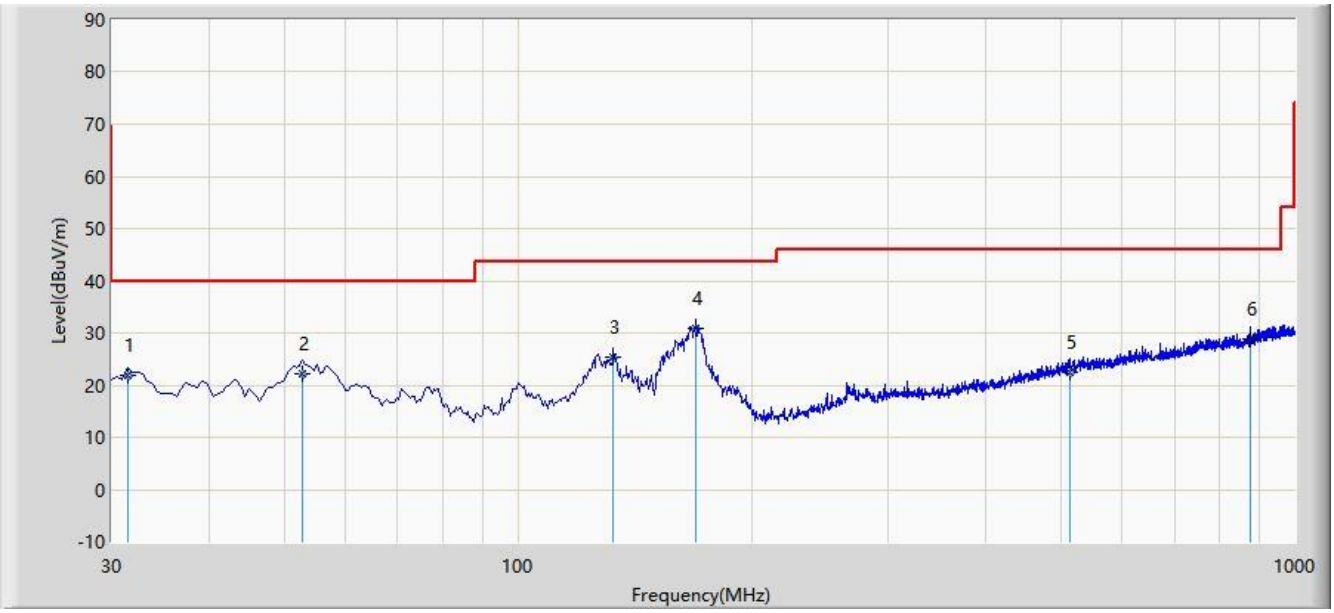
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			38.245	18.545	-1.540	-21.455	40.000	20.085	QP
2			56.675	17.083	-3.540	-22.917	40.000	20.623	QP
3			113.905	18.672	0.650	-24.828	43.500	18.022	QP
4		*	167.255	28.827	12.540	-14.673	43.500	16.287	QP
5			374.835	24.377	0.584	-21.623	46.000	23.793	QP
6			930.645	29.108	-2.540	-16.892	46.000	31.648	QP

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + 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: 2020/08/06 - 01:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: VULB 9162 (30MHz~8GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5510MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			31.455	21.824	3.540	-18.176	40.000	18.284	QP
2			52.795	22.317	1.100	-17.683	40.000	21.216	QP
3			132.820	25.369	9.540	-18.131	43.500	15.829	QP
4		*	169.680	30.983	14.640	-12.517	43.500	16.343	QP
5			514.030	22.501	-3.540	-23.499	46.000	26.041	QP
6			874.870	28.927	-2.450	-17.073	46.000	31.377	QP

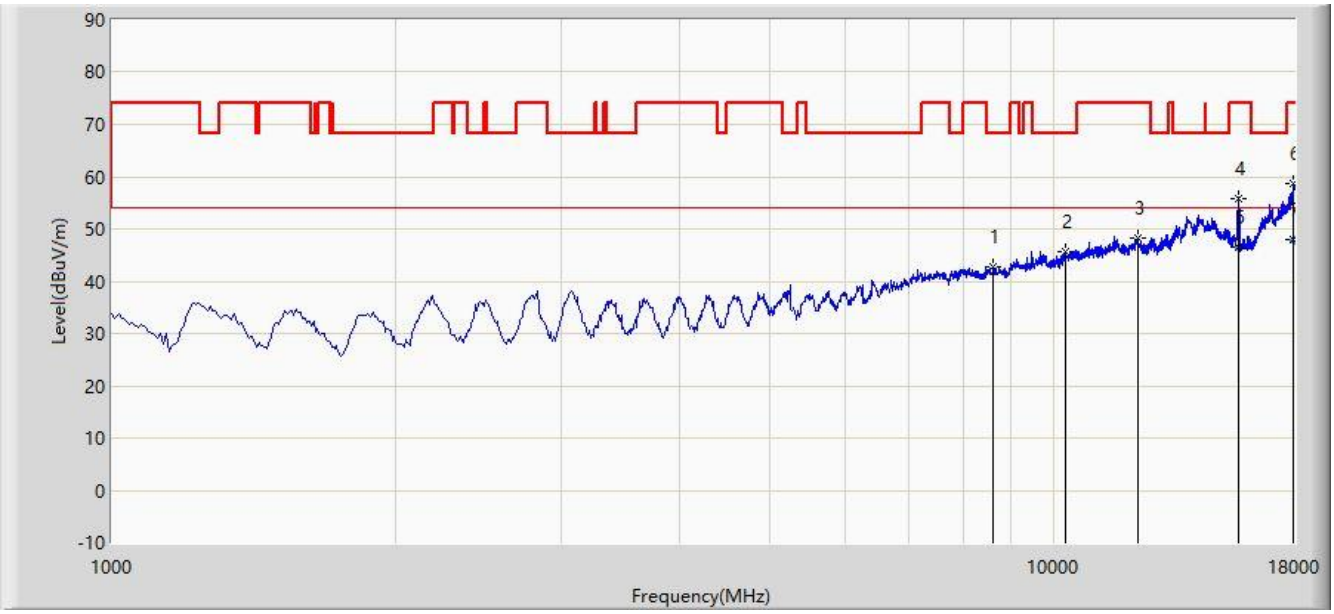
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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.

The Worse Case Result Plot of Radiated Spurious Emission Above 1GHz

Site: AC1	Time: 2020/07/17 - 16:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz	



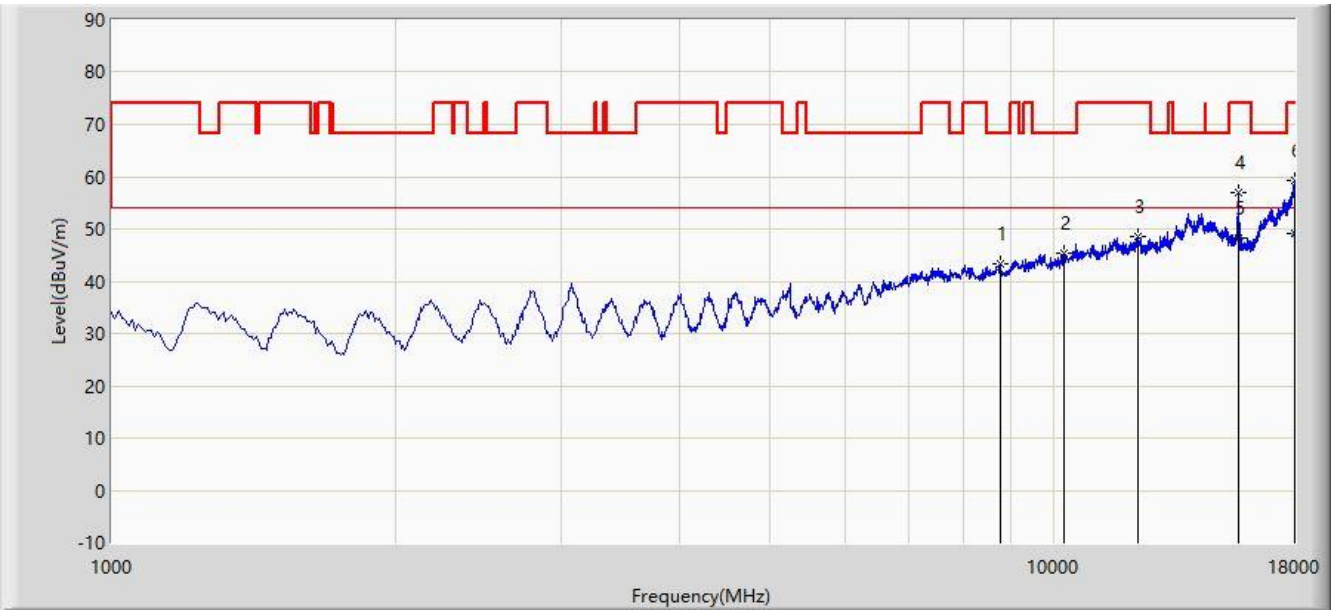
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			8607.500	42.666	29.947	-25.534	68.200	12.719	PK
2			10299.000	45.565	29.182	-22.635	68.200	16.383	PK
3			12262.500	48.242	30.378	-25.758	74.000	17.864	PK
4			15688.000	55.918	34.784	-18.082	74.000	21.134	PK
5			15689.400	46.422	25.290	-7.578	54.000	21.132	AV
6			17966.000	58.696	26.724	-15.304	74.000	31.972	PK
7		*	17966.000	47.893	15.921	-6.107	54.000	31.972	AV

Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note2: The amplitude of radiated emissions (Frequency range around 13 to 18GHz above average limit) is same as the ambient noise, we selected the highest peak level frequency and performed average emission testing again.

Site: AC1	Time: 2020/07/17 - 16:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			8769.000	43.240	30.126	-24.960	68.200	13.114	PK
2			10248.000	45.436	29.228	-22.764	68.200	16.208	PK
3			12254.000	48.604	30.740	-25.396	74.000	17.864	PK
4			15679.500	57.034	35.886	-16.966	74.000	21.149	PK
5			15679.600	48.300	27.152	-5.700	54.000	21.147	AV
6			17991.500	59.212	27.166	-14.788	74.000	32.047	PK
7		*	17991.500	48.998	16.952	-5.002	54.000	32.047	AV

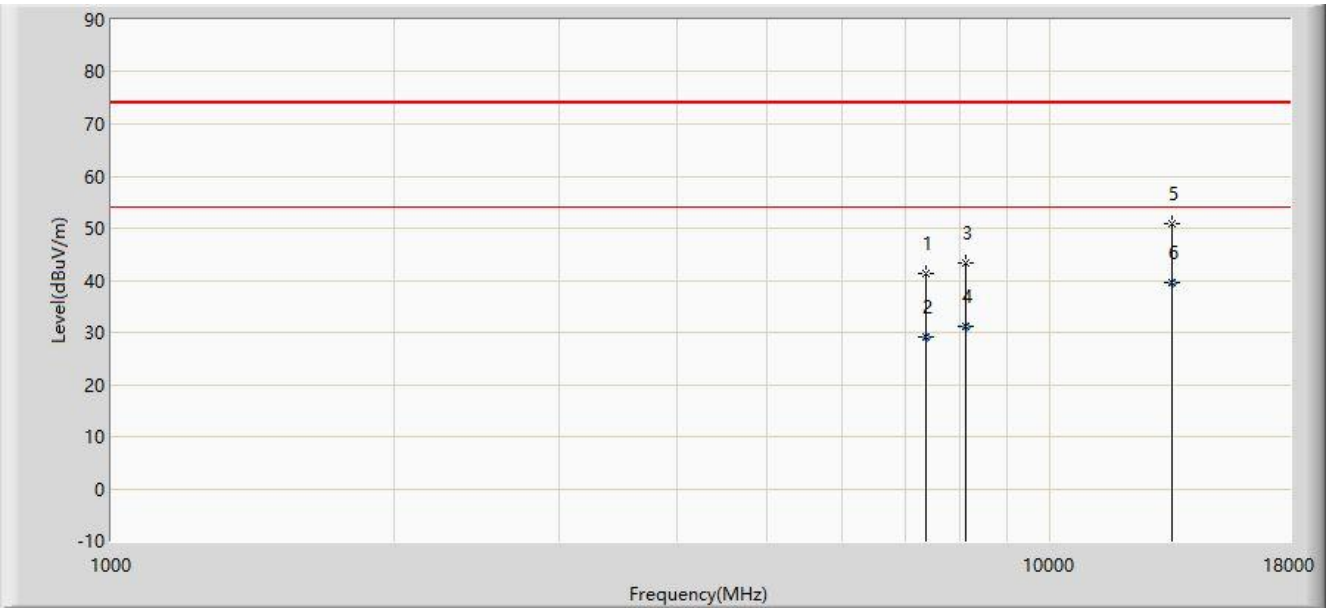
Note1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note2: The amplitude of radiated emissions (Frequency range around 13 to 18GHz above average limit) is same as the ambient noise, we selected the highest peak level frequency and performed average emission testing again.

Test Result of Radiated Emissions for Co-located

Test Mode:	2.4GHz, 5GHz Wi-Fi + ZigBee Transmit	Test Site:	AC1
Test Engineer:	Jay Chu	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7366.500	41.317	29.980	-32.683	74.000	11.337	PK
2			7366.518	29.200	17.863	-24.800	54.000	11.338	AV
3			8131.500	43.258	30.748	-30.742	74.000	12.510	PK
4			8131.525	31.149	18.639	-22.851	54.000	12.510	AV
5			13469.500	50.804	30.326	-23.196	74.000	20.479	PK
6		*	13469.517	39.492	19.014	-14.508	54.000	20.479	AV

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

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

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

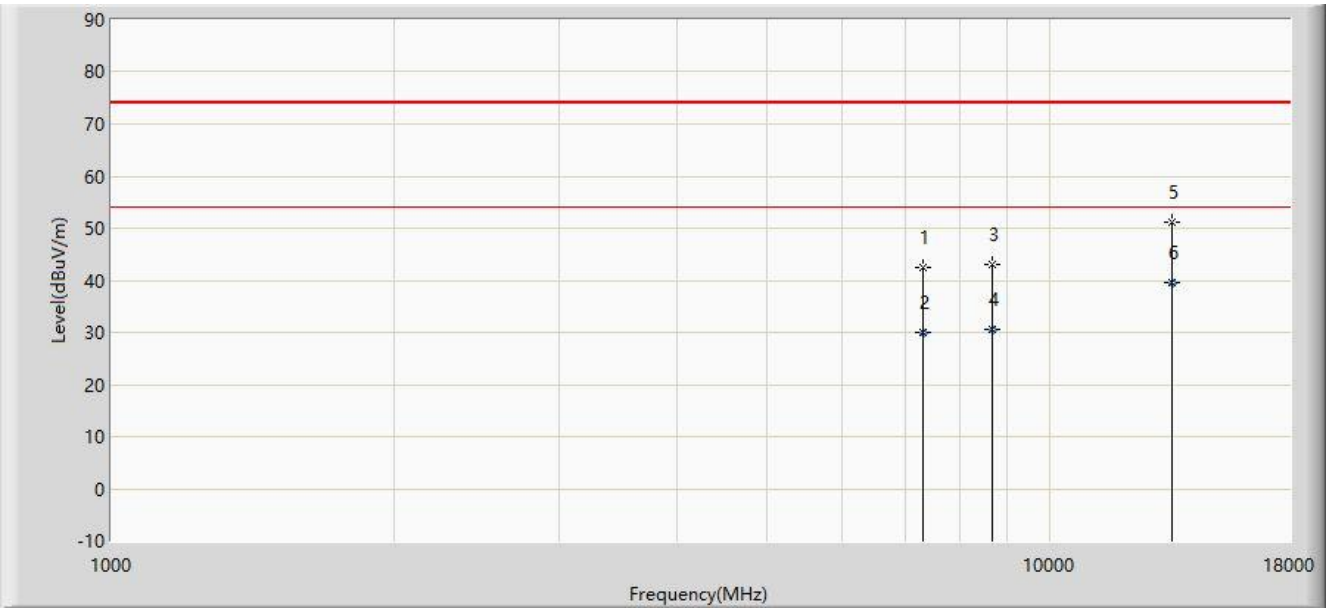
Note 3: 2.4GHz Wi-Fi 802.11b Channel 2437MHz Power setting = 86;

5GHz Wi-Fi 802.11ac-VHT40 Channel 5270MHz Power setting = 89;

2.4GHz ZigBee channel 2405MHz Power setting = 8;

Note 4: ZigBee and Bluetooth-LE can't transmit simultaneously and ZigBee power higher than Bluetooth-LE, so we only assess the WIFI and ZigBee simultaneous transmission.

Test Mode:	2.4GHz, 5GHz Wi-Fi + ZigBee Transmit	Test Site:	AC1
Test Engineer:	Jay Chu	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7324.000	42.509	31.292	-31.491	74.000	11.217	PK
2			7324.620	29.950	18.731	-24.050	54.000	11.219	AV
3			8675.500	42.965	30.080	-31.035	74.000	12.884	PK
4			8675.640	30.528	17.643	-23.472	54.000	12.886	AV
5			13503.500	51.227	30.667	-22.773	74.000	20.561	PK
6		*	13503.554	39.424	18.863	-14.576	54.000	20.561	AV

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

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

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11b Channel 2437MHz Power setting = 86;

5GHz Wi-Fi 802.11ac-VHT40 Channel 5270MHz Power setting = 89;

2.4GHz ZigBee channel 2405MHz Power setting = 8;

Note 4: ZigBee and Bluetooth-LE can't transmit simultaneously and ZigBee power higher than Bluetooth-LE, so we only assess the WIFI and ZigBee simultaneous transmission.

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.

1) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

2) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

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

KDB 789033 D02v02r01- Section G

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 ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

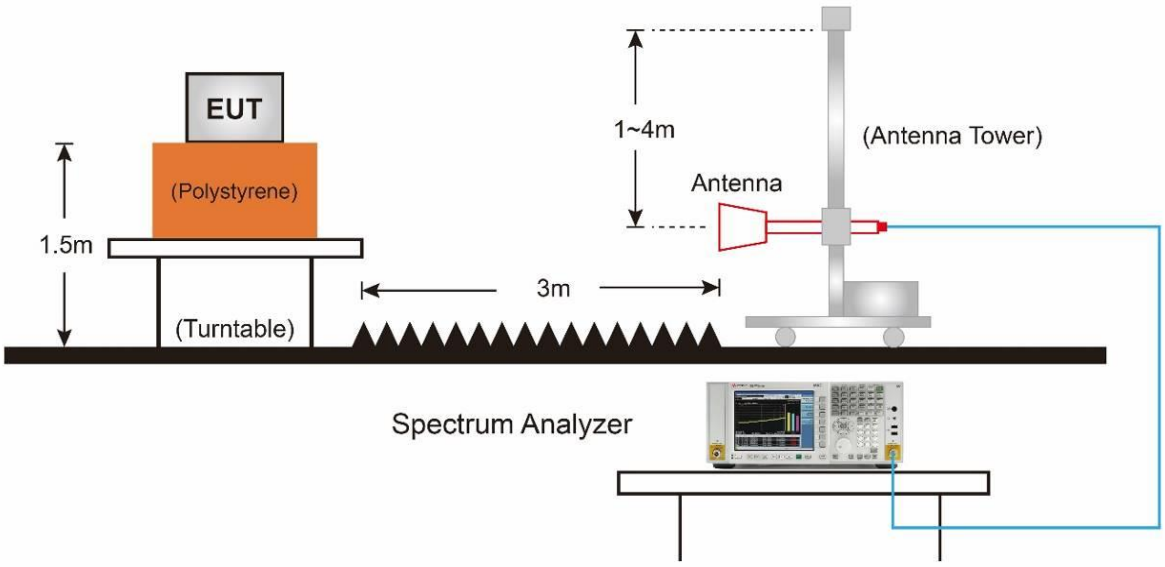
4. Detector = Peak

5. Sweep time = auto

6. Trace mode = max hold

7. Trace was allowed to stabilize

7.9.4.Test Setup



7.9.5.Test Result

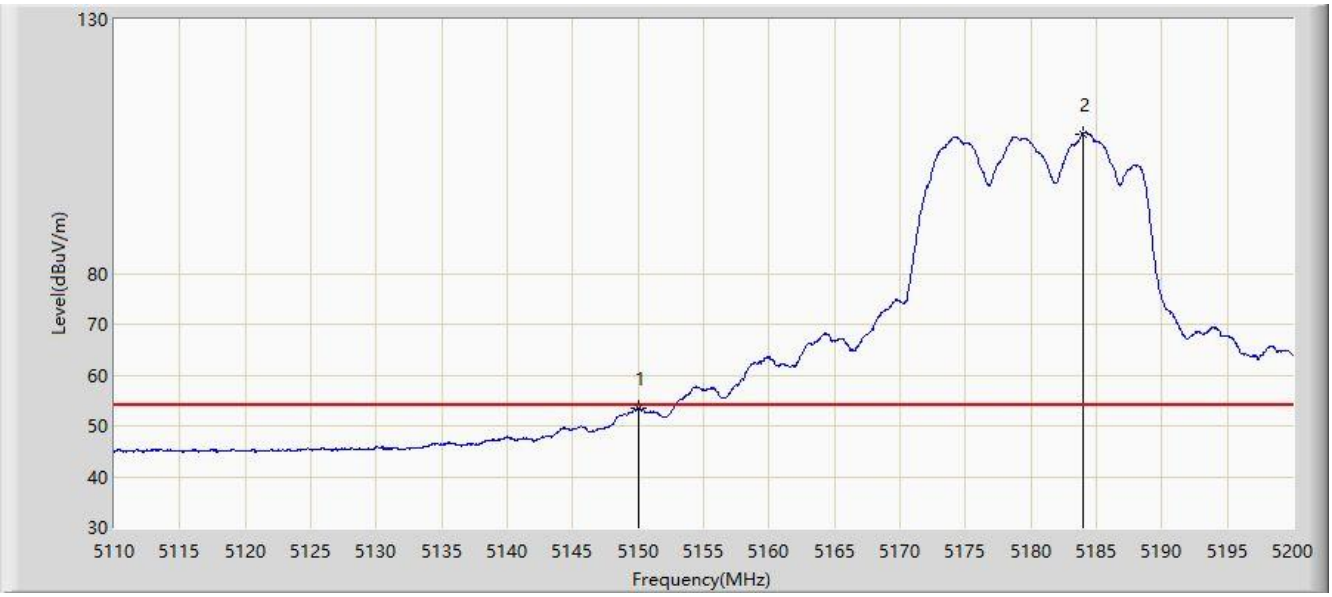
Site: AC1	Time: 2020/07/23 - 22:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.880	73.484	69.579	-0.516	74.000	3.906	PK
2			5150.000	72.343	68.437	-1.657	74.000	3.906	PK
3		*	5184.115	117.160	113.219	N/A	N/A	3.941	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: 2020/07/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

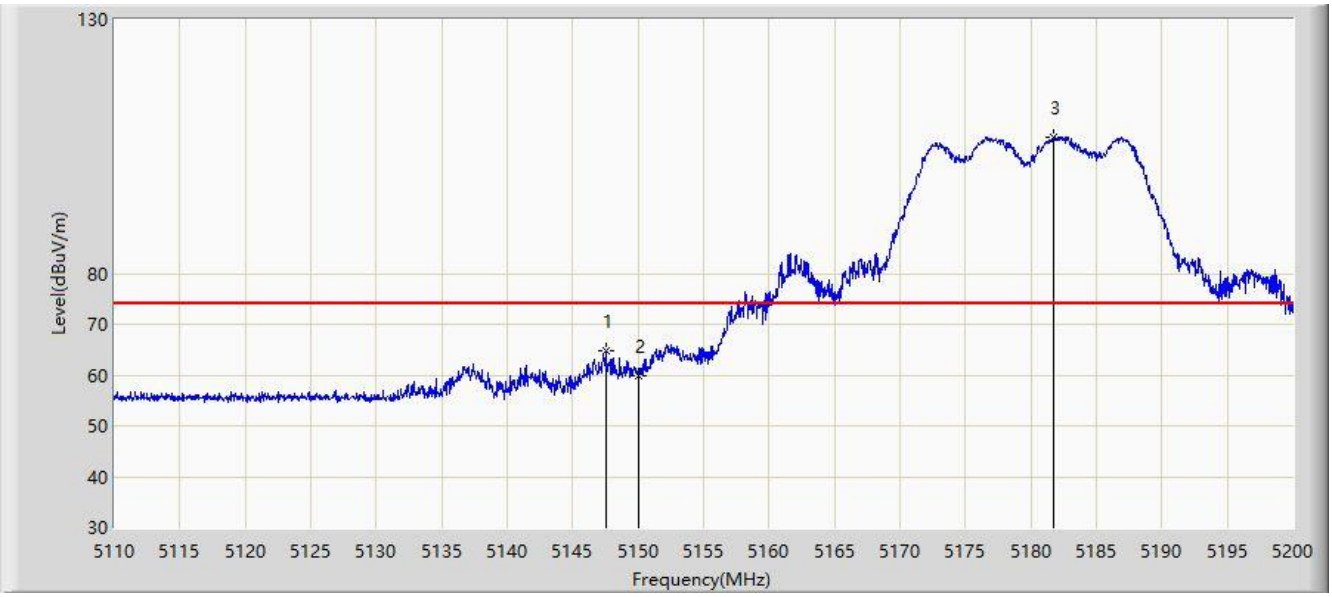


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.492	49.586	-0.508	54.000	3.906	AV
2		*	5183.980	107.533	103.592	N/A	N/A	3.941	AV

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: 2020/07/23 - 22:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.530	64.683	60.779	-9.317	74.000	3.904	PK
2			5150.000	59.915	56.009	-14.085	74.000	3.906	PK
3		*	5181.775	106.939	103.000	N/A	N/A	3.939	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: 2020/07/23 - 22:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.120	41.214	-8.880	54.000	3.906	AV
2		*	5181.865	97.263	93.324	N/A	N/A	3.939	AV

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

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

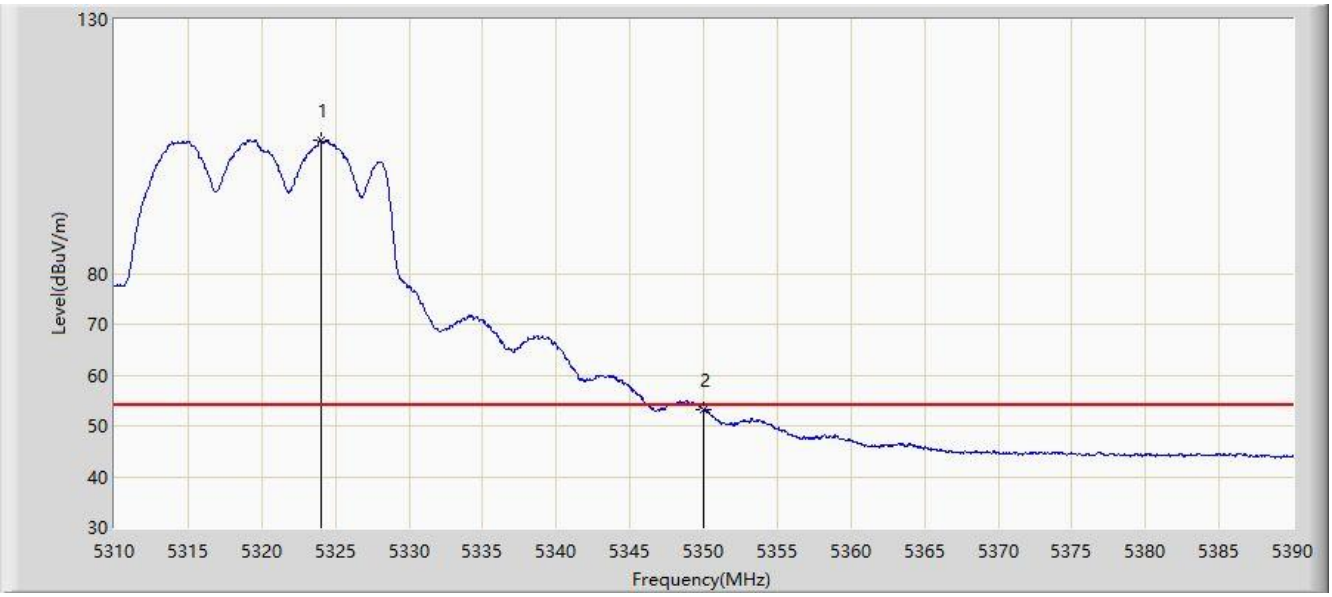
Site: AC1	Time: 2020/07/14 - 17:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5319.280	115.949	111.867	N/A	N/A	4.082	PK
2			5350.000	68.776	64.662	-5.224	74.000	4.114	PK
3			5354.040	71.154	67.036	-2.846	74.000	4.118	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: 2020/07/14 - 17:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5324.000	106.290	102.203	N/A	N/A	4.088	AV
2			5350.000	53.087	48.973	-0.913	54.000	4.114	AV

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

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

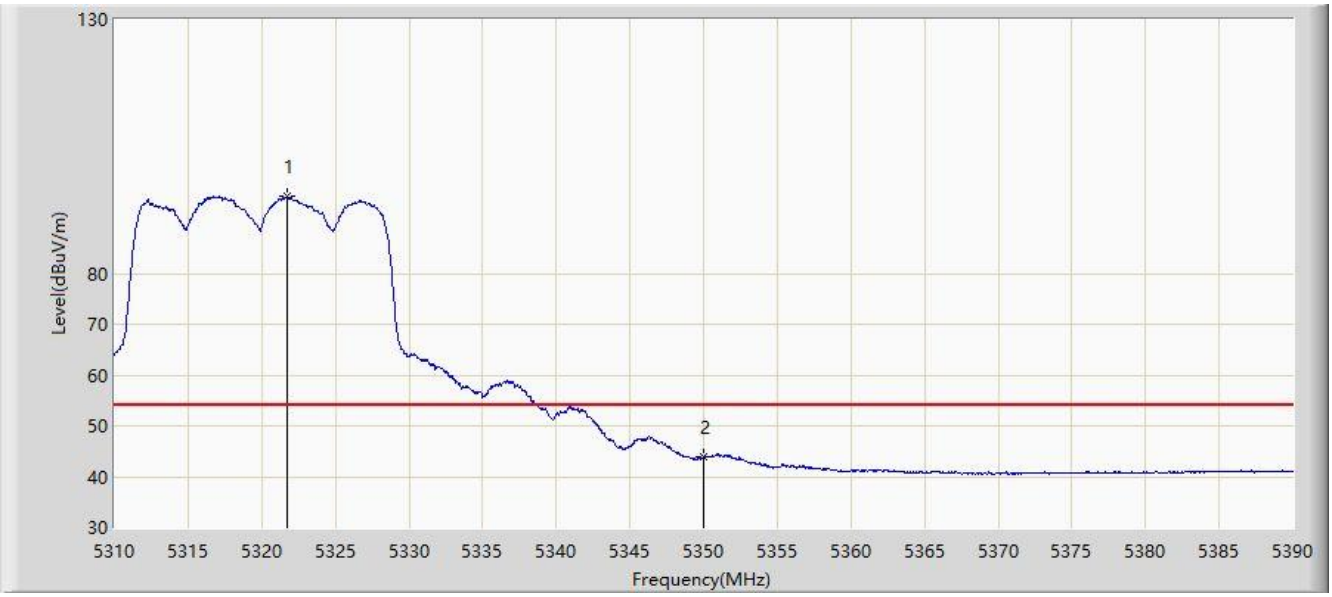
Site: AC1	Time: 2020/07/14 - 17:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.360	104.896	100.811	N/A	N/A	4.085	PK
2			5350.000	57.030	52.916	-16.970	74.000	4.114	PK
3			5352.040	61.511	57.395	-12.489	74.000	4.116	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: 2020/07/14 - 17:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz	

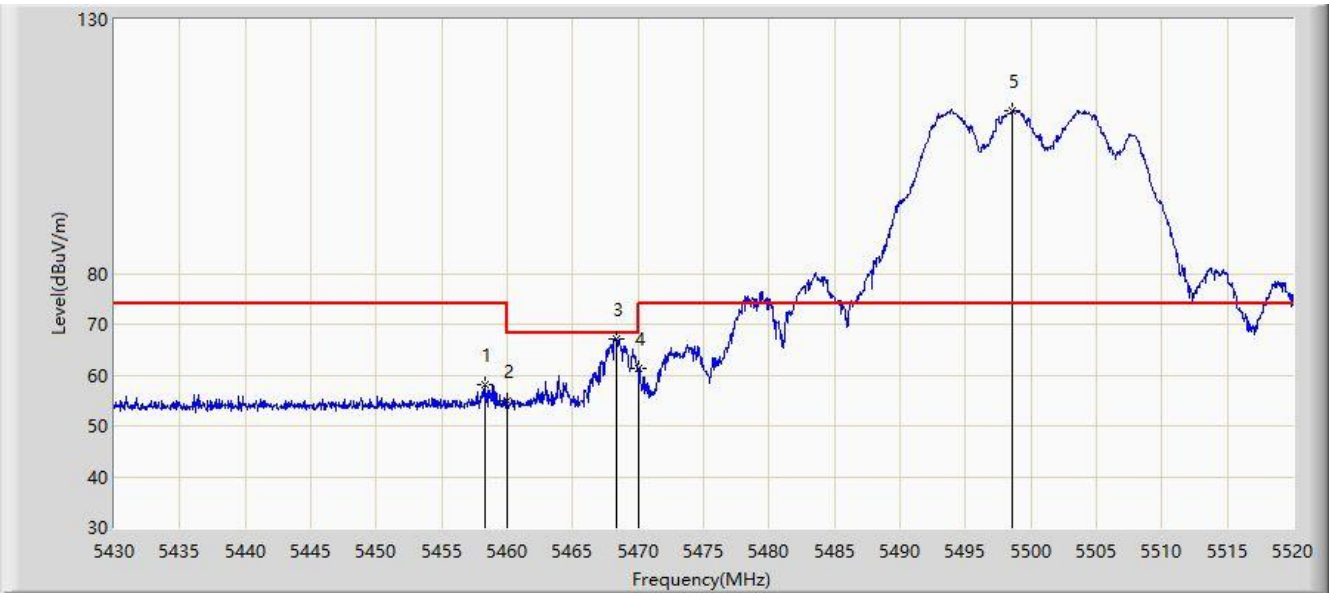


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.680	95.147	91.062	N/A	N/A	4.084	AV
2			5350.000	43.978	39.864	-10.022	54.000	4.114	AV

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: 2020/07/14 - 17:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

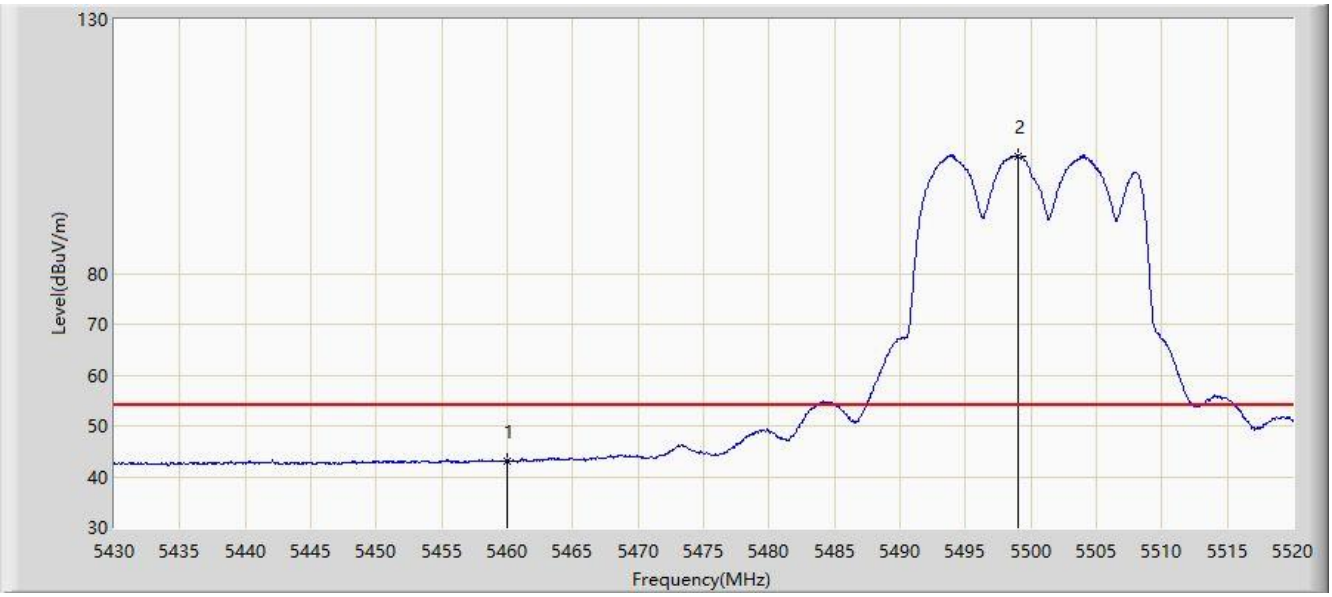


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.350	58.042	53.816	-15.958	74.000	4.226	PK
2			5460.000	54.921	50.693	-19.079	74.000	4.228	PK
3			5468.295	67.141	62.904	-1.059	68.200	4.237	PK
4			5470.000	61.354	57.115	-6.846	68.200	4.238	PK
5		*	5498.625	111.894	107.618	N/A	N/A	4.275	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: 2020/07/14 - 17:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

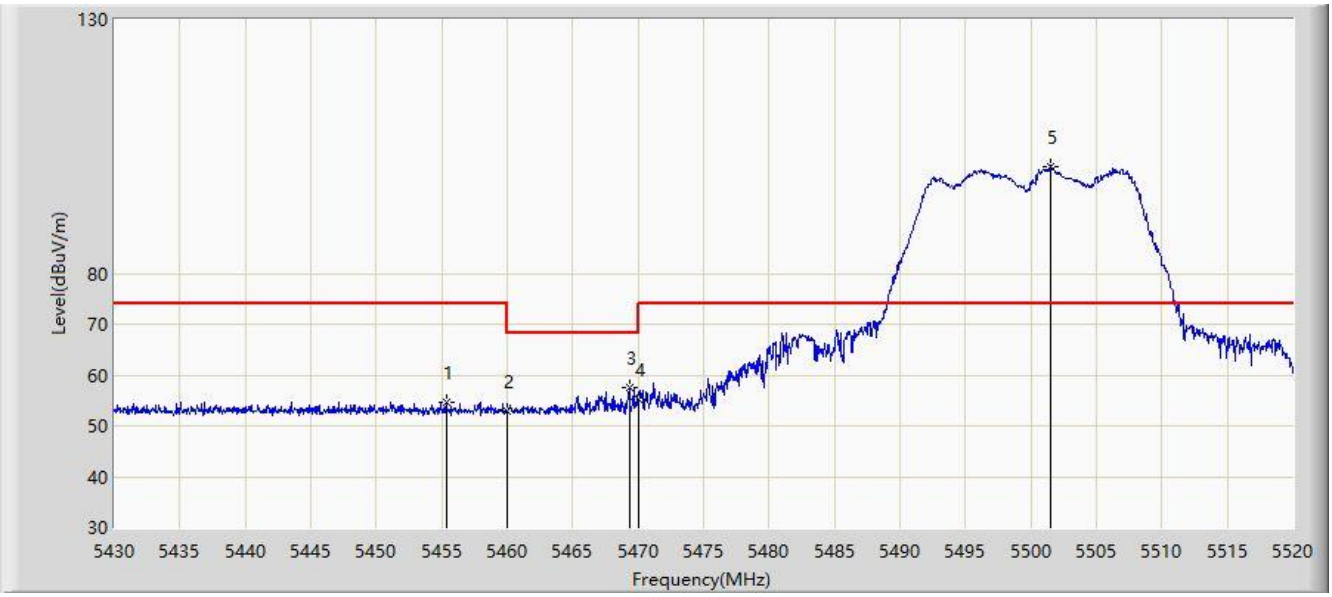


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	43.063	38.835	-10.937	54.000	4.228	AV
2		*	5499.075	103.161	98.884	N/A	N/A	4.277	AV

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: 2020/07/14 - 17:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

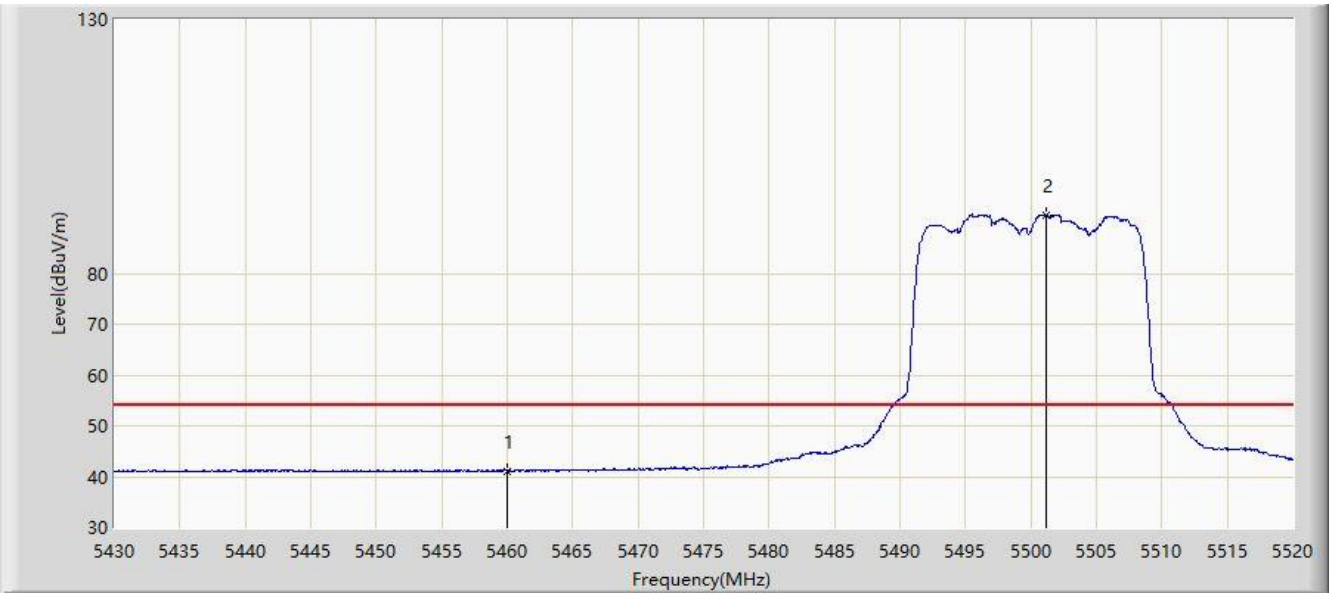


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5455.335	54.549	50.327	-19.451	74.000	4.223	PK
2			5460.000	52.885	48.657	-21.115	74.000	4.228	PK
3			5469.330	57.479	53.241	-10.721	68.200	4.239	PK
4			5470.000	55.329	51.090	-12.871	68.200	4.238	PK
5		*	5501.505	101.032	96.751	N/A	N/A	4.281	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: 2020/07/14 - 17:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz	

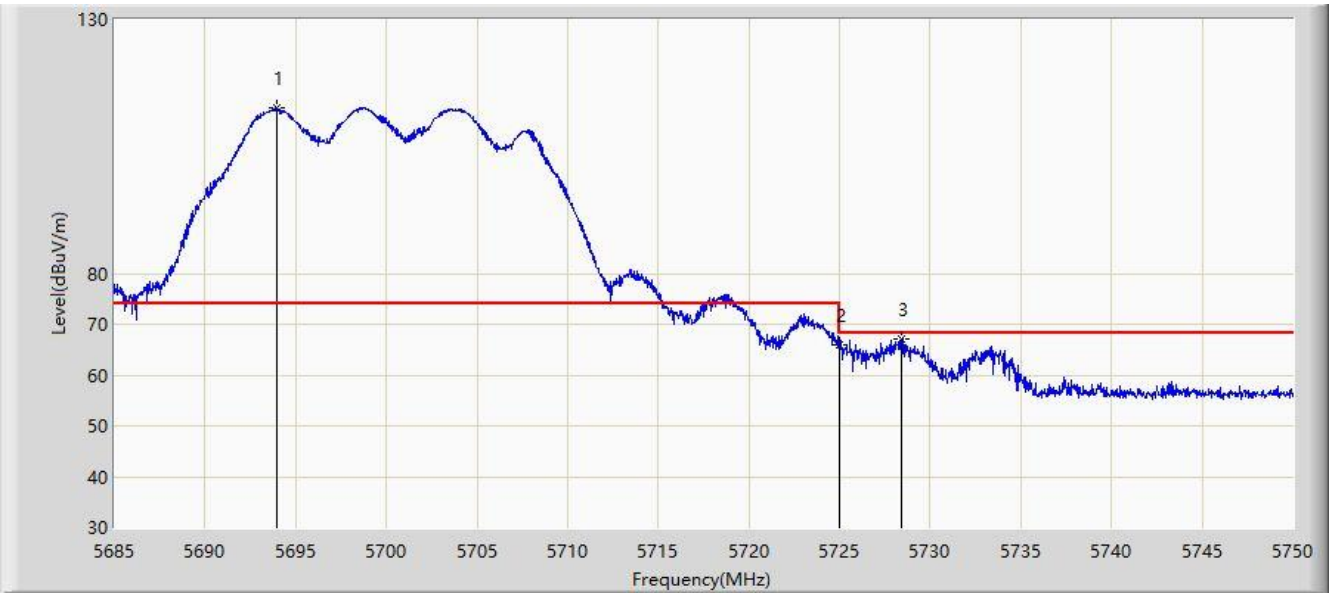


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	41.134	36.906	-12.866	54.000	4.228	AV
2		*	5501.190	91.438	87.158	N/A	N/A	4.280	AV

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: 2020/07/23 - 23:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz	

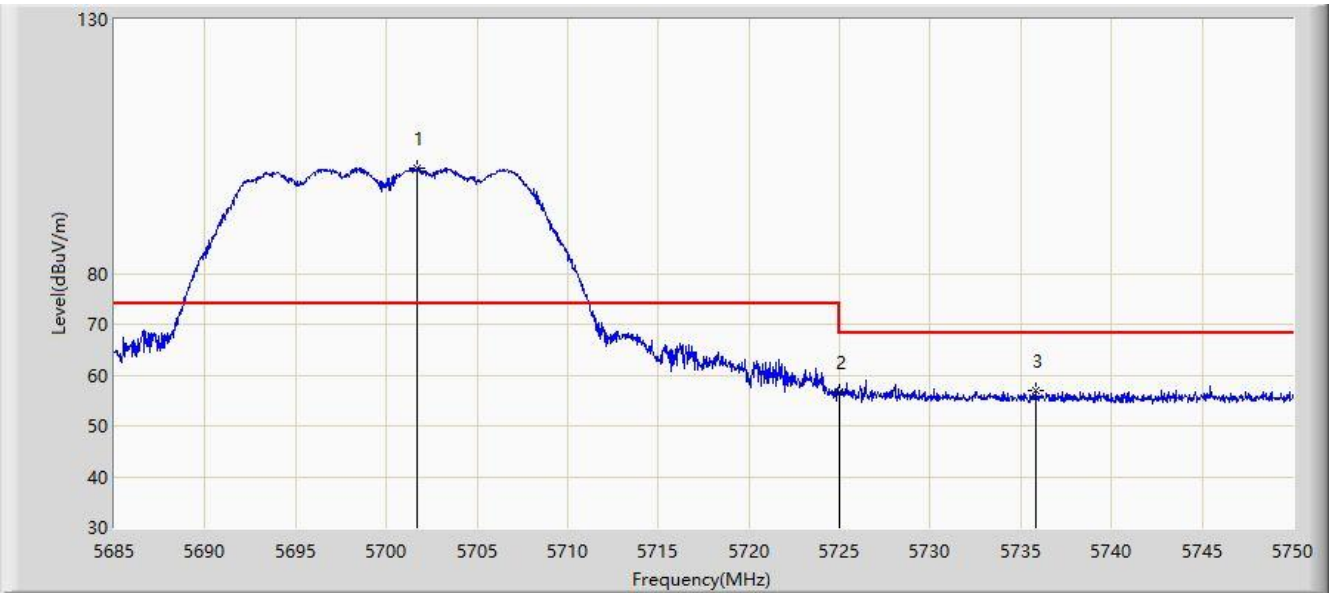


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.937	112.555	107.656	N/A	N/A	4.898	PK
2			5725.000	65.859	60.860	-2.341	68.200	4.999	PK
3			5728.388	67.118	62.108	-1.082	68.200	5.011	PK

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: 2020/07/23 - 23:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz	

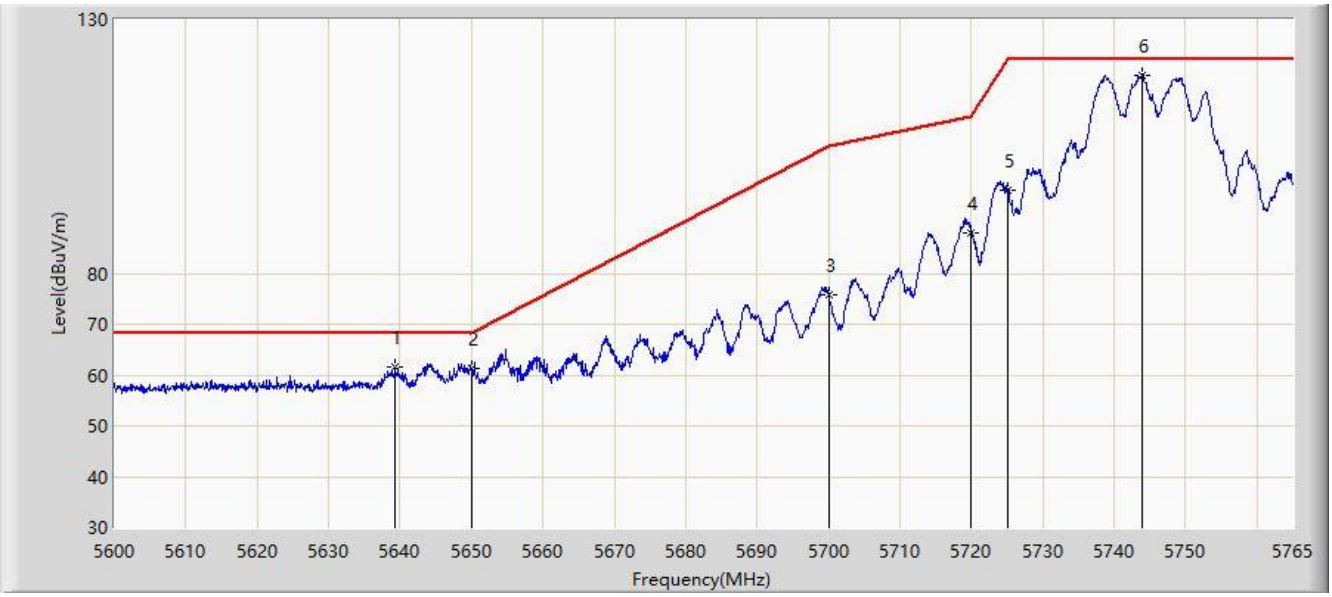


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.705	100.751	95.828	N/A	N/A	4.922	PK
2			5725.000	56.595	51.596	-11.605	68.200	4.999	PK
3			5735.830	57.087	52.053	-11.113	68.200	5.035	PK

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: 2020/07/14 - 17:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	

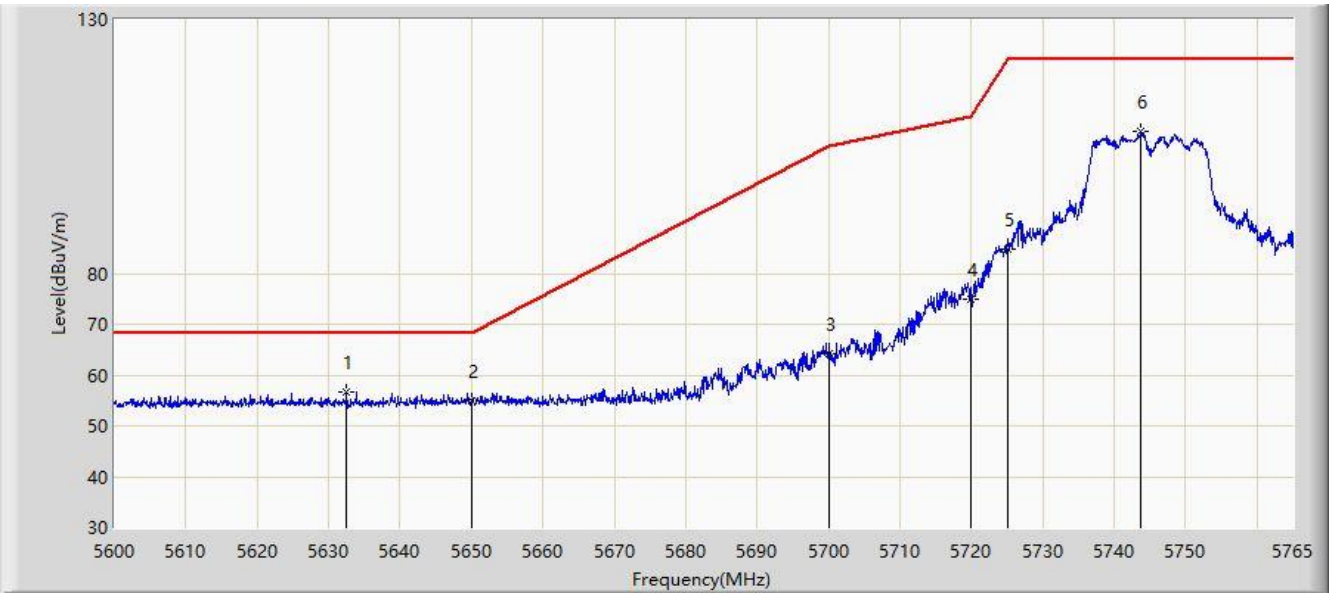


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5639.353	61.490	56.768	-6.710	68.200	4.722	PK
2			5650.000	61.344	56.587	-6.856	68.200	4.756	PK
3			5700.000	75.887	70.969	-29.313	105.200	4.918	PK
4			5720.000	87.934	82.951	-22.866	110.800	4.983	PK
5			5725.000	96.427	91.428	-25.773	122.200	4.999	PK
6		*	5743.880	119.125	114.065	N/A	N/A	5.060	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: 2020/07/14 - 17:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	

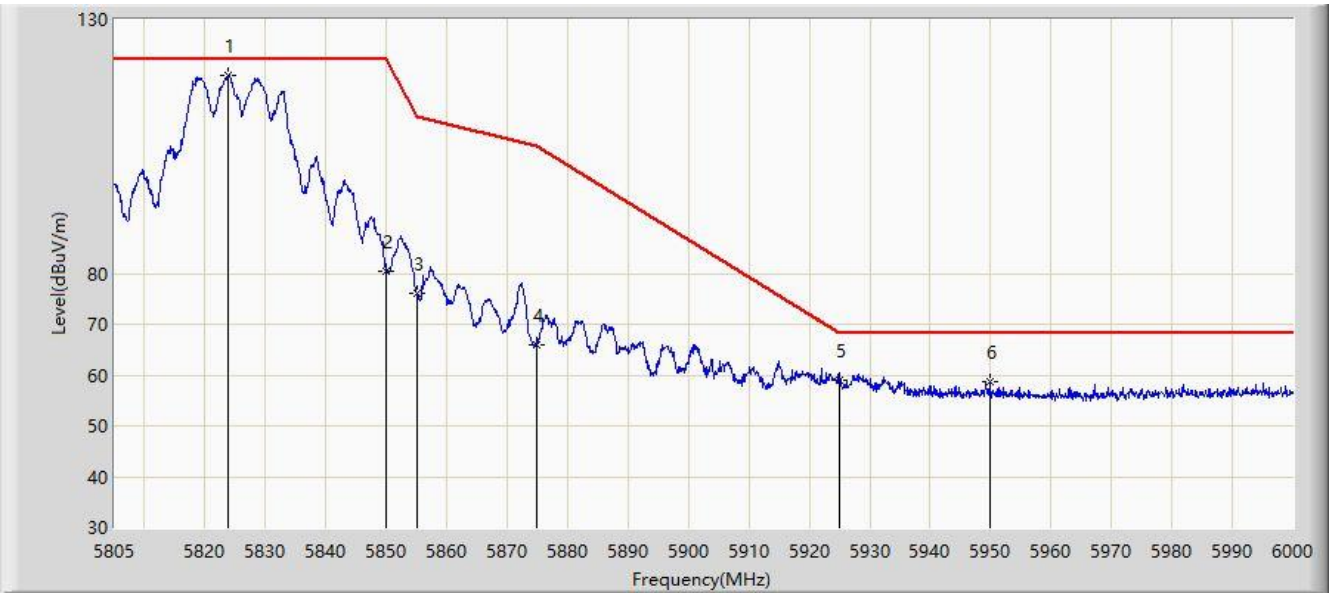


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5632.505	56.616	51.916	-11.584	68.200	4.700	PK
2			5650.000	55.016	50.259	-13.184	68.200	4.756	PK
3			5700.000	64.219	59.301	-40.981	105.200	4.918	PK
4			5720.000	74.997	70.014	-35.803	110.800	4.983	PK
5			5725.000	84.844	79.845	-37.356	122.200	4.999	PK
6			5743.797	108.031	102.972	N/A	N/A	5.059	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: 2020/07/14 - 17:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	

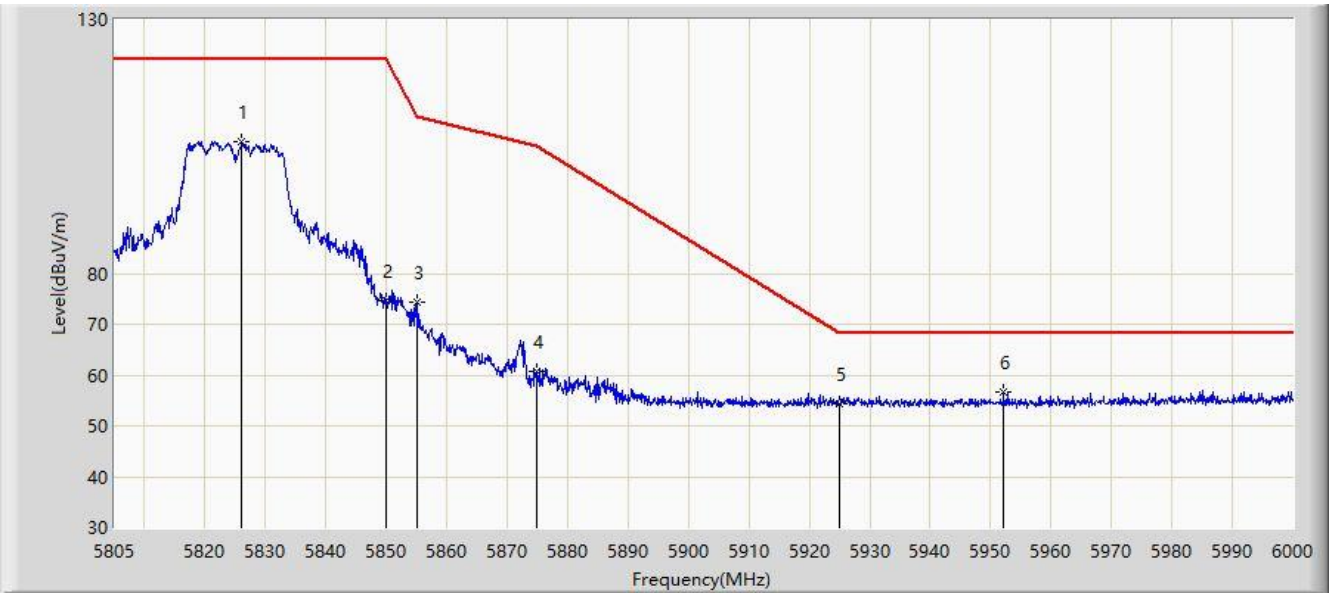


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.915	119.109	113.789	N/A	N/A	5.320	PK
2			5850.000	80.413	75.009	-41.787	122.200	5.404	PK
3			5855.000	76.035	70.615	-34.765	110.800	5.420	PK
4			5875.000	65.943	60.459	-39.257	105.200	5.485	PK
5			5925.000	59.097	53.450	-9.103	68.200	5.647	PK
6			5949.788	58.758	53.030	-9.442	68.200	5.727	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: 2020/07/14 - 17:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	

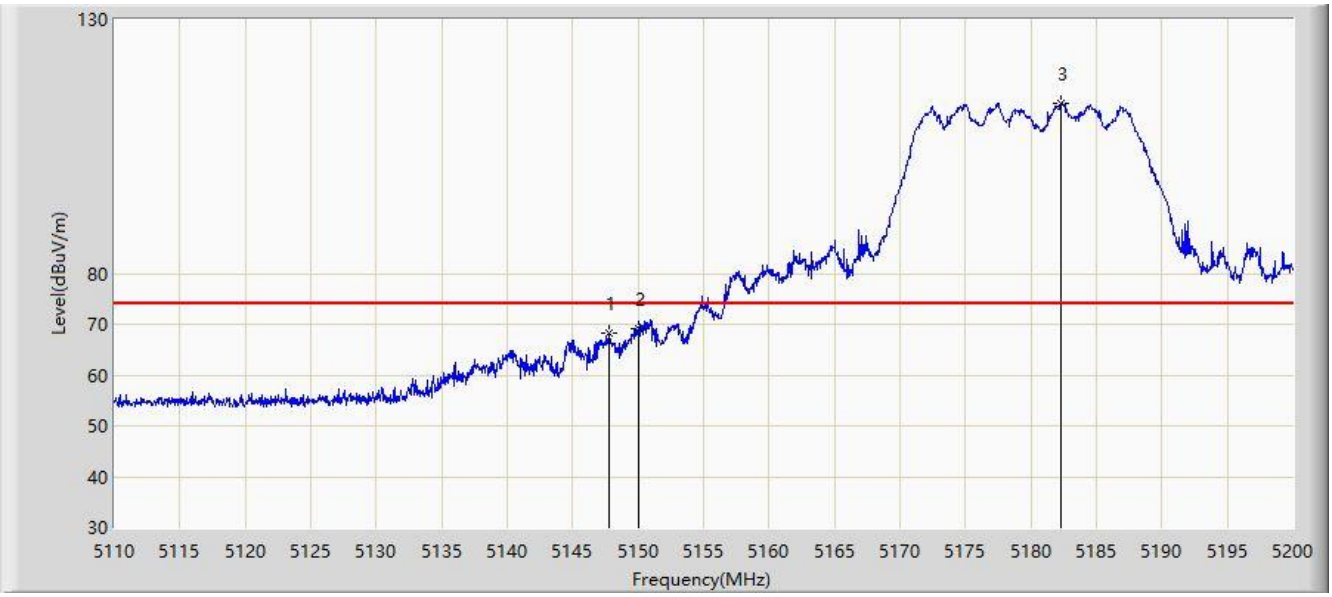


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.060	105.819	100.493	N/A	N/A	5.327	PK
2			5850.000	74.502	69.098	-47.698	122.200	5.404	PK
3			5855.000	74.258	68.838	-36.542	110.800	5.420	PK
4			5875.000	60.625	55.141	-44.575	105.200	5.485	PK
5			5925.000	54.225	48.578	-13.975	68.200	5.647	PK
6		*	5952.127	56.580	50.845	-11.620	68.200	5.735	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: 2020/07/14 - 17:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz	

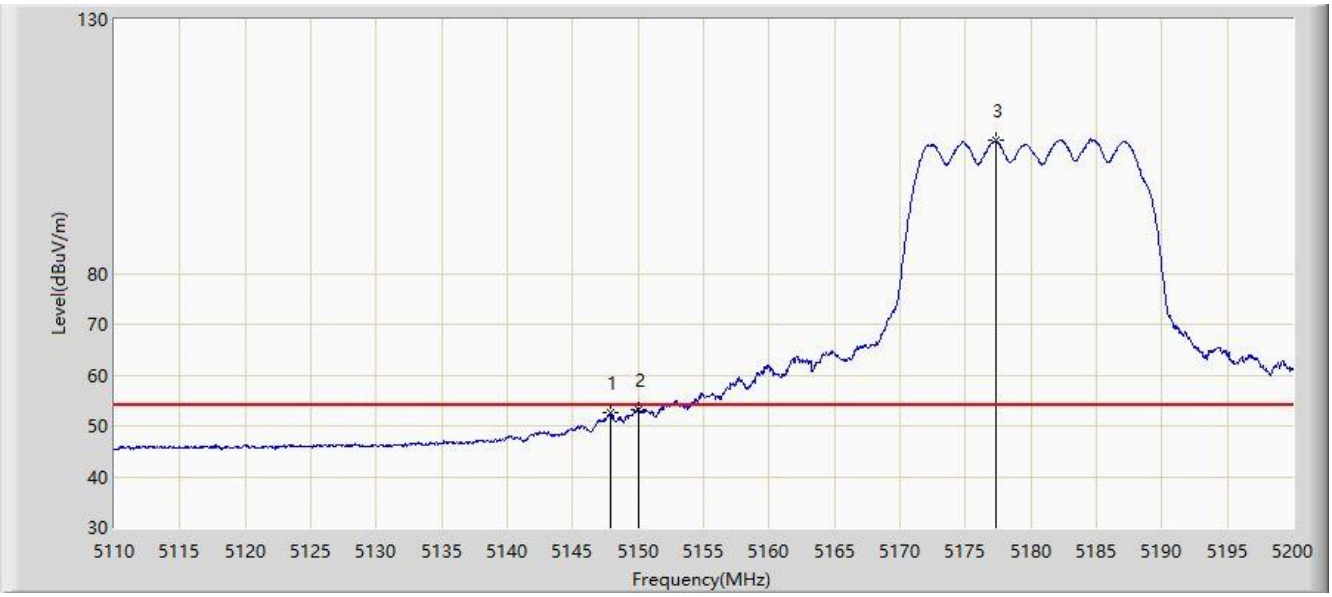


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.755	68.287	64.383	-5.713	74.000	3.904	PK
2			5150.000	69.247	65.341	-4.753	74.000	3.906	PK
3		*	5182.315	113.491	109.551	N/A	N/A	3.939	PK

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: 2020/07/14 - 17:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz	

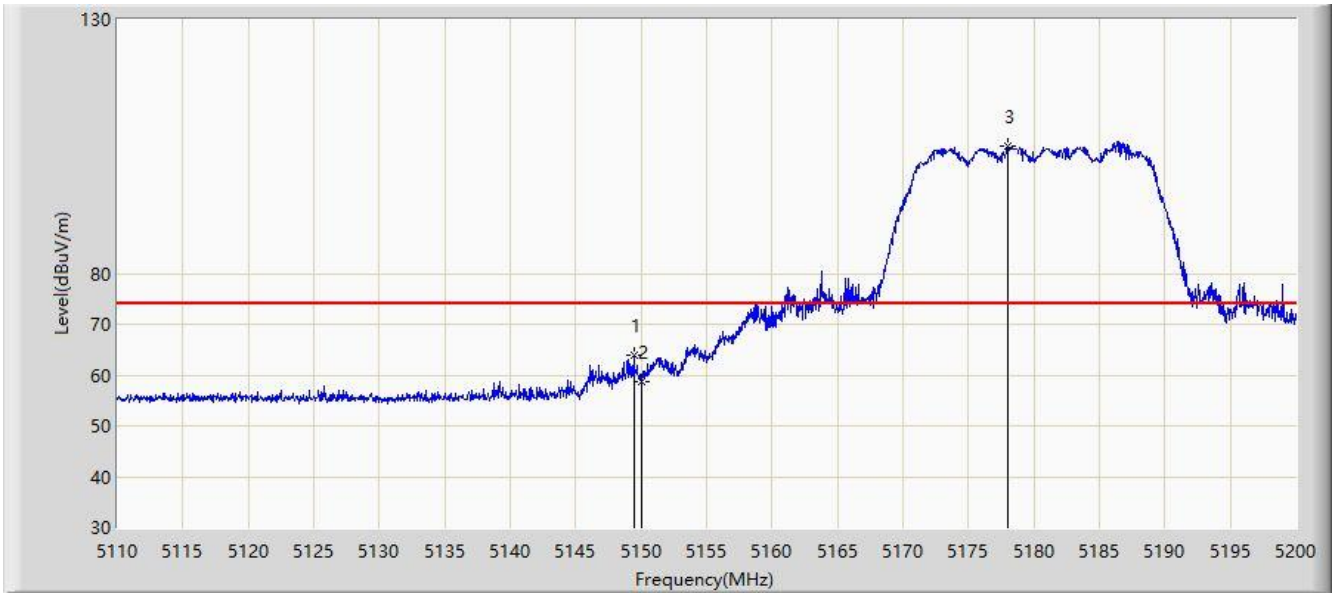


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.845	52.592	48.688	-1.408	54.000	3.904	AV
2			5150.000	53.329	49.423	-0.671	54.000	3.906	AV
3		*	5177.275	106.155	102.221	N/A	N/A	3.934	AV

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: 2020/07/16 - 11:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz	

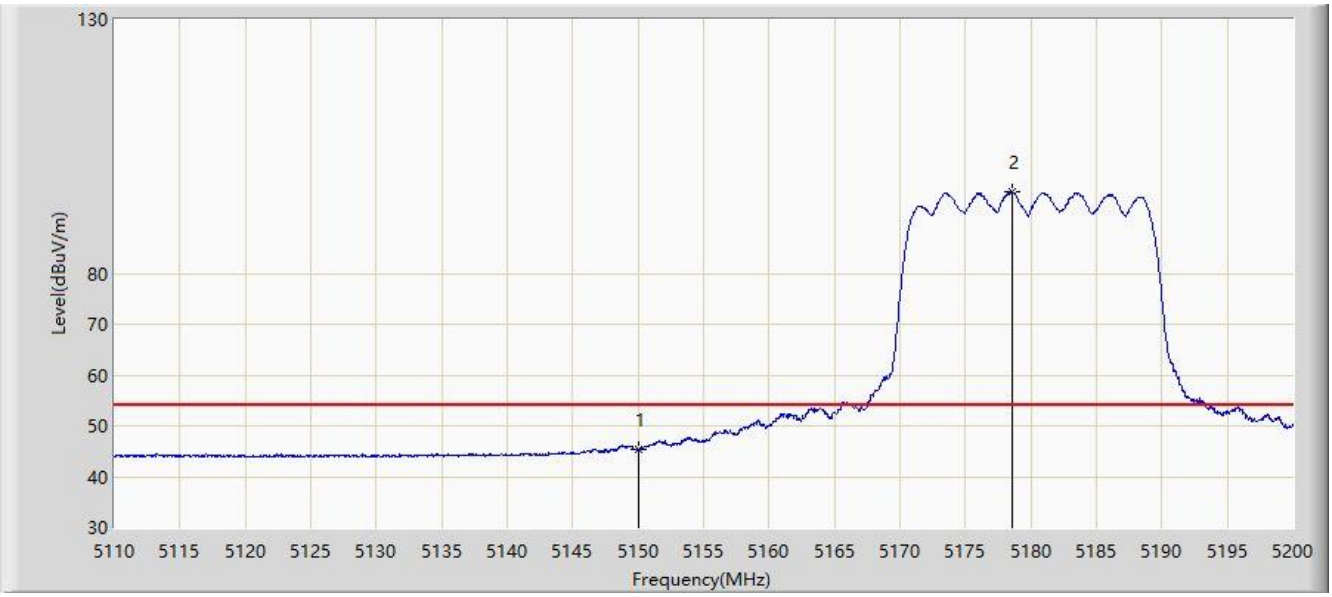


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.420	63.839	59.934	-10.161	74.000	3.905	PK
2			5150.000	58.719	54.813	-15.281	74.000	3.906	PK
3		*	5178.040	105.025	101.090	N/A	N/A	3.936	PK

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: 2020/07/16 - 11:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz	

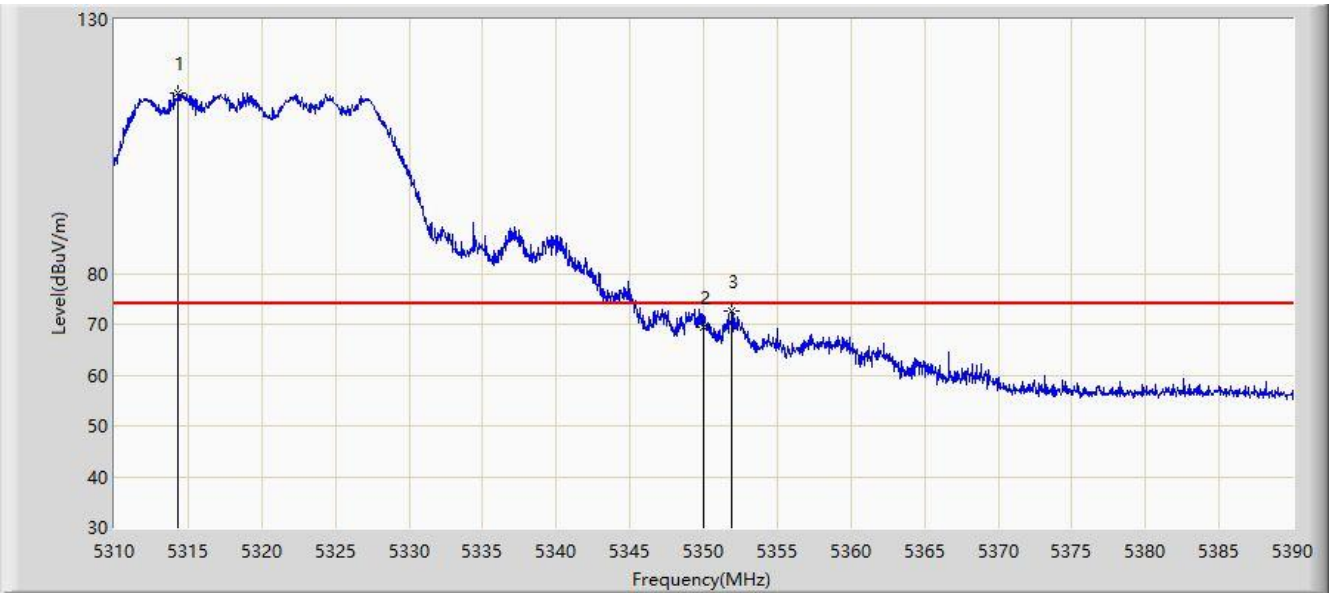


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.221	41.315	-8.779	54.000	3.906	AV
2		*	5178.535	96.139	92.203	N/A	N/A	3.935	AV

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: 2020/07/23 - 23:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

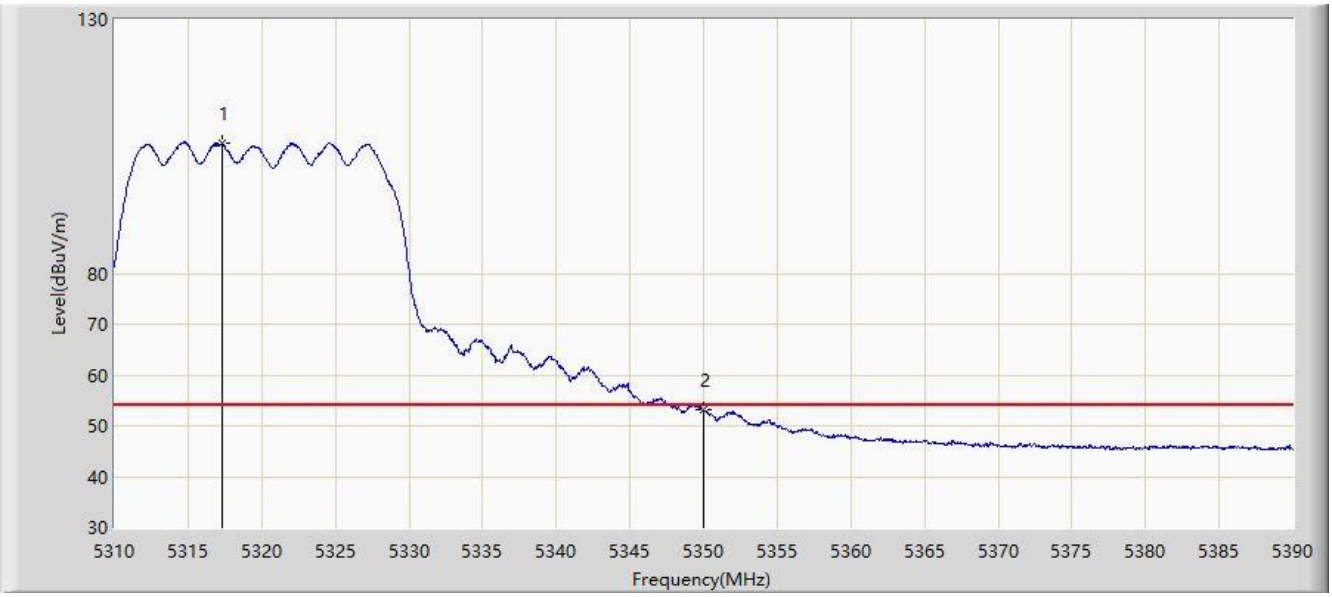


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.320	115.560	111.483	N/A	N/A	4.078	PK
2			5350.000	69.383	65.269	-4.617	74.000	4.114	PK
3			5351.920	72.720	68.604	-1.280	74.000	4.116	PK

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: 2020/07/23 - 23:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

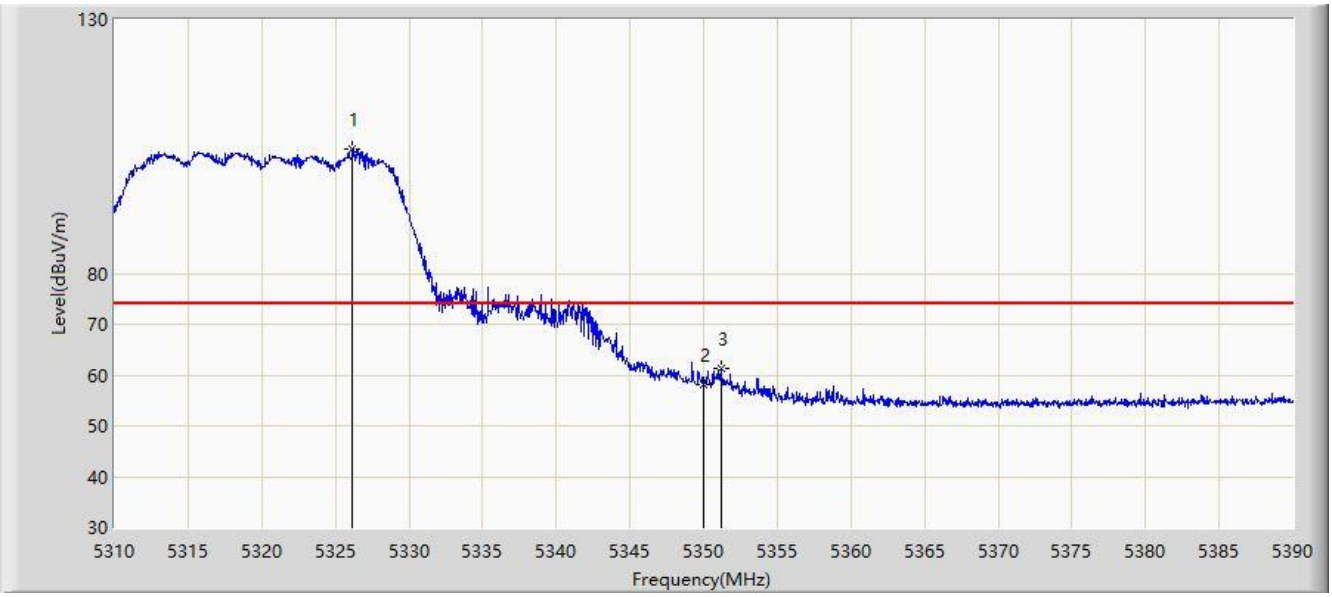


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.280	105.641	101.561	N/A	N/A	4.080	AV
2			5350.000	53.241	49.127	-0.759	54.000	4.114	AV

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: 2020/07/23 - 23:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

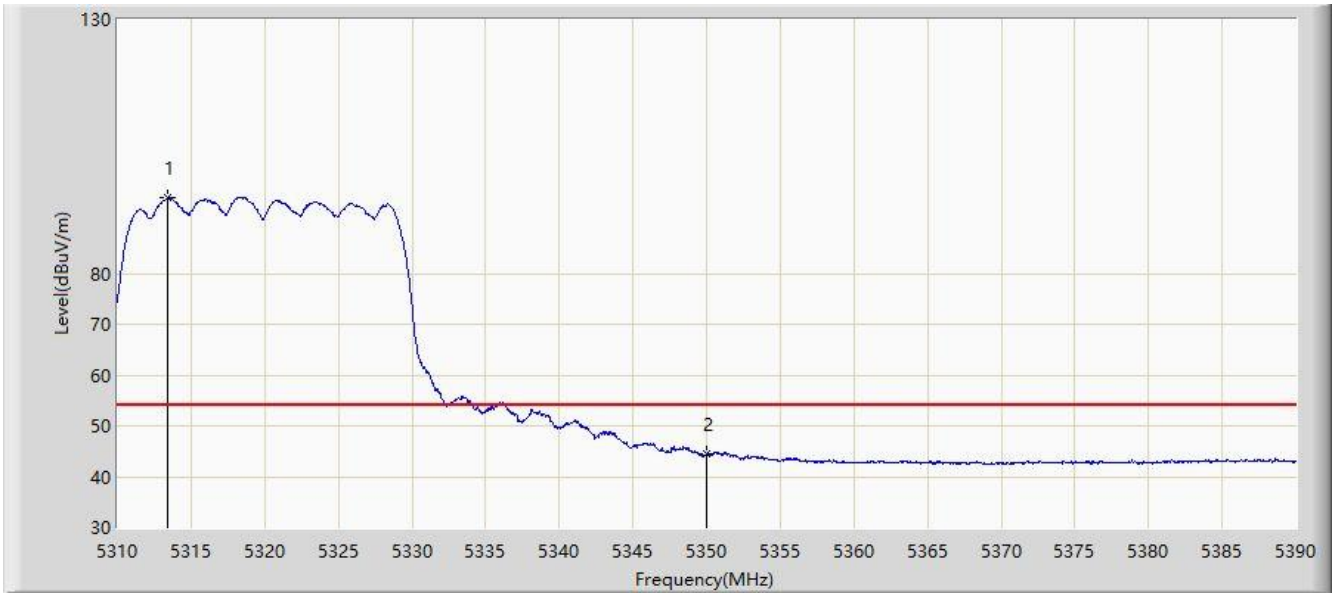


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.160	104.471	100.381	N/A	N/A	4.090	PK
2			5350.000	58.204	54.090	-15.796	74.000	4.114	PK
3			5351.160	61.165	57.050	-12.835	74.000	4.115	PK

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: 2020/07/23 - 23:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

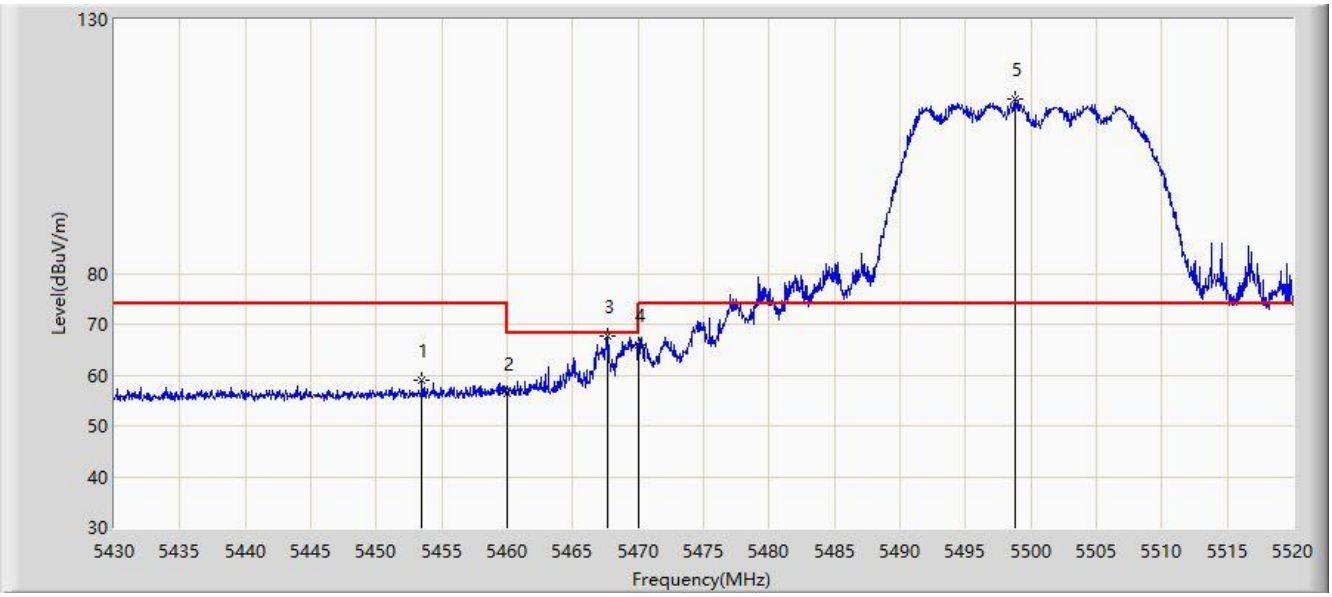


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.400	94.959	90.883	N/A	N/A	4.076	AV
2			5350.000	44.554	40.440	-9.446	54.000	4.114	AV

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: 2020/07/23 - 23:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

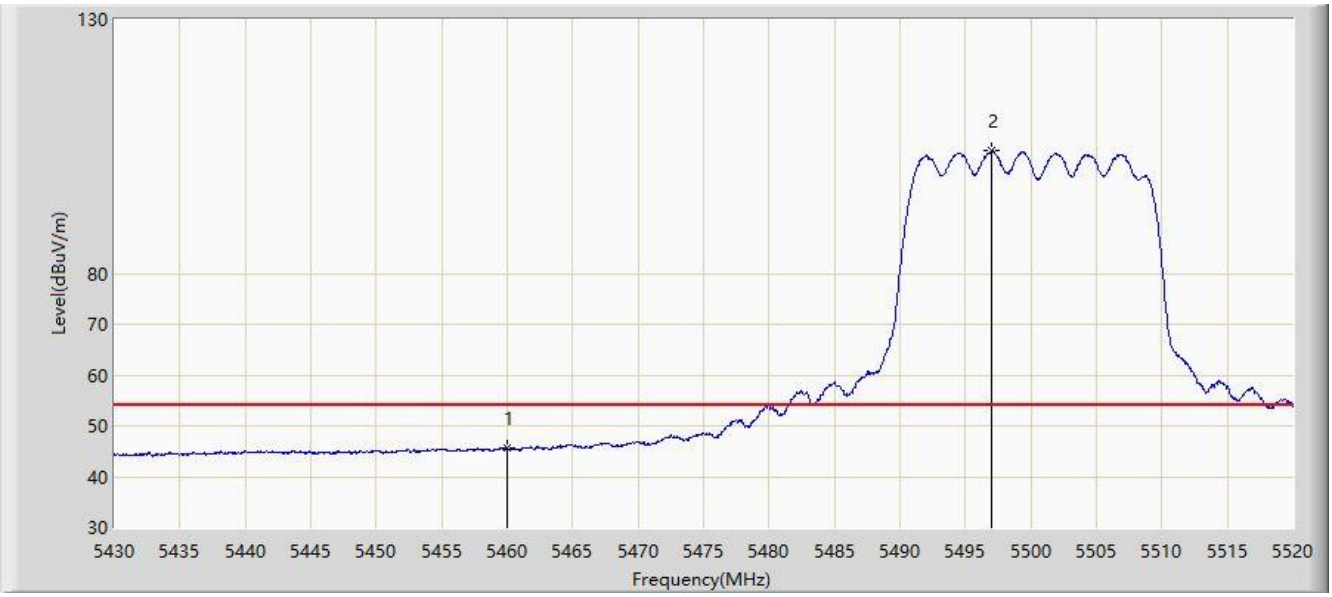


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5453.490	58.901	54.681	-15.099	74.000	4.221	PK
2			5460.000	56.478	52.250	-17.522	74.000	4.228	PK
3			5467.710	67.689	63.453	-0.511	68.200	4.236	PK
4			5470.000	65.972	61.733	-2.228	68.200	4.238	PK
5		*	5498.760	114.233	109.957	N/A	N/A	4.275	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: 2020/07/23 - 23:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

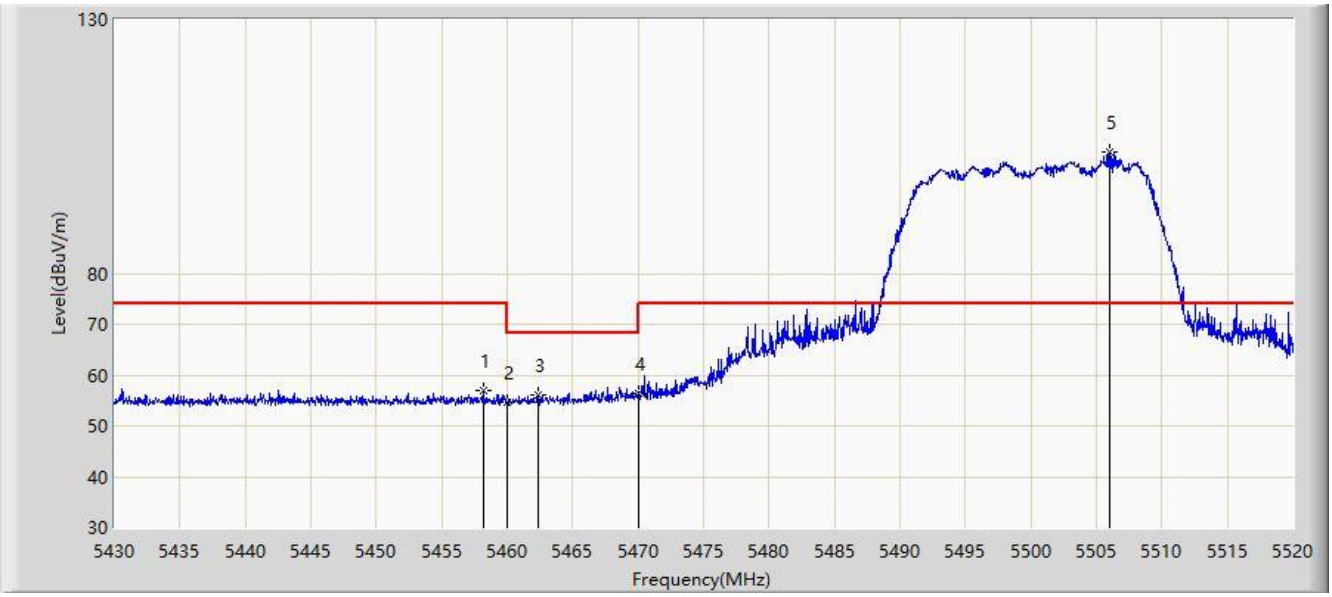


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.606	41.378	-8.394	54.000	4.228	AV
2		*	5497.005	104.175	99.902	N/A	N/A	4.273	AV

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: 2020/07/23 - 23:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

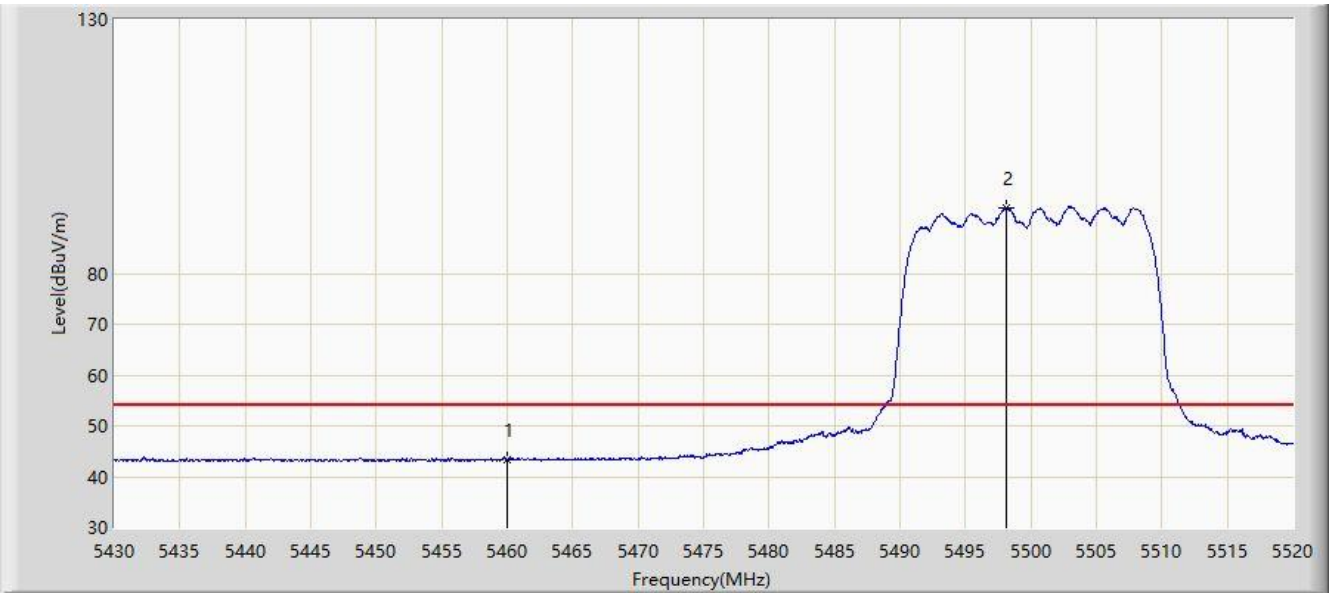


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.170	56.969	52.743	-17.031	74.000	4.226	PK
2			5460.000	54.580	50.352	-19.420	74.000	4.228	PK
3			5462.400	56.166	51.936	-12.034	68.200	4.230	PK
4			5470.000	56.494	52.255	-11.706	68.200	4.238	PK
5		*	5505.960	103.934	99.644	N/A	N/A	4.290	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: 2020/07/23 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

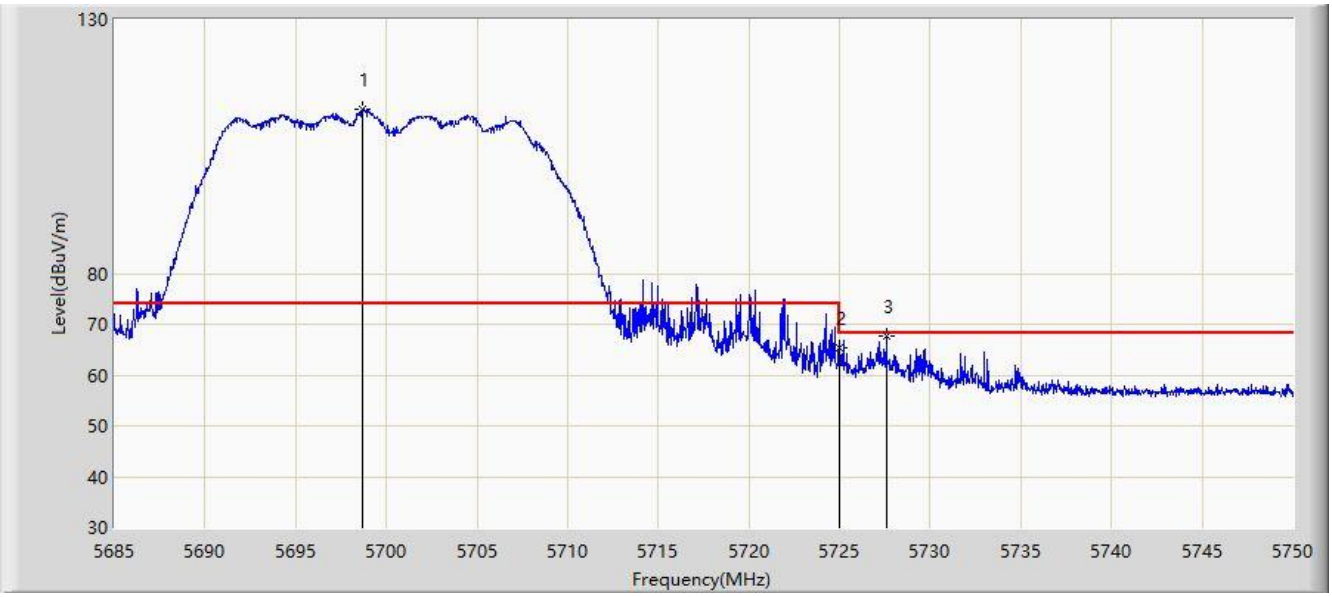


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	43.357	39.129	-10.643	54.000	4.228	AV
2		*	5498.175	92.915	88.640	N/A	N/A	4.275	AV

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: 2020/07/23 - 23:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz	

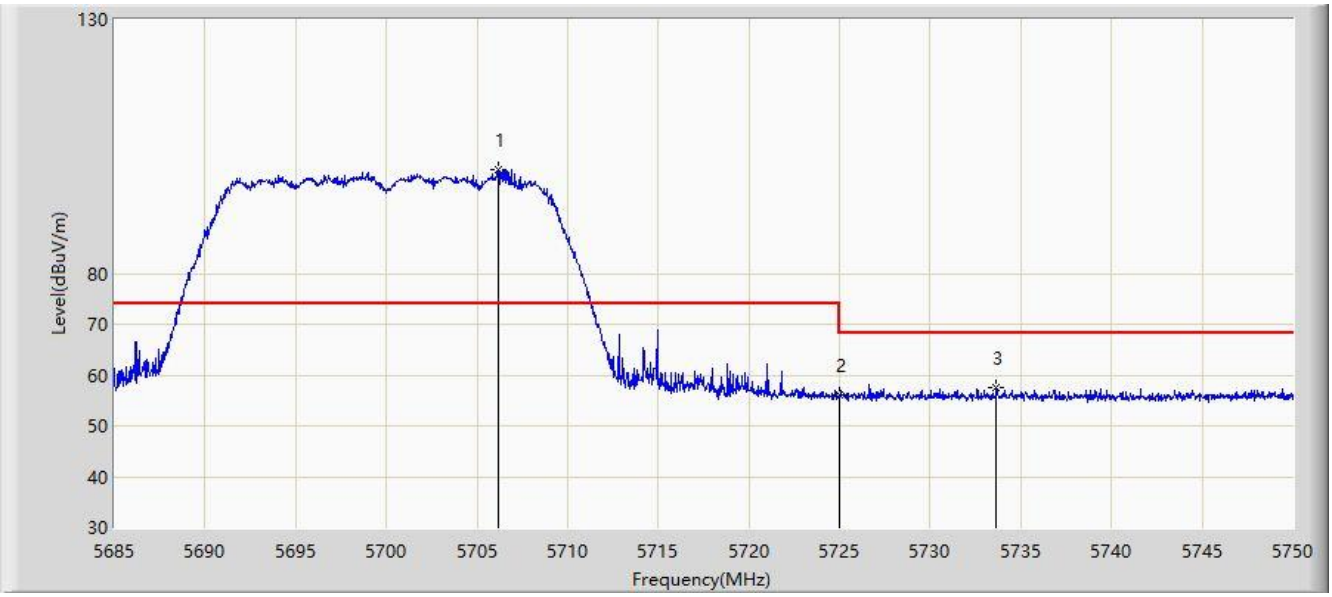


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.683	112.215	107.301	N/A	N/A	4.914	PK
2			5725.000	65.388	60.389	-2.812	68.200	4.999	PK
3			5727.575	67.593	62.585	-0.607	68.200	5.008	PK

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: 2020/07/23 - 23:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz	

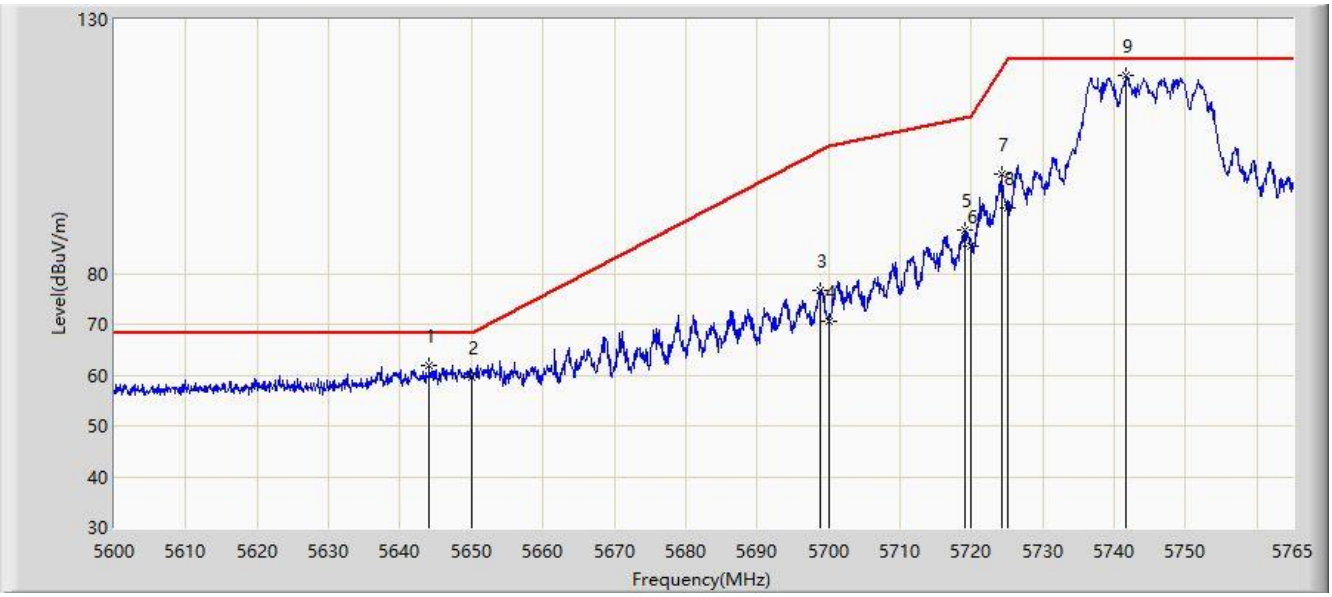


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5706.158	100.526	95.589	N/A	N/A	4.937	PK
2			5725.000	56.041	51.042	-12.159	68.200	4.999	PK
3			5733.652	57.536	52.509	-10.664	68.200	5.027	PK

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: 2020/07/17 - 01:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz	

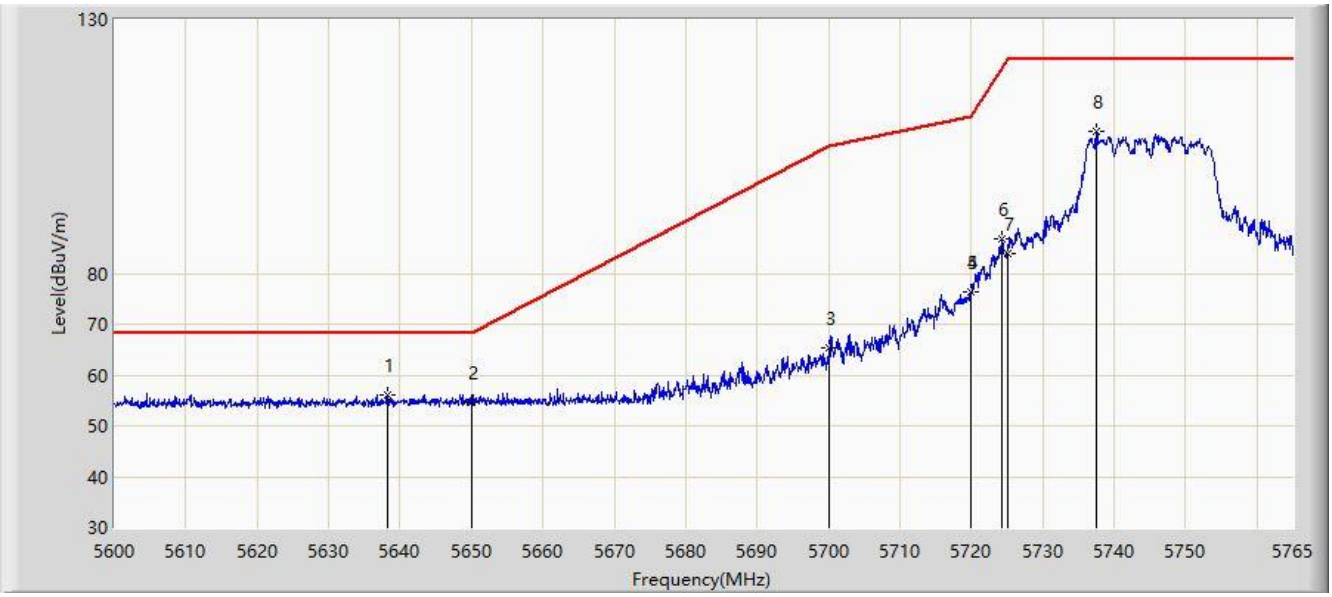


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5644.138	61.976	57.238	-6.224	68.200	4.737	PK
2			5650.000	59.585	54.828	-8.615	68.200	4.756	PK
3			5698.752	76.565	71.651	-27.716	104.280	4.914	PK
4			5700.000	70.690	65.772	-34.510	105.200	4.918	PK
5			5719.047	88.428	83.448	-22.106	110.534	4.980	PK
6			5720.000	85.314	80.331	-25.486	110.800	4.983	PK
7			5724.245	99.486	94.489	-20.993	120.479	4.997	PK
8			5725.000	92.994	87.995	-29.206	122.200	4.999	PK
9		*	5741.735	119.063	114.010	N/A	N/A	5.053	PK

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

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

Site: AC1	Time: 2020/07/17 - 01:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz	

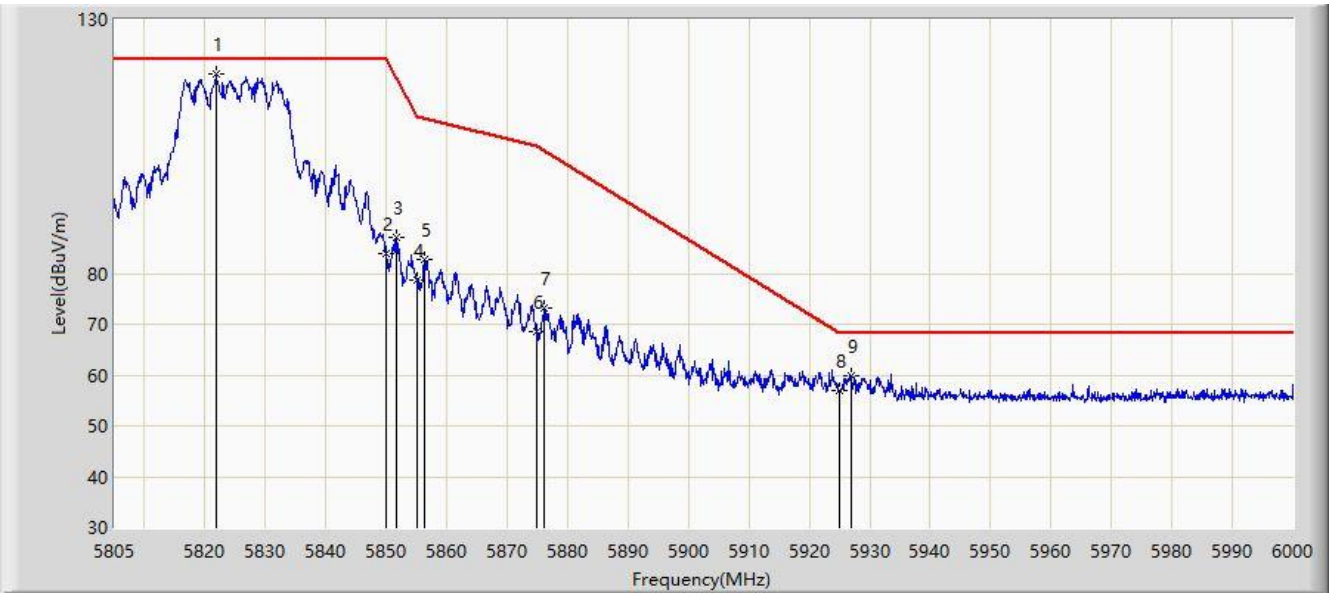


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5638.280	56.121	51.402	-12.079	68.200	4.720	PK
2			5650.000	54.764	50.007	-13.436	68.200	4.756	PK
3			5700.000	65.279	60.361	-39.921	105.200	4.918	PK
4			5719.955	76.423	71.440	-34.365	110.787	4.983	PK
5			5720.000	76.372	71.389	-34.428	110.800	4.983	PK
6			5724.245	86.685	81.688	-33.794	120.479	4.997	PK
7			5725.000	83.870	78.871	-38.330	122.200	4.999	PK
8			5737.527	107.919	102.880	N/A	N/A	5.039	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: 2020/07/17 - 01:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz	

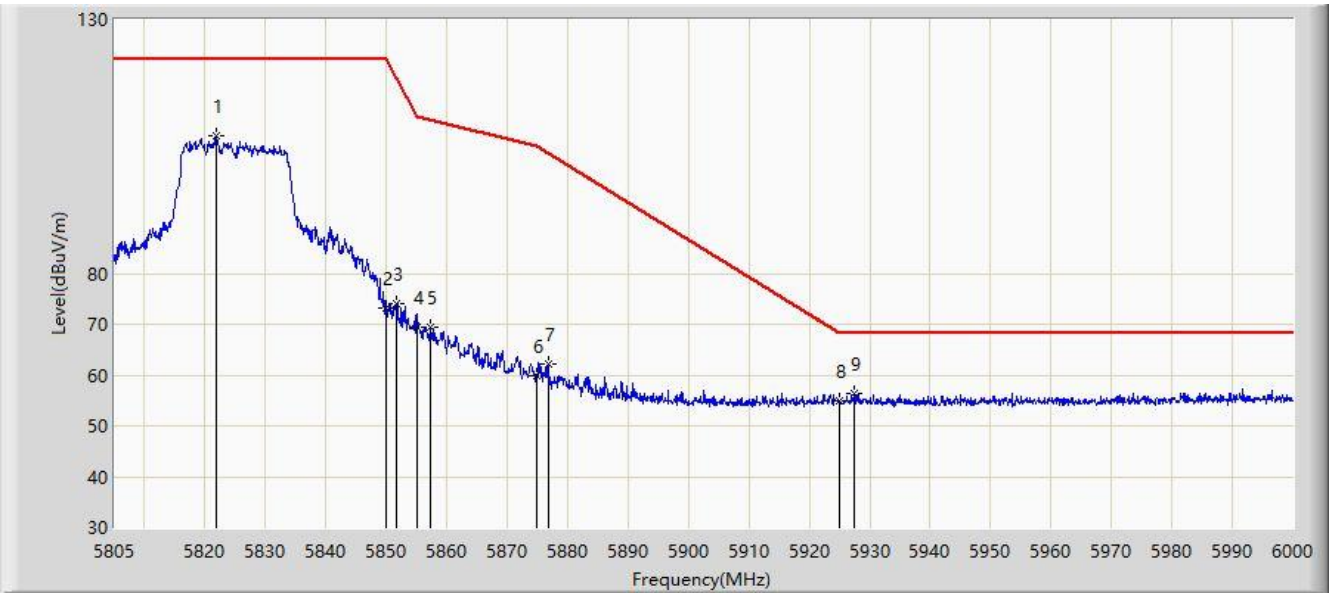


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.868	119.312	113.999	N/A	N/A	5.313	PK
2			5850.000	83.987	78.583	-38.213	122.200	5.404	PK
3			5851.703	87.013	81.603	-31.303	118.316	5.410	PK
4			5855.000	78.705	73.285	-32.095	110.800	5.420	PK
5			5856.382	82.845	77.420	-27.568	110.412	5.424	PK
6			5875.000	68.474	62.990	-36.726	105.200	5.485	PK
7			5876.175	73.240	67.752	-31.087	104.327	5.489	PK
8			5925.000	56.956	51.309	-11.244	68.200	5.647	PK
9			5926.973	59.800	54.147	-8.400	68.200	5.653	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: 2020/07/17 - 01:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz	

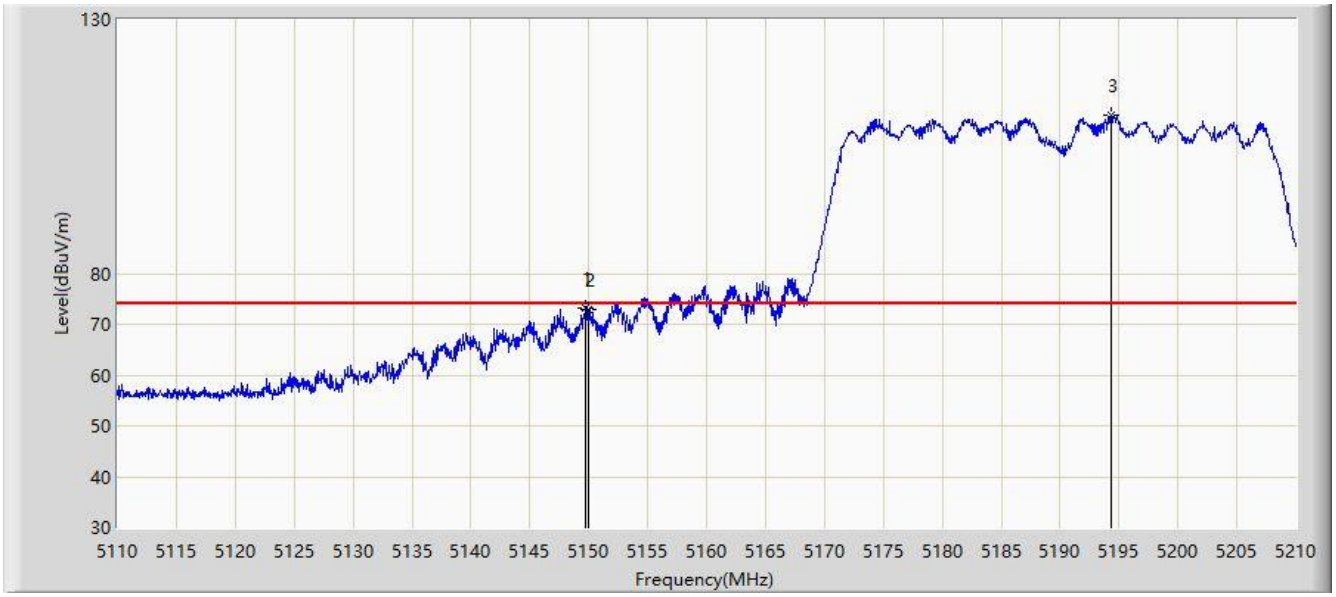


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5821.770	107.146	101.833	N/A	N/A	5.312	PK
2			5850.000	73.211	67.807	-48.989	122.200	5.404	PK
3			5851.703	73.961	68.551	-44.355	118.316	5.410	PK
4			5855.000	69.487	64.067	-41.313	110.800	5.420	PK
5			5857.357	69.327	63.899	-40.812	110.139	5.428	PK
6			5875.000	59.928	54.444	-45.272	105.200	5.485	PK
7			5876.760	62.227	56.737	-41.665	103.892	5.489	PK
8			5925.000	54.812	49.165	-13.388	68.200	5.647	PK
9		*	5927.460	56.492	50.837	-11.708	68.200	5.655	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: 2020/07/23 - 23:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz	

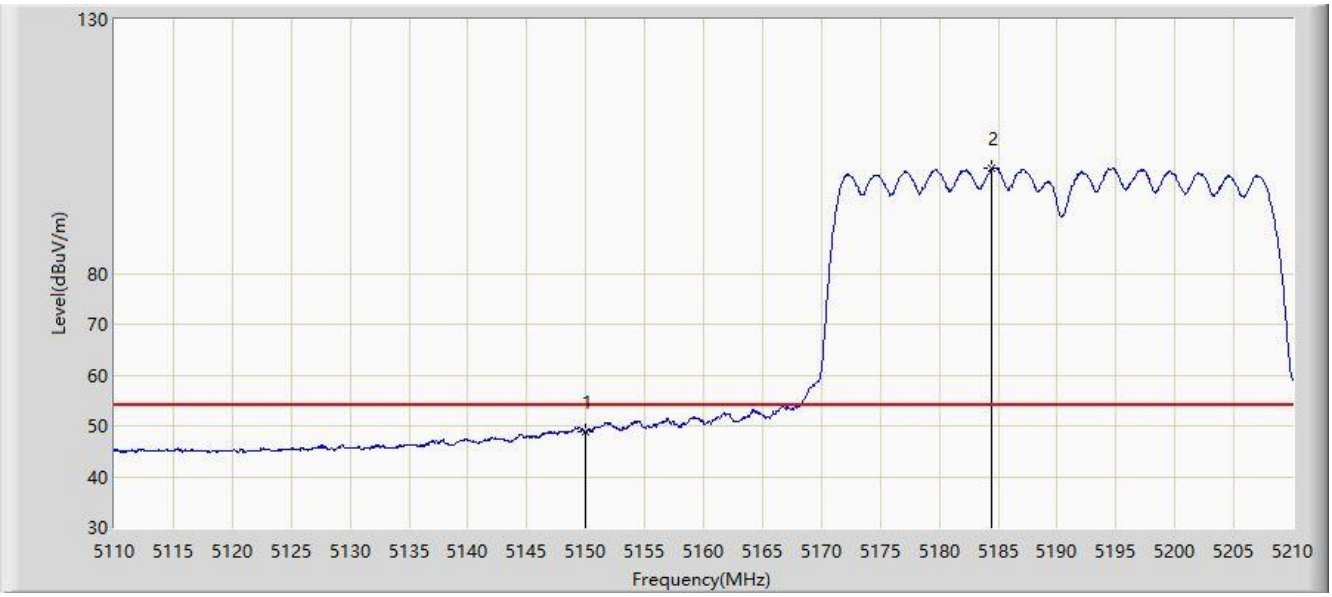


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.750	73.188	69.282	-0.812	74.000	3.905	PK
2			5150.000	72.883	68.977	-1.117	74.000	3.906	PK
3		*	5194.350	111.240	107.288	N/A	N/A	3.952	PK

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: 2020/07/23 - 23:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz	

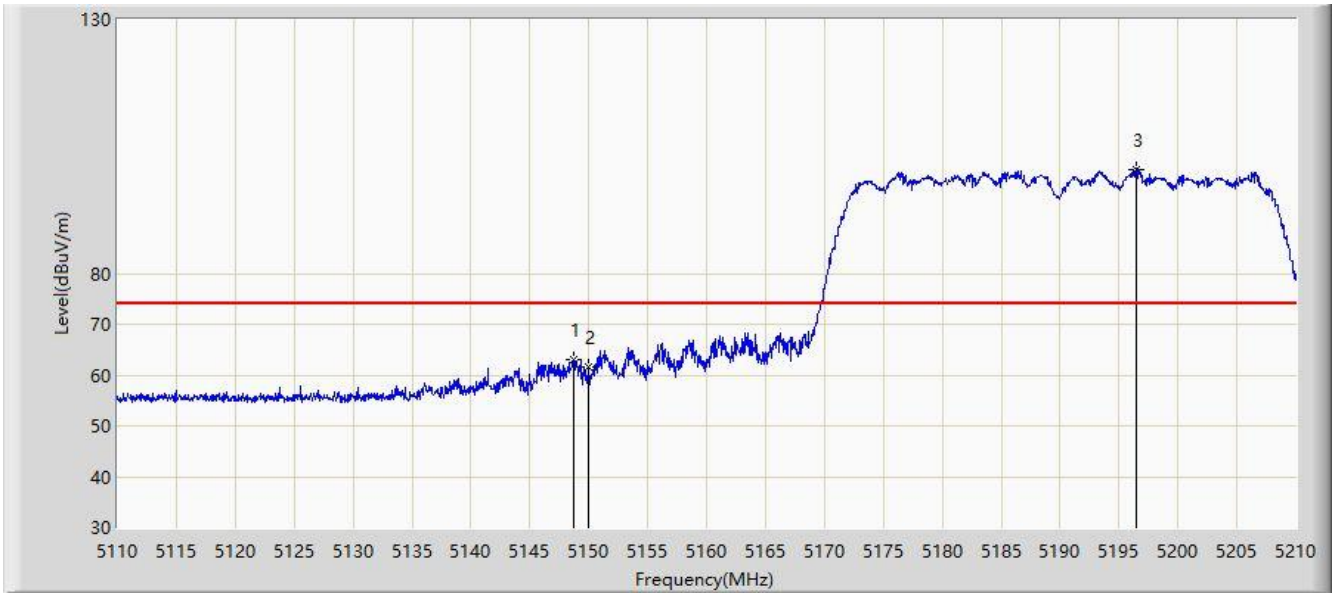


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.855	44.949	-5.145	54.000	3.906	AV
2		*	5184.450	100.660	96.718	N/A	N/A	3.941	AV

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: 2020/07/23 - 23:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz	

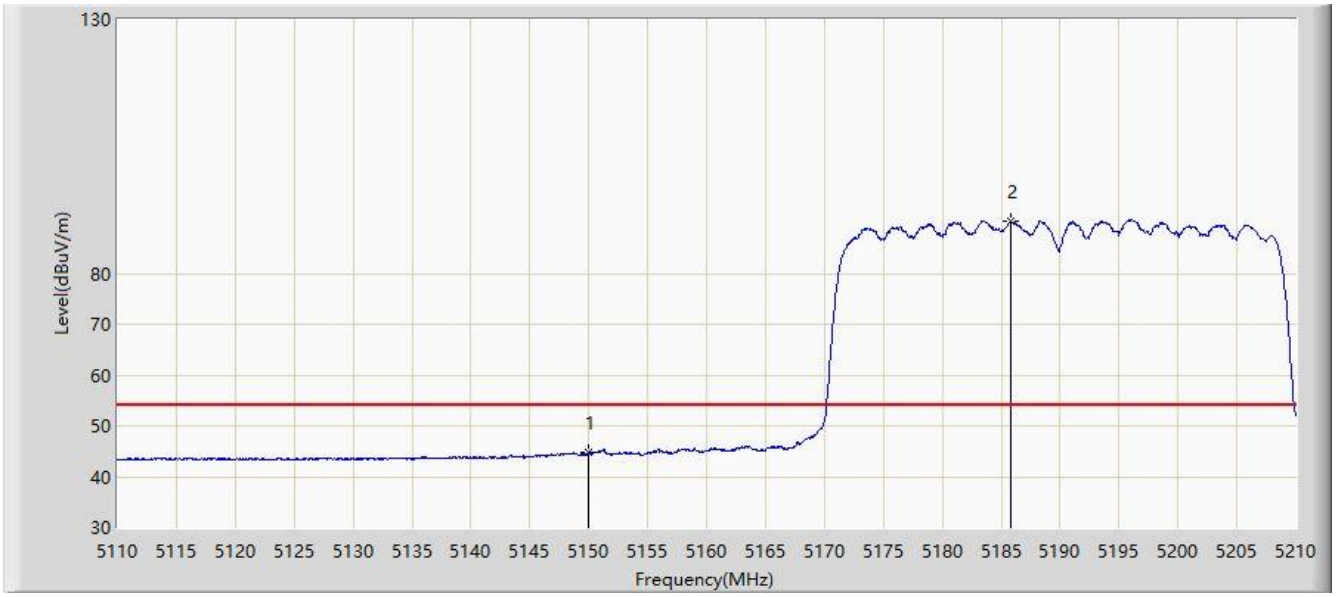


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.700	62.941	59.036	-11.059	74.000	3.905	PK
2			5150.000	61.532	57.626	-12.468	74.000	3.906	PK
3		*	5196.450	100.400	96.446	N/A	N/A	3.954	PK

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: 2020/07/23 - 23:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz	

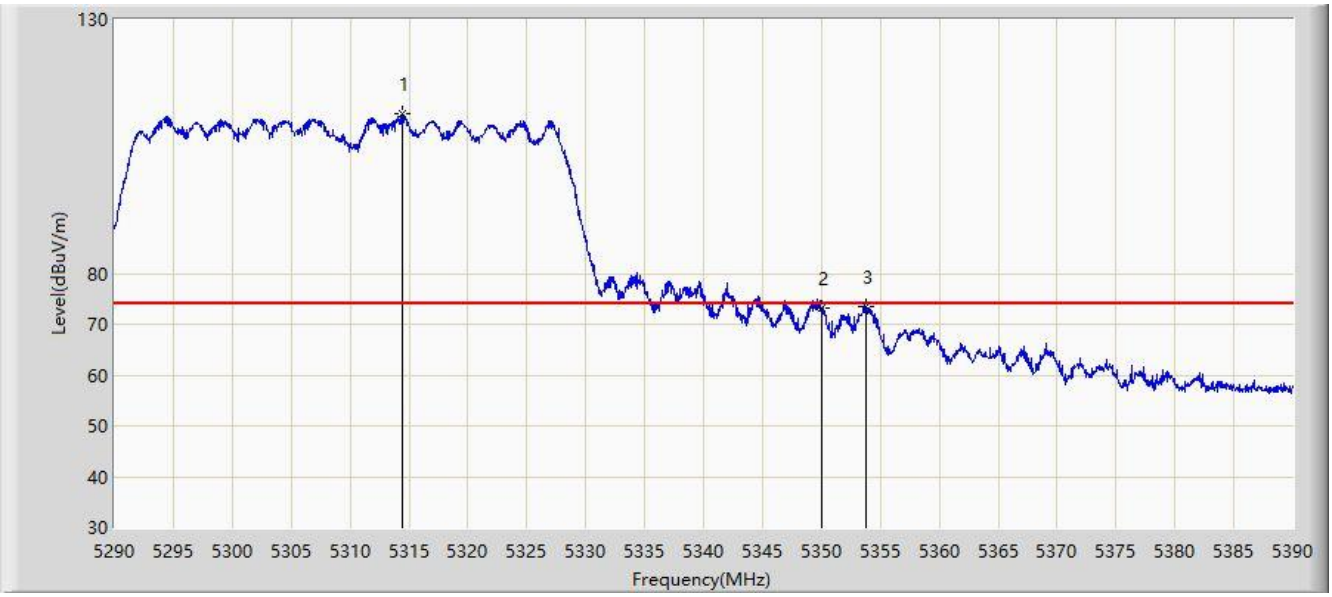


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	44.716	40.810	-9.284	54.000	3.906	AV
2		*	5185.850	90.421	86.478	N/A	N/A	3.943	AV

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

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

Site: AC1	Time: 2020/07/23 - 23:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz	

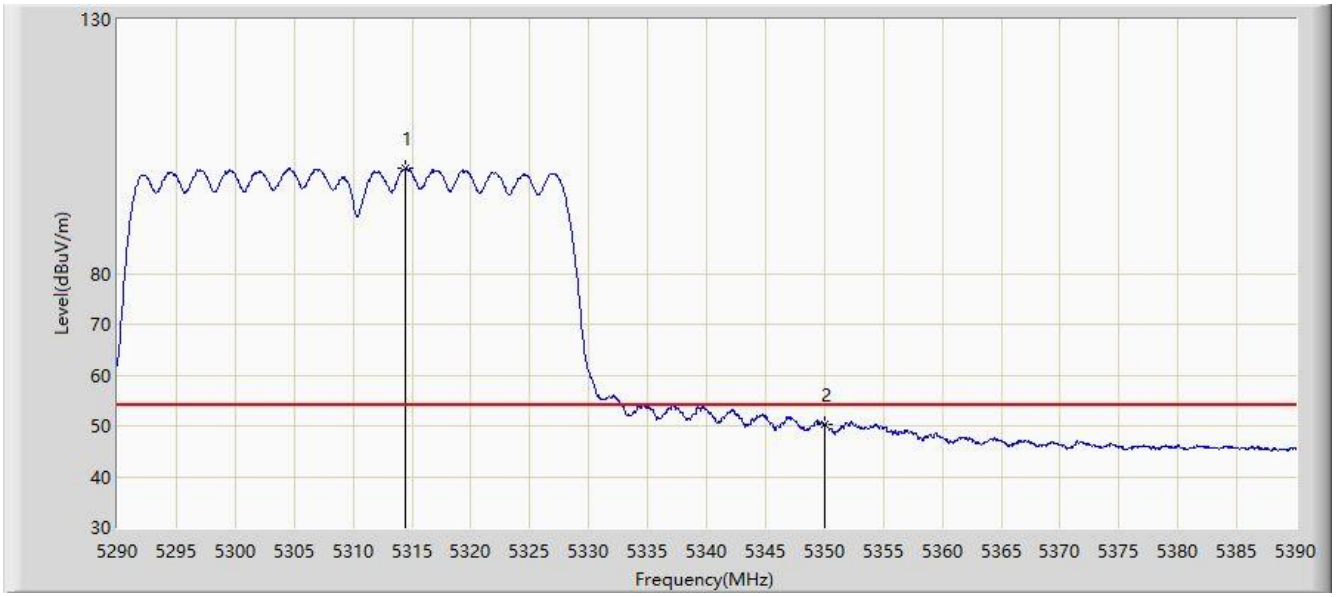


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.400	111.315	107.238	N/A	N/A	4.077	PK
2			5350.000	73.149	69.035	-0.851	74.000	4.114	PK
3			5353.750	73.415	69.297	-0.585	74.000	4.117	PK

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

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

Site: AC1	Time: 2020/07/23 - 23:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz	

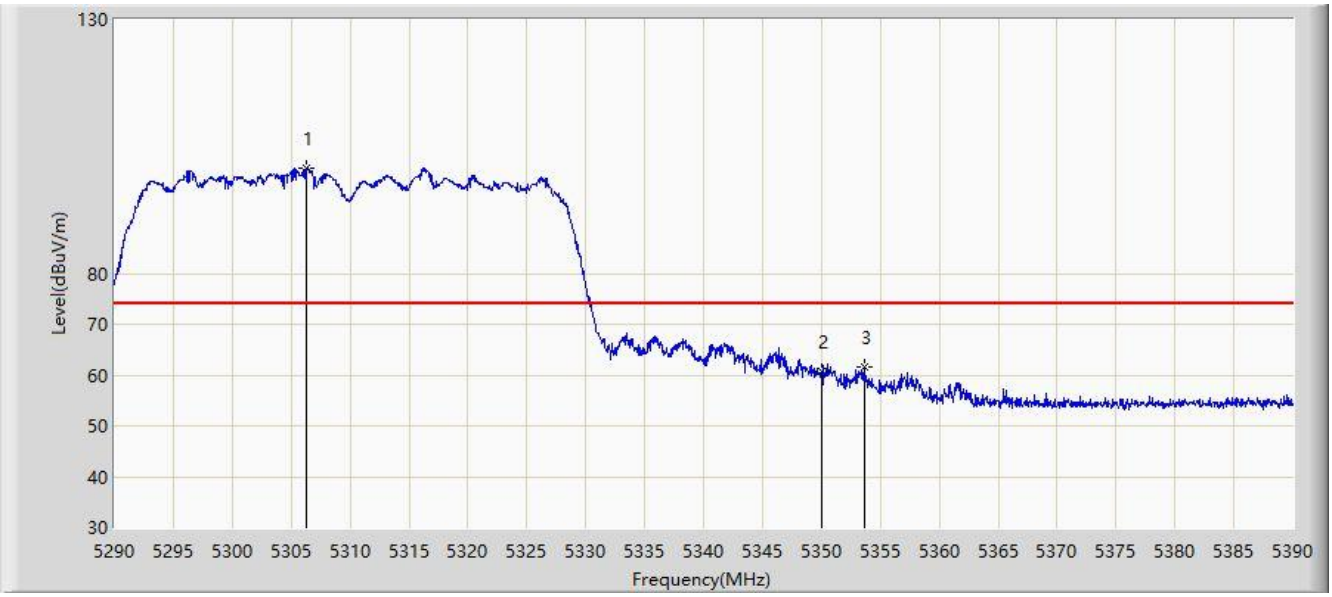


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.450	100.757	96.680	N/A	N/A	4.077	AV
2			5350.000	50.433	46.319	-3.567	54.000	4.114	AV

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: 2020/07/23 - 23:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz	

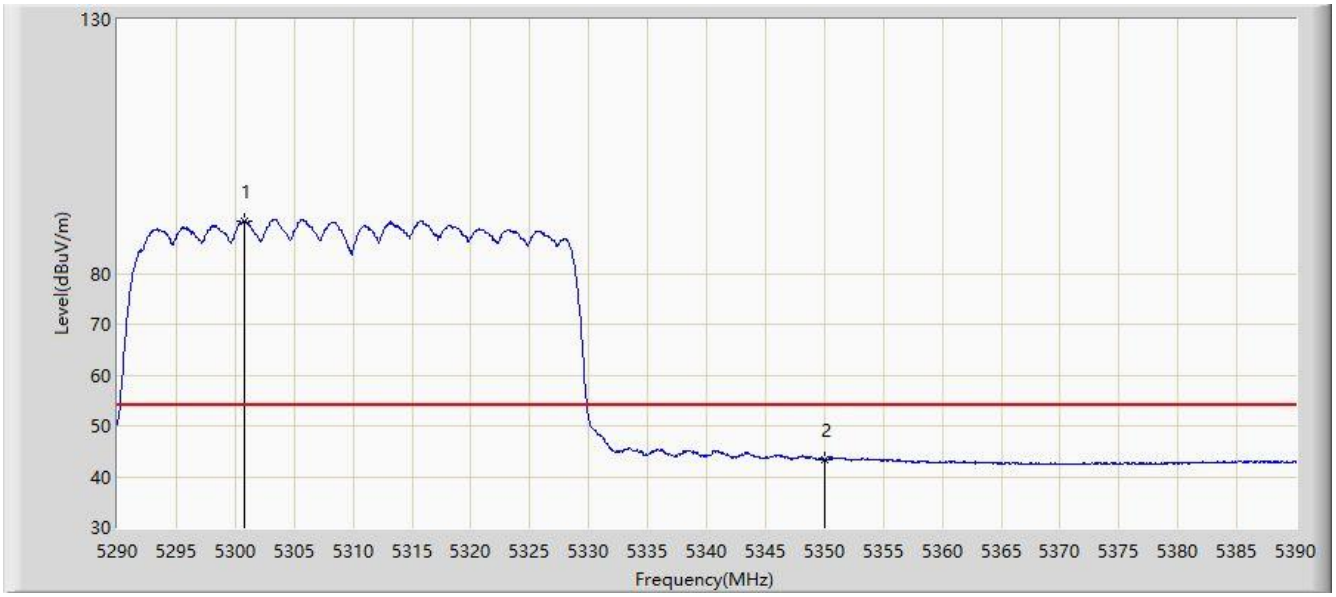


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5306.300	100.804	96.735	N/A	N/A	4.069	PK
2			5350.000	60.588	56.474	-13.412	74.000	4.114	PK
3			5353.600	61.641	57.523	-12.359	74.000	4.117	PK

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

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

Site: AC1	Time: 2020/07/23 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz	

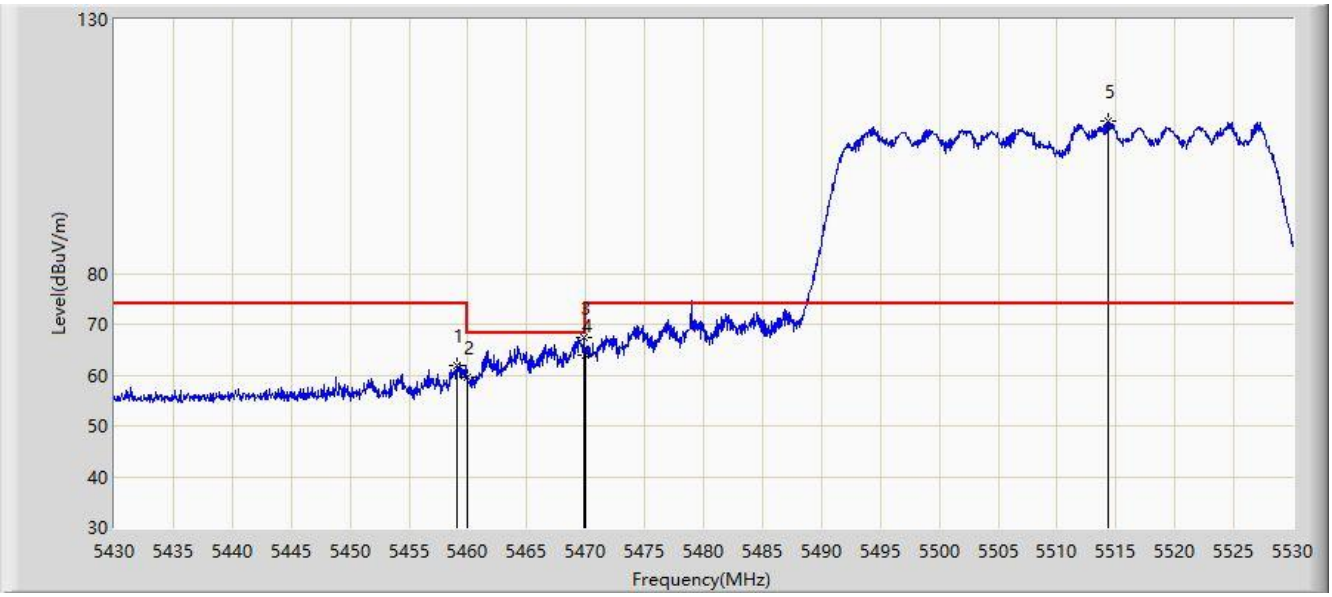


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5300.800	90.416	86.353	N/A	N/A	4.063	AV
2			5350.000	43.305	39.191	-10.695	54.000	4.114	AV

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: 2020/07/24 - 00:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz	

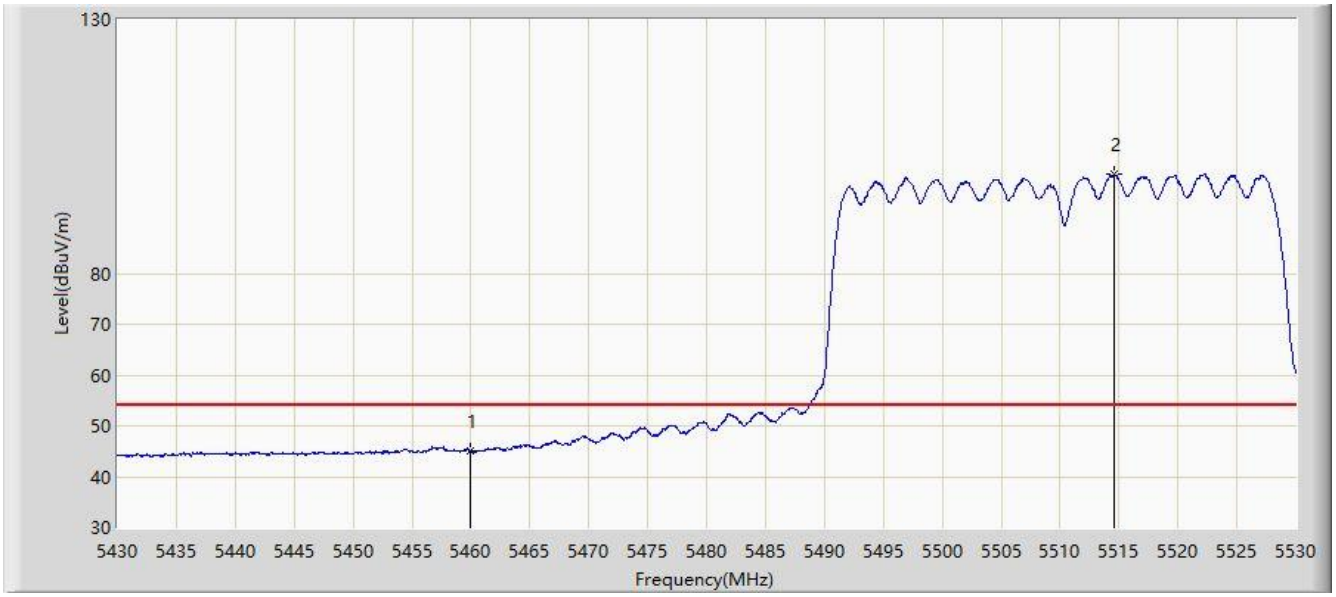


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.050	61.959	57.732	-12.041	74.000	4.226	PK
2			5460.000	59.672	55.444	-14.328	74.000	4.228	PK
3			5469.800	67.262	63.023	-0.938	68.200	4.238	PK
4			5470.000	63.978	59.739	-4.222	68.200	4.238	PK
5		*	5514.350	109.940	105.623	N/A	N/A	4.317	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: 2020/07/24 - 00:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz	

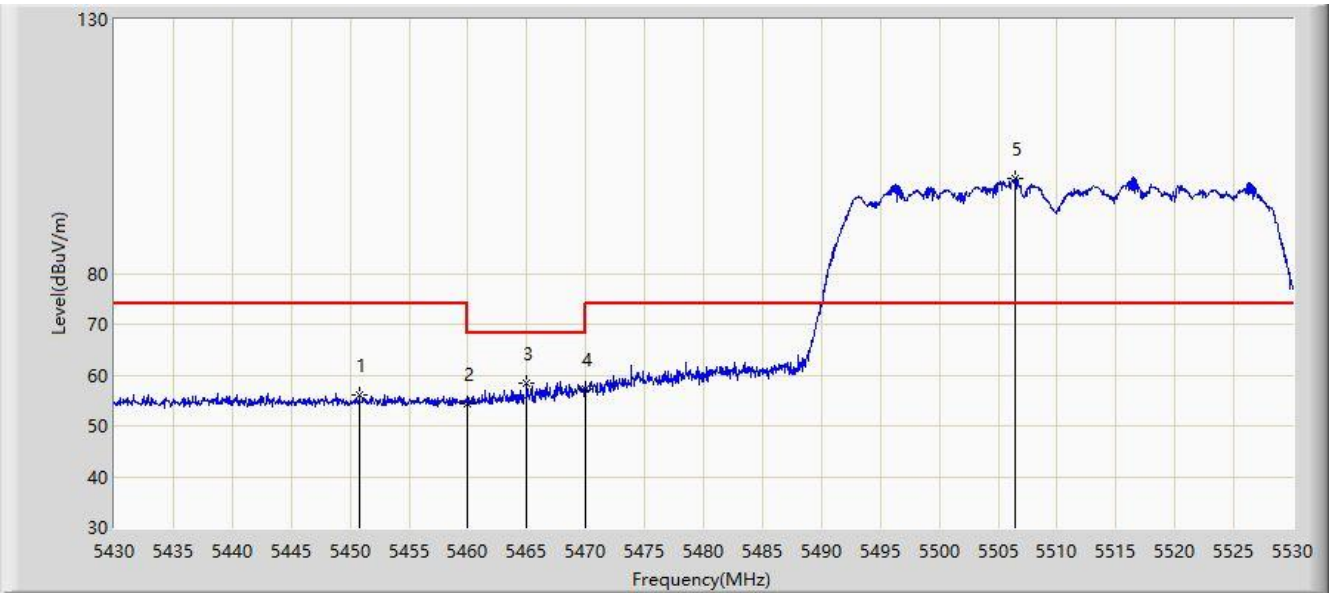


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.113	40.885	-8.887	54.000	4.228	AV
2		*	5514.600	99.533	95.215	N/A	N/A	4.317	AV

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: 2020/07/24 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz	

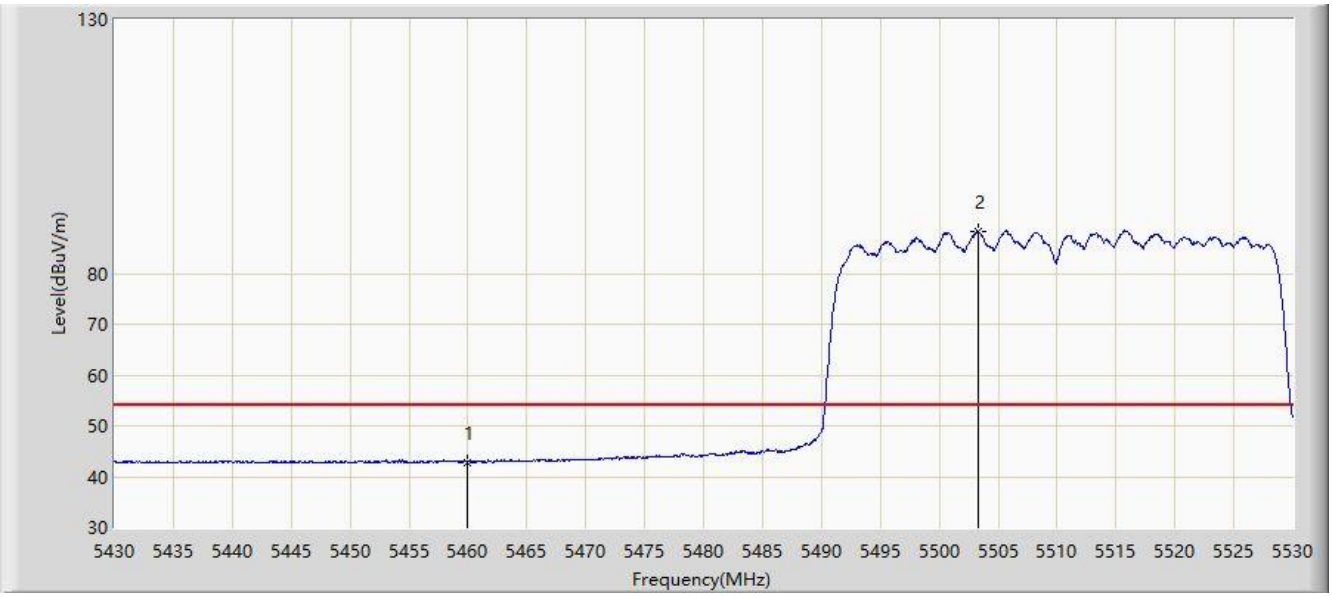


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5450.800	56.192	51.974	-17.808	74.000	4.217	PK
2			5460.000	54.454	50.226	-19.546	74.000	4.228	PK
3			5465.000	58.273	54.040	-9.927	68.200	4.233	PK
4			5470.000	57.163	52.924	-11.037	68.200	4.238	PK
5		*	5506.500	98.814	94.523	N/A	N/A	4.291	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: 2020/07/24 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz	

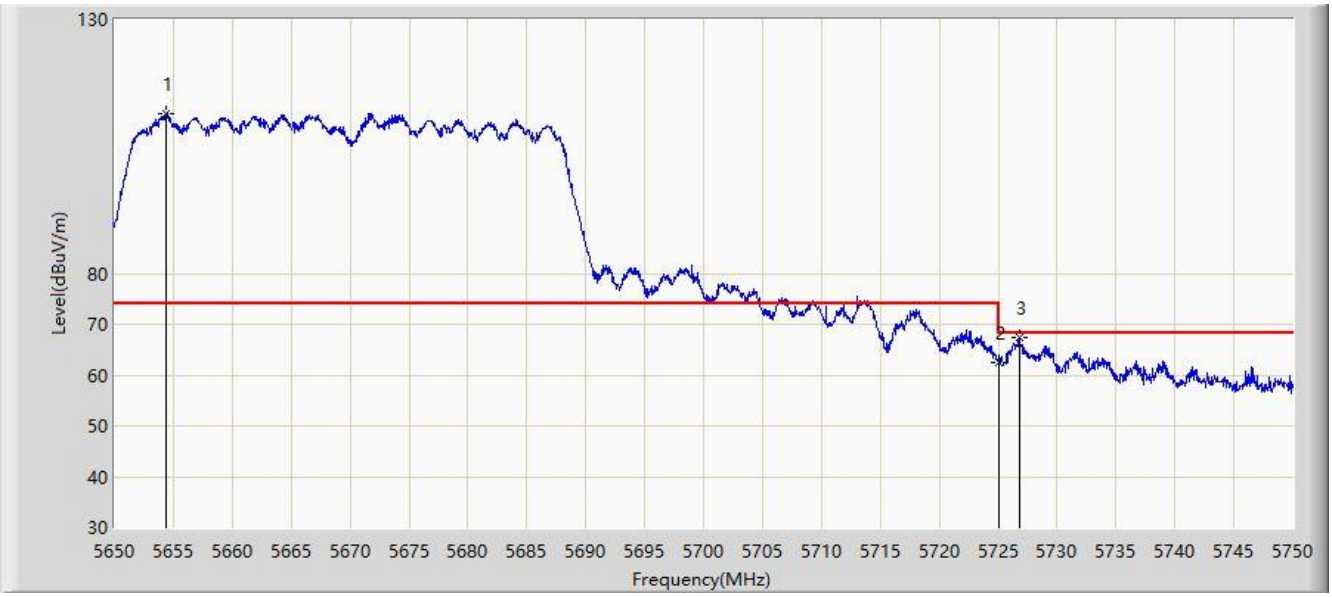


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	42.820	38.592	-11.180	54.000	4.228	AV
2		*	5503.250	88.273	83.989	N/A	N/A	4.283	AV

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: 2020/07/24 - 00:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz	

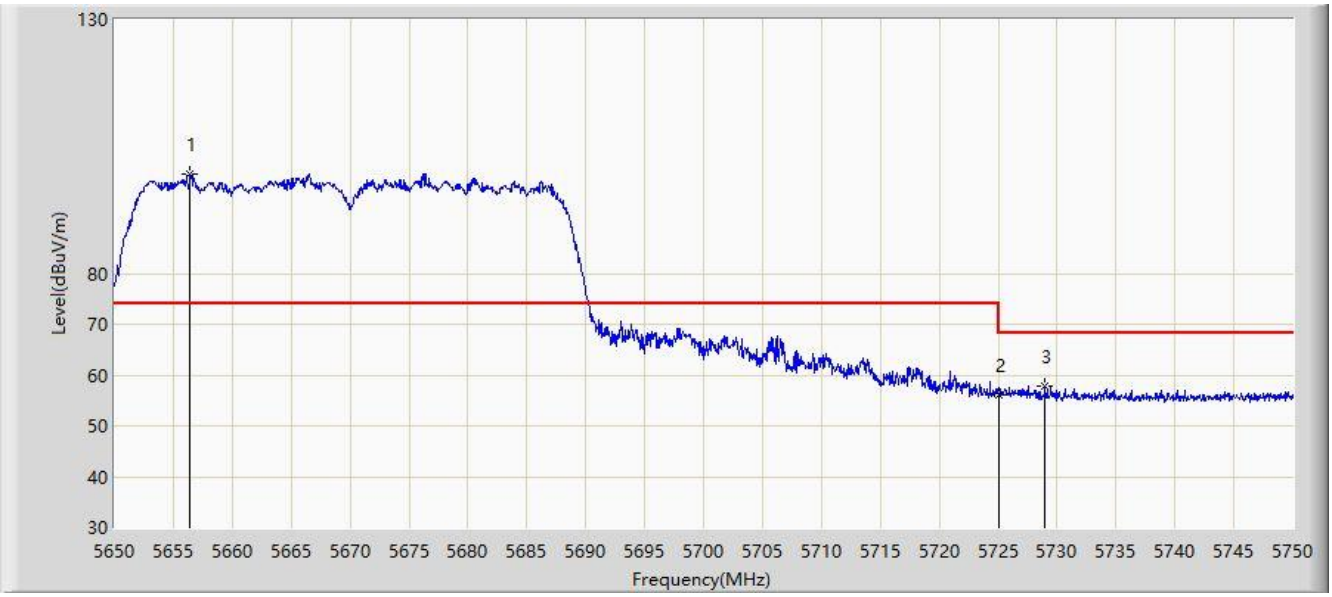


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5654.350	111.542	106.772	N/A	N/A	4.770	PK
2			5725.000	62.570	57.571	-5.630	68.200	4.999	PK
3			5726.800	67.422	62.417	-0.778	68.200	5.005	PK

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: 2020/07/24 - 00:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz	

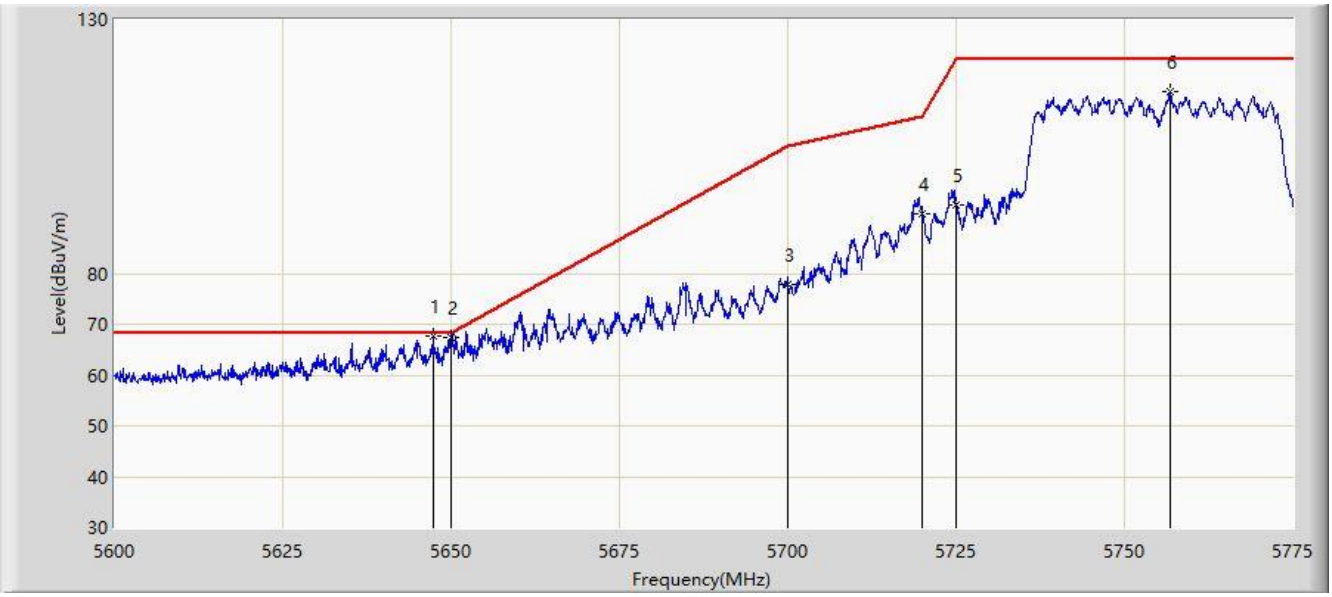


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5656.450	99.538	94.761	N/A	N/A	4.778	PK
2			5725.000	56.025	51.026	-12.175	68.200	4.999	PK
3			5729.000	57.798	52.786	-10.402	68.200	5.012	PK

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: 2020/07/24 - 00:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz	

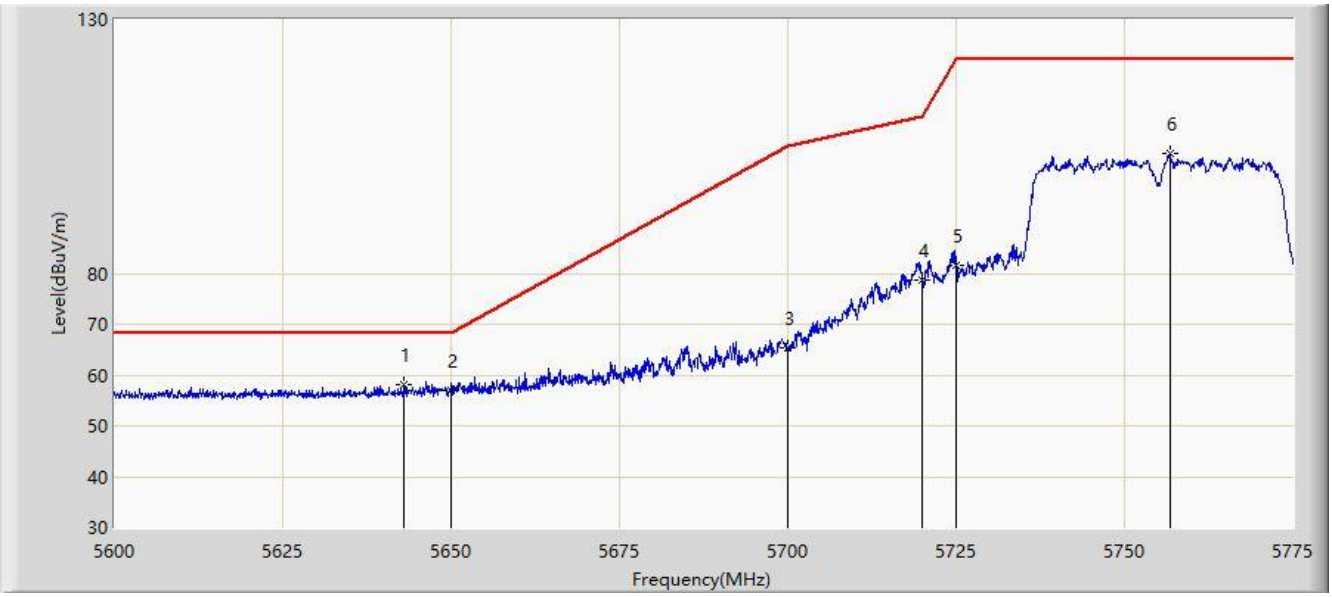


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5647.337	67.618	62.870	-0.582	68.200	4.748	PK
2			5650.000	67.534	62.777	-0.666	68.200	4.756	PK
3			5700.000	77.837	72.919	-27.363	105.200	4.918	PK
4			5720.000	91.651	86.668	-19.149	110.800	4.983	PK
5			5725.000	93.618	88.619	-28.582	122.200	4.999	PK
6			5756.800	115.771	110.669	N/A	N/A	5.101	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: 2020/07/24 - 00:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz	

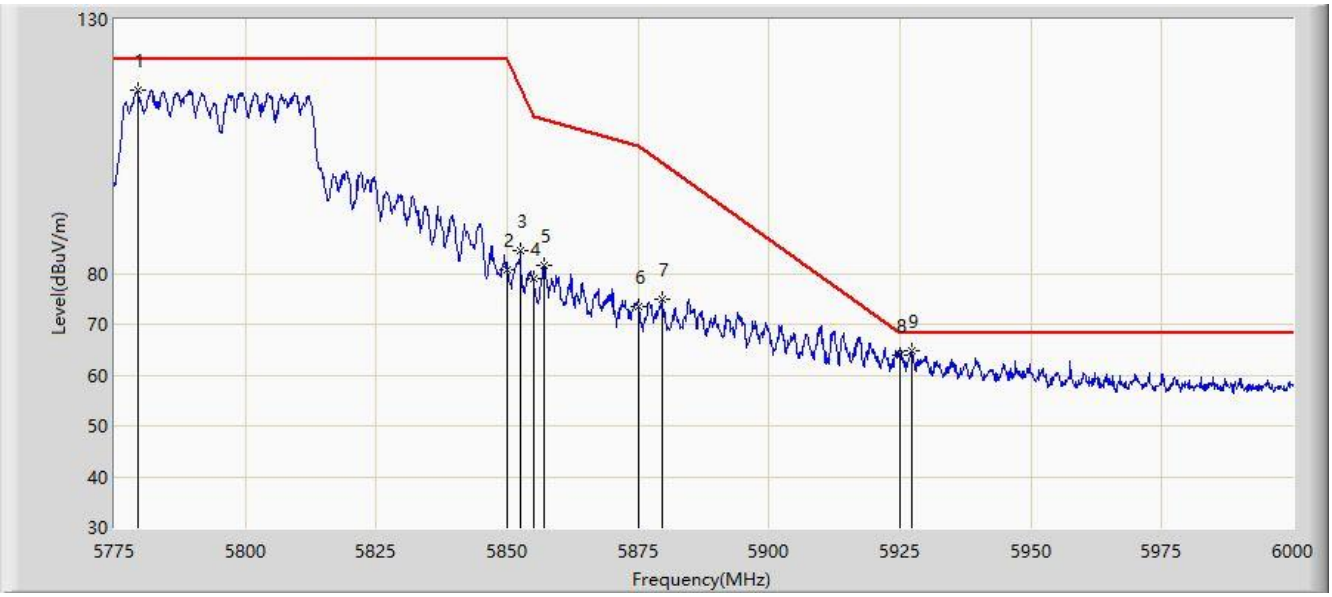


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5643.050	58.182	53.448	-10.018	68.200	4.735	PK
2			5650.000	57.070	52.313	-11.130	68.200	4.756	PK
3			5700.000	65.339	60.421	-39.861	105.200	4.918	PK
4			5720.000	78.589	73.606	-32.211	110.800	4.983	PK
5			5725.000	81.507	76.508	-40.693	122.200	4.999	PK
6			5756.800	103.488	98.386	N/A	N/A	5.101	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: 2020/07/17 - 02:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz	

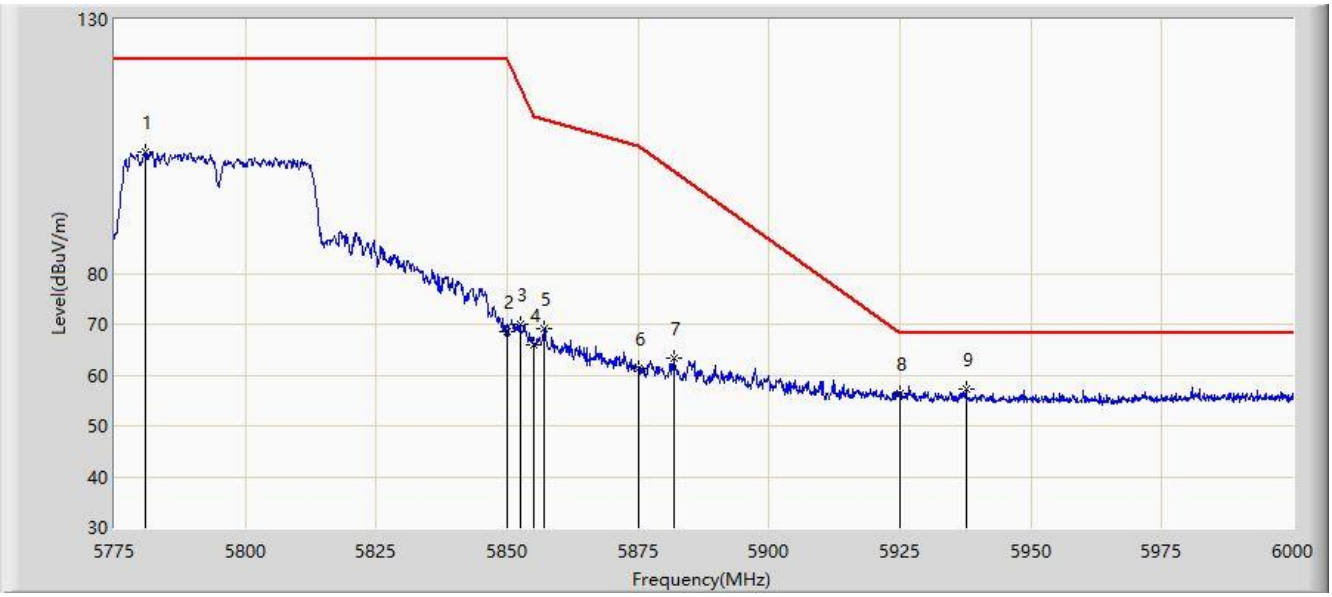


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5779.388	116.043	110.867	N/A	N/A	5.176	PK
2			5850.000	80.678	75.274	-41.522	122.200	5.404	PK
3			5852.513	84.452	79.040	-32.017	116.469	5.412	PK
4			5855.000	78.881	73.461	-31.919	110.800	5.420	PK
5			5857.125	81.727	76.300	-28.477	110.204	5.427	PK
6			5875.000	73.381	67.897	-31.819	105.200	5.485	PK
7			5879.513	74.836	69.337	-27.012	101.847	5.499	PK
8			5925.000	63.865	58.218	-4.335	68.200	5.647	PK
9		*	5927.212	64.708	59.054	-3.492	68.200	5.655	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: 2020/07/17 - 02:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz	

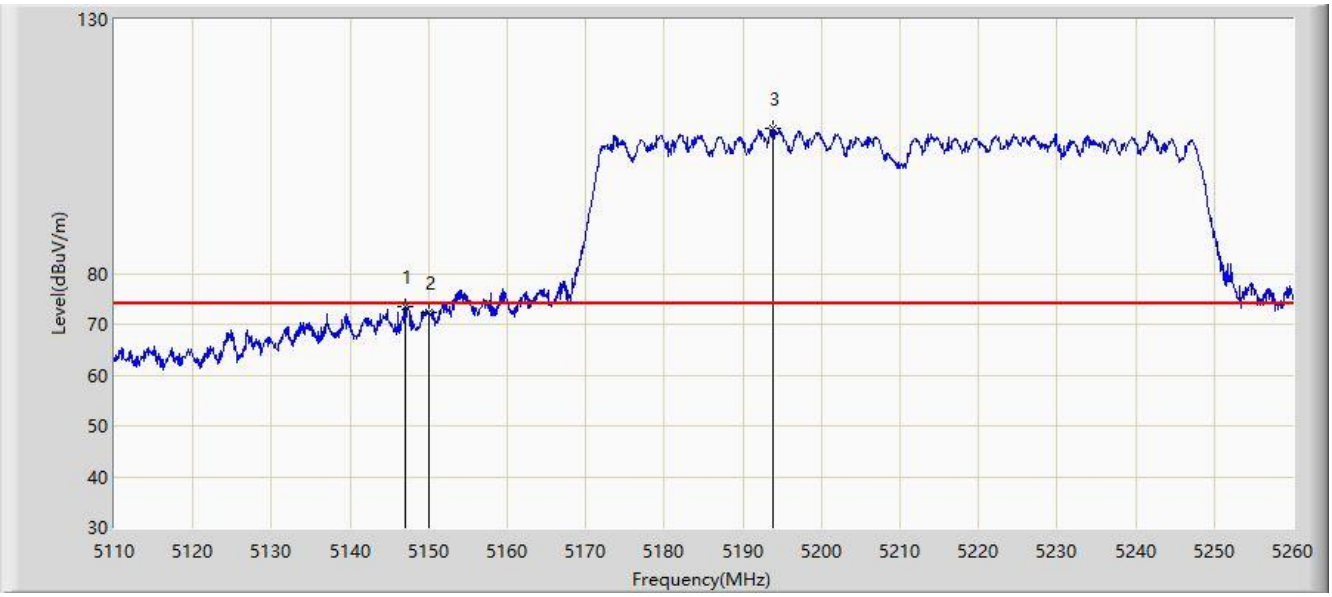


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5780.962	103.892	98.711	N/A	N/A	5.180	PK
2			5850.000	68.649	63.245	-53.551	122.200	5.404	PK
3			5852.400	70.009	64.597	-46.718	116.727	5.412	PK
4			5855.000	65.881	60.461	-44.919	110.800	5.420	PK
5			5857.125	69.156	63.729	-41.048	110.204	5.427	PK
6			5875.000	61.281	55.797	-43.919	105.200	5.485	PK
7			5881.763	63.474	57.968	-36.703	100.177	5.506	PK
8			5925.000	56.467	50.820	-11.733	68.200	5.647	PK
9		*	5937.562	57.225	51.537	-10.975	68.200	5.688	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: 2020/07/24 - 00:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz	

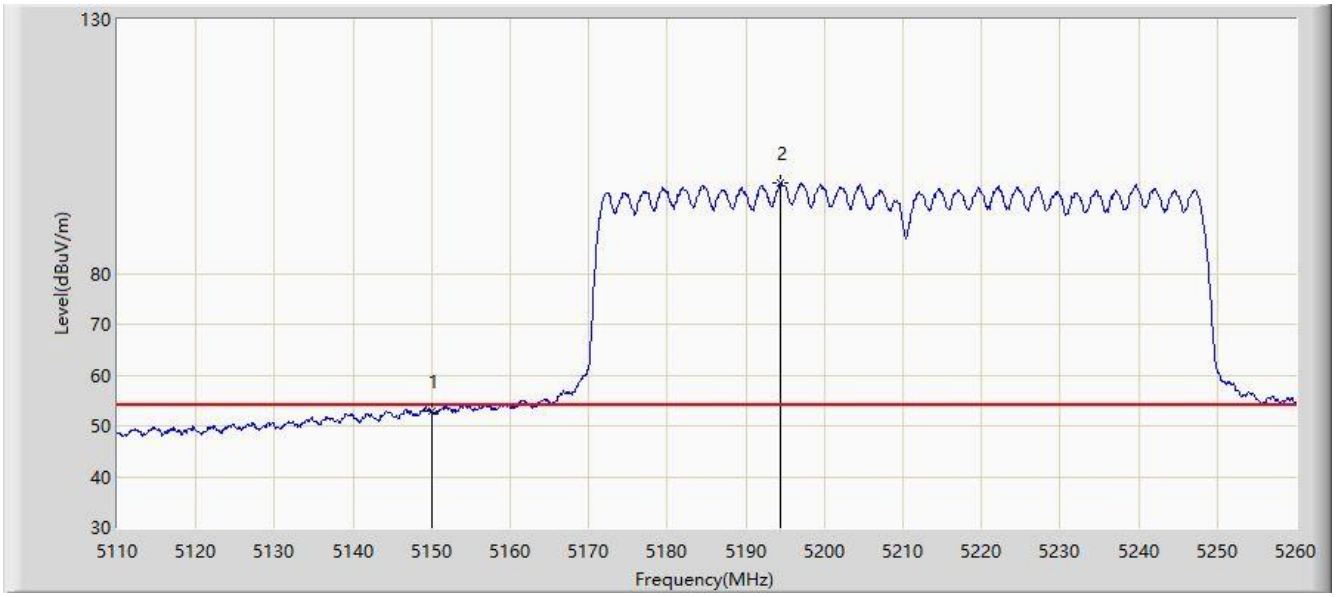


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.050	73.344	69.441	-0.656	74.000	3.902	PK
2			5150.000	72.185	68.279	-1.815	74.000	3.906	PK
3		*	5193.775	108.574	104.623	N/A	N/A	3.951	PK

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: 2020/07/24 - 00:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz	

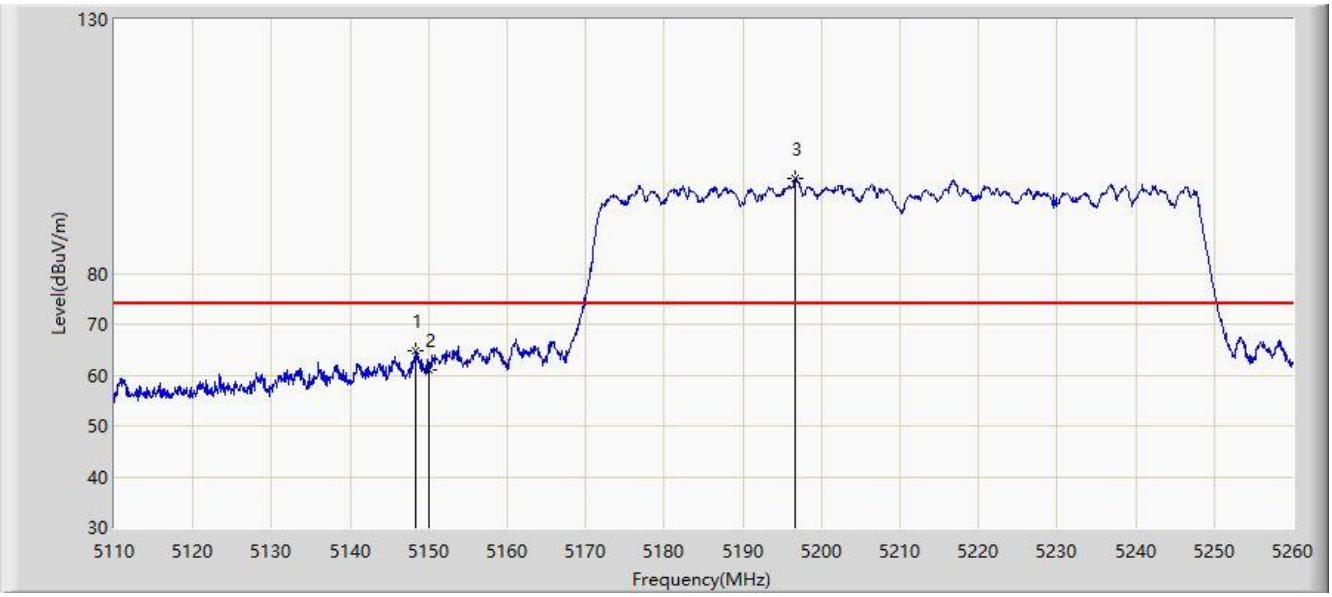


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.840	48.934	-1.160	54.000	3.906	AV
2		*	5194.450	97.806	93.854	N/A	N/A	3.952	AV

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: 2020/07/24 - 00:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz	

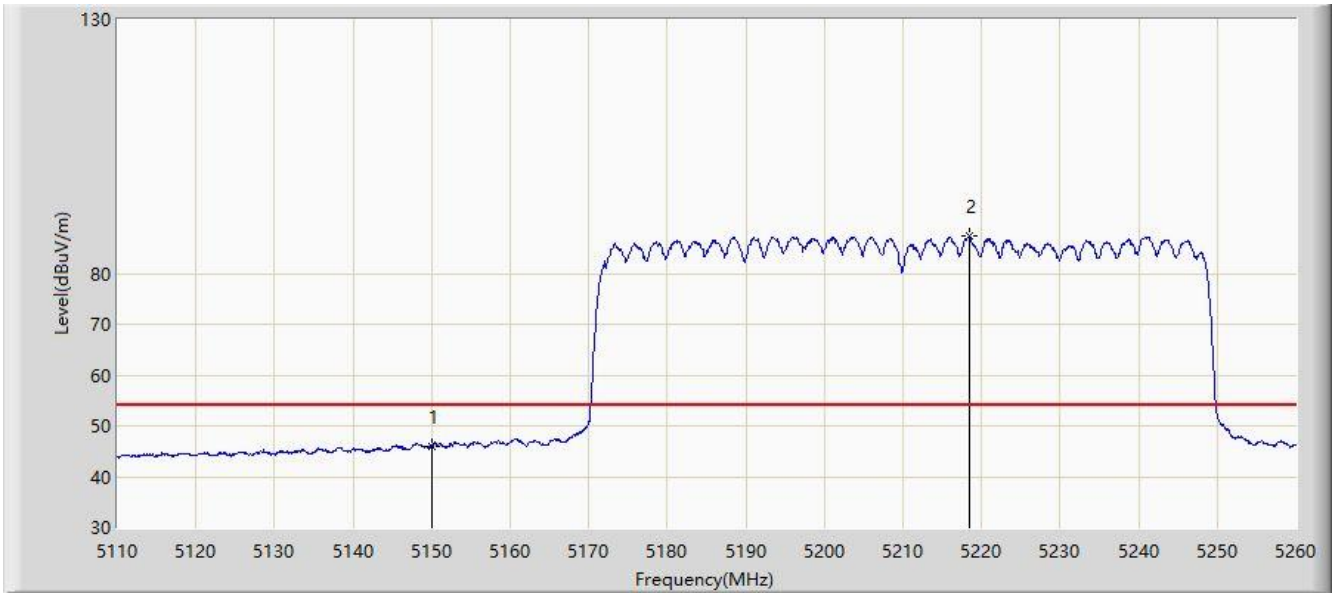


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.325	64.726	60.822	-9.274	74.000	3.904	PK
2			5150.000	61.057	57.151	-12.943	74.000	3.906	PK
3		*	5196.700	98.573	94.619	N/A	N/A	3.955	PK

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: 2020/07/24 - 00:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz	

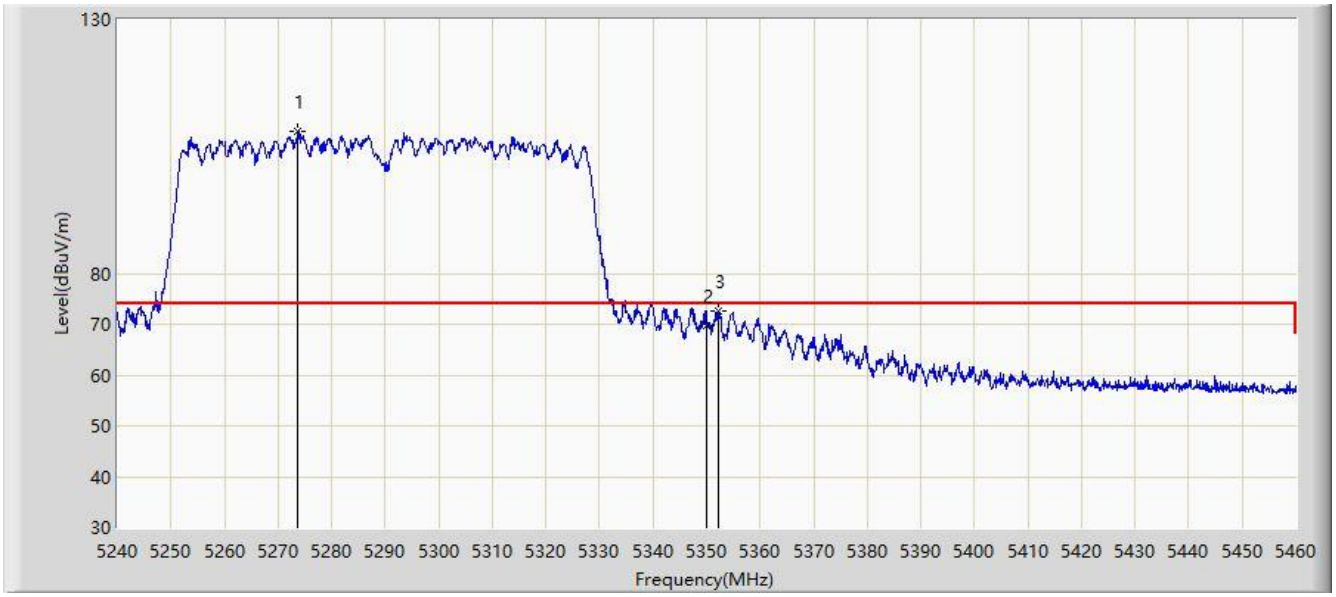


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.919	42.013	-8.081	54.000	3.906	AV
2		*	5218.450	87.445	83.467	N/A	N/A	3.978	AV

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: 2020/07/24 - 00:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz	

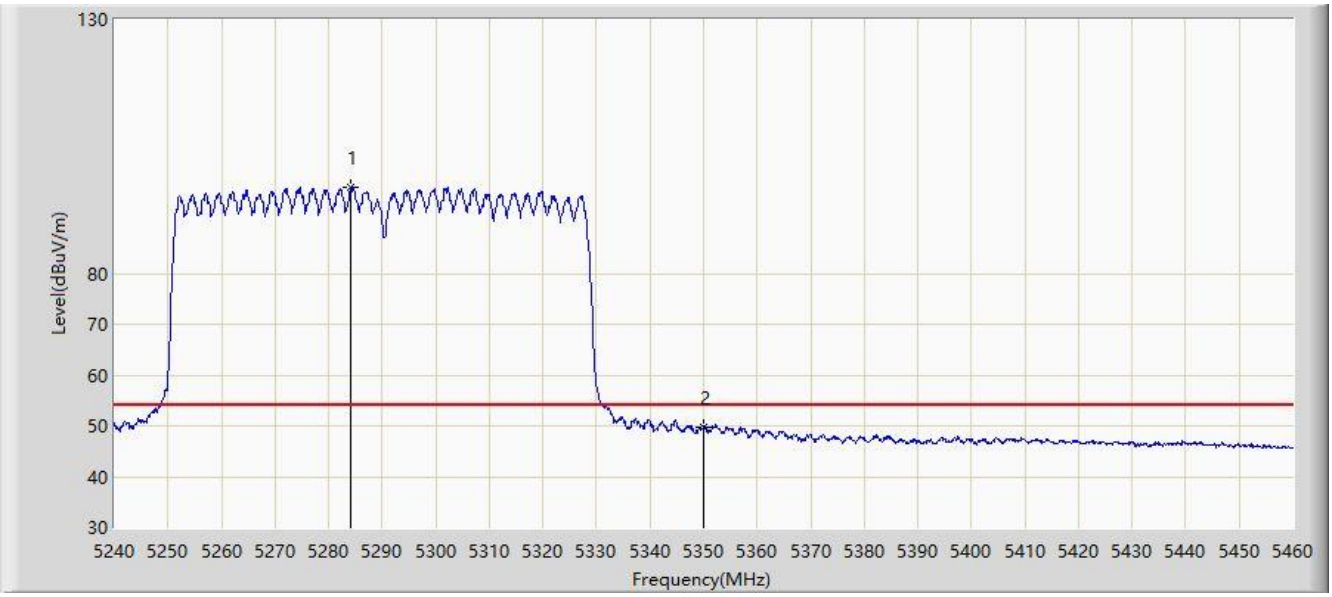


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5273.770	107.946	103.912	N/A	N/A	4.034	PK
2			5350.000	69.826	65.712	-4.174	74.000	4.114	PK
3			5352.090	72.554	68.438	-1.446	74.000	4.116	PK

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: 2020/07/24 - 00:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz	

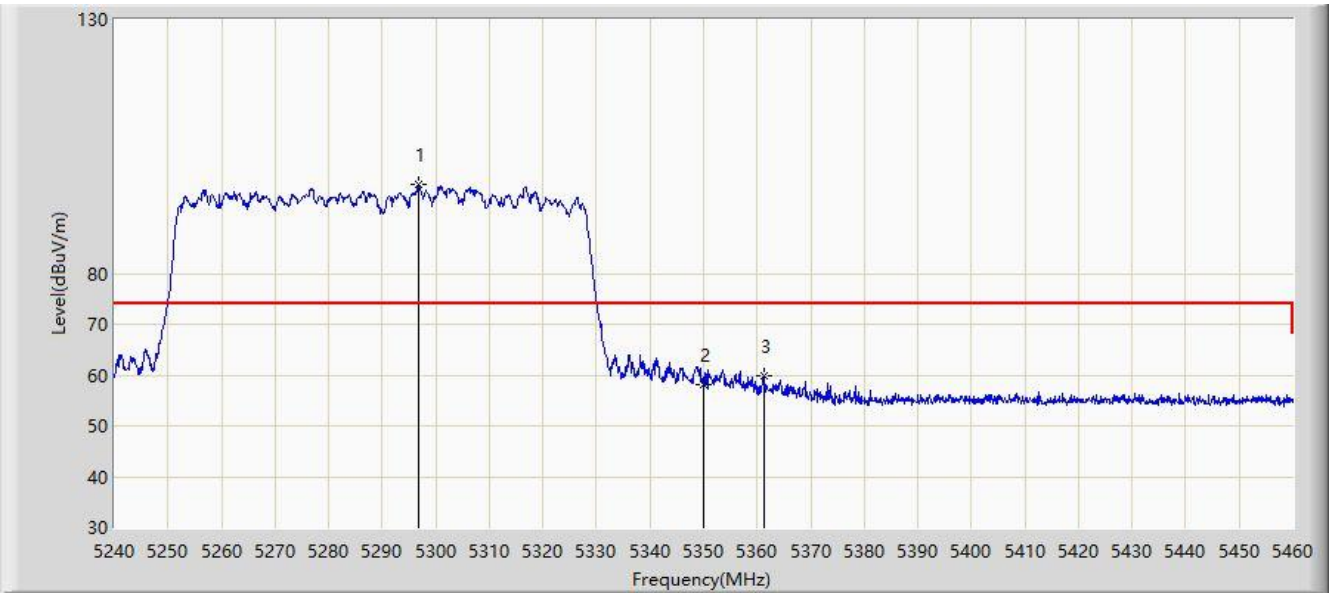


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5284.220	96.974	92.929	N/A	N/A	4.045	AV
2			5350.000	49.656	45.542	-4.344	54.000	4.114	AV

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: 2020/07/24 - 00:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz	

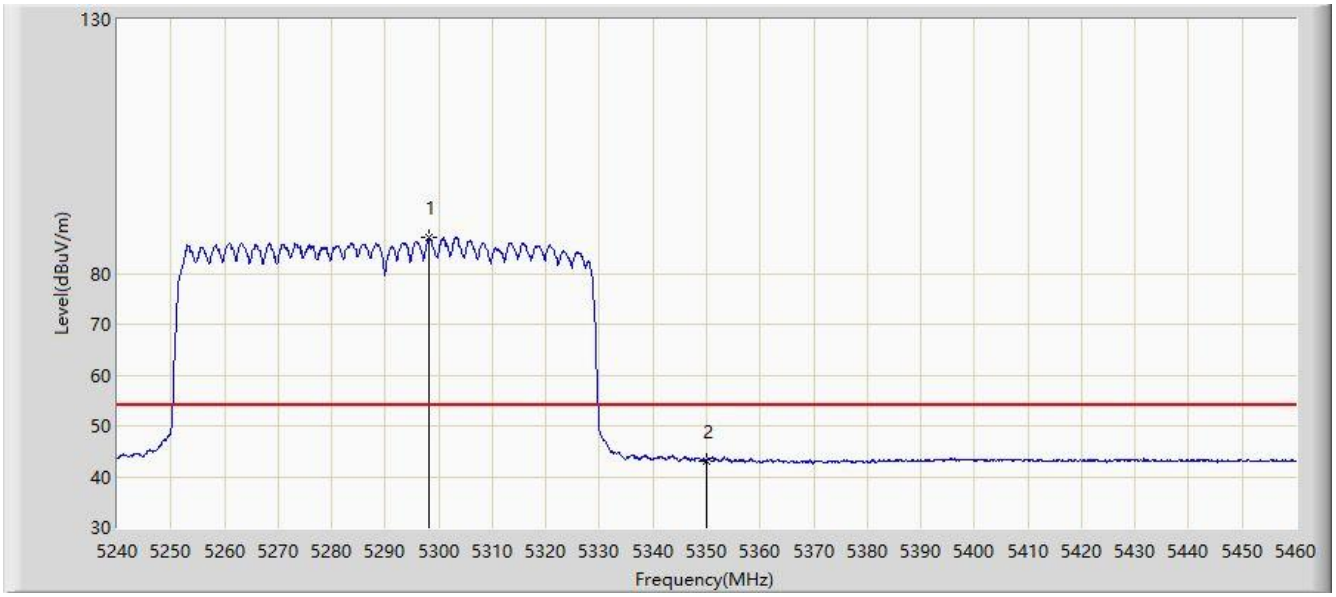


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5296.760	97.547	93.488	N/A	N/A	4.058	PK
2			5350.000	58.255	54.141	-15.745	74.000	4.114	PK
3			5361.220	59.977	55.852	-14.023	74.000	4.125	PK

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: 2020/07/24 - 00:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz	

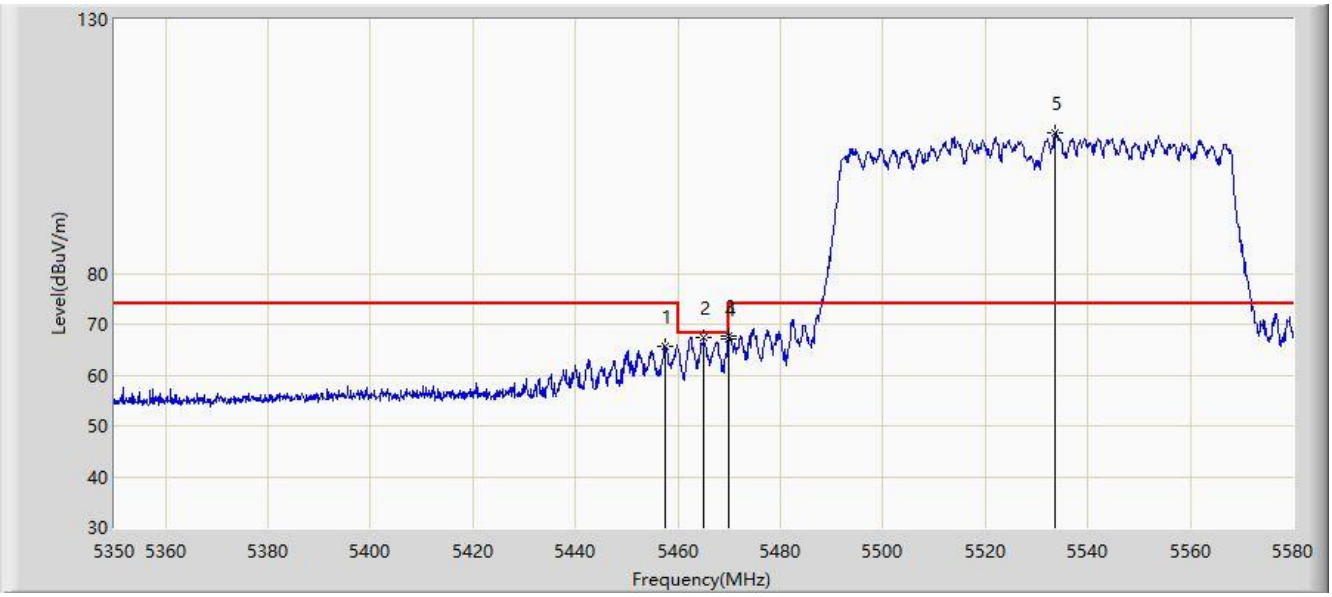


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5298.300	87.077	83.017	N/A	N/A	4.060	AV
2			5350.000	43.096	38.982	-10.904	54.000	4.114	AV

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: 2020/07/24 - 00:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz	

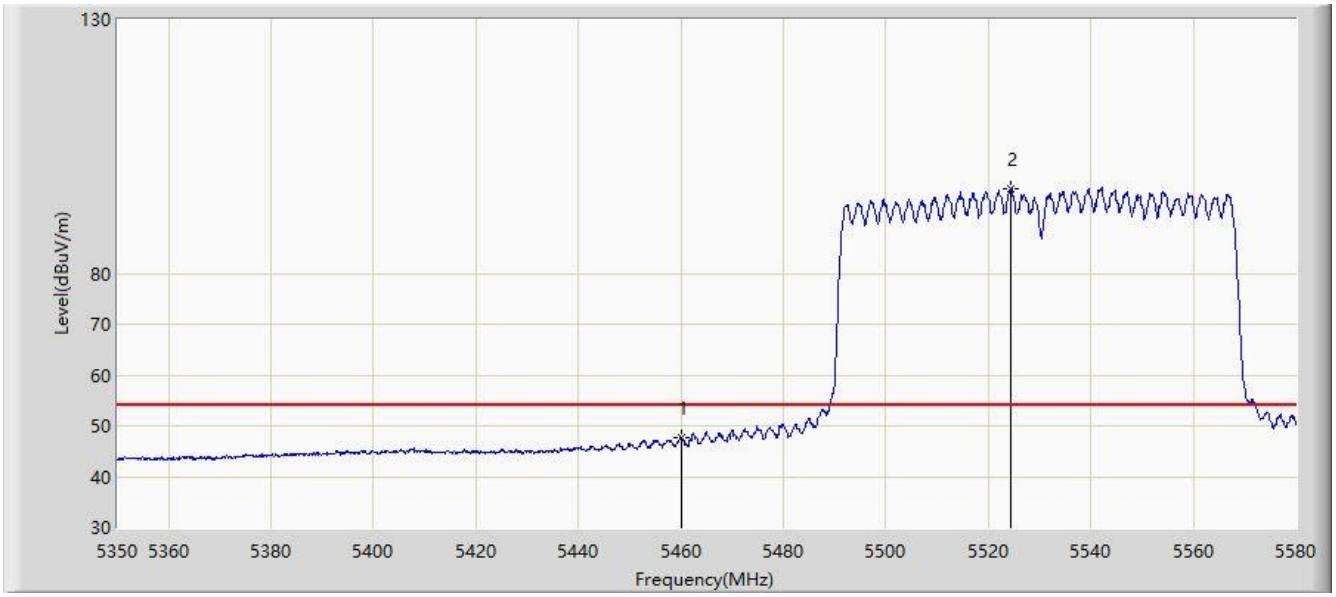


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.640	65.750	61.525	-8.250	74.000	4.225	PK
2			5465.000	67.443	63.210	-0.757	68.200	4.233	PK
3			5469.945	67.606	63.367	-0.594	68.200	4.238	PK
4			5470.000	67.202	62.963	-0.998	68.200	4.238	PK
5		*	5533.655	107.660	103.281	N/A	N/A	4.379	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: 2020/07/24 - 00:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz	

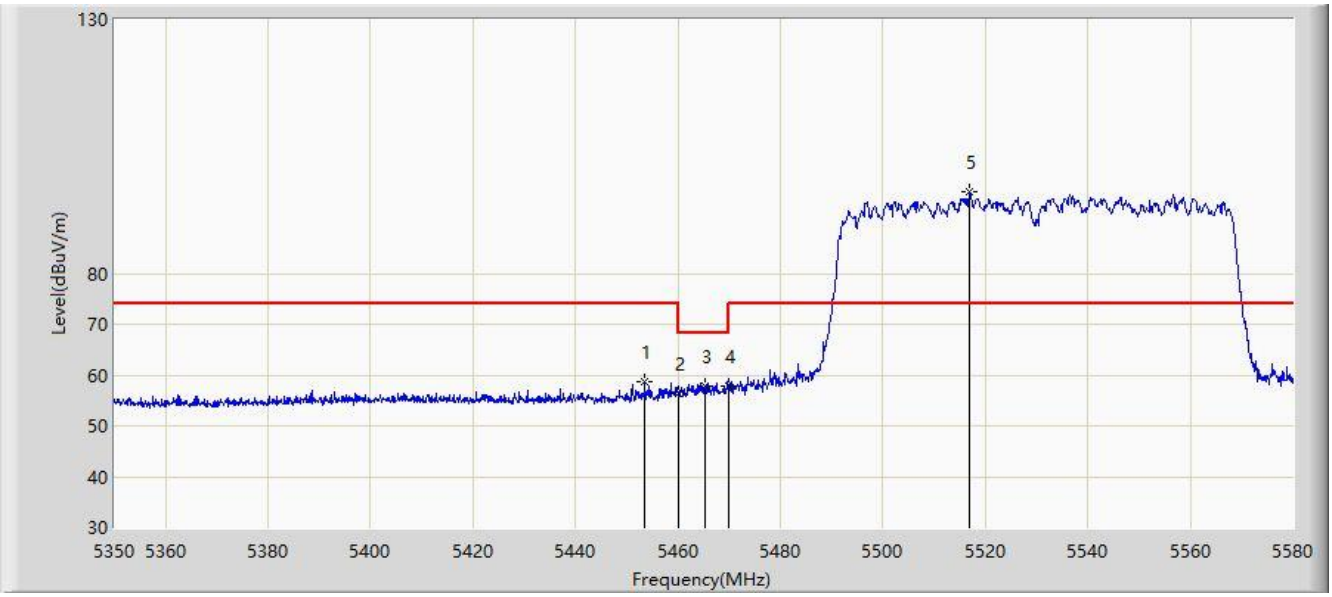


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	47.669	43.441	-6.331	54.000	4.228	AV
2		*	5524.455	96.698	92.349	N/A	N/A	4.350	AV

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: 2020/07/24 - 00:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Jay Chu
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5453.615	58.728	54.507	-15.272	74.000	4.221	PK
2			5460.000	56.441	52.213	-17.559	74.000	4.228	PK
3			5465.345	57.810	53.576	-10.390	68.200	4.233	PK
4			5470.000	57.728	53.489	-10.472	68.200	4.238	PK
5		*	5516.865	96.170	91.845	N/A	N/A	4.325	PK

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

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