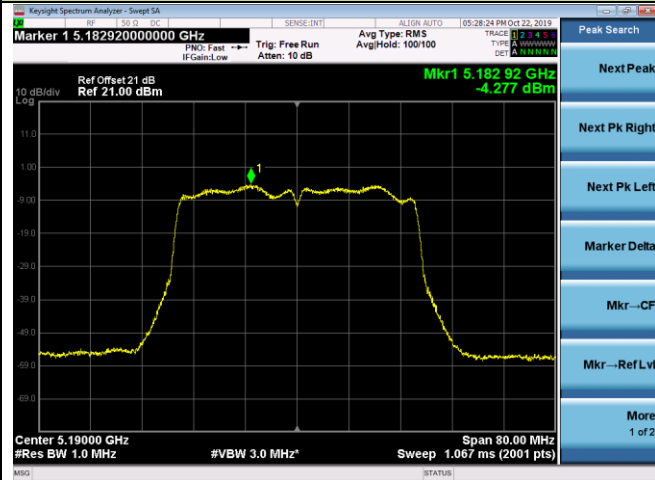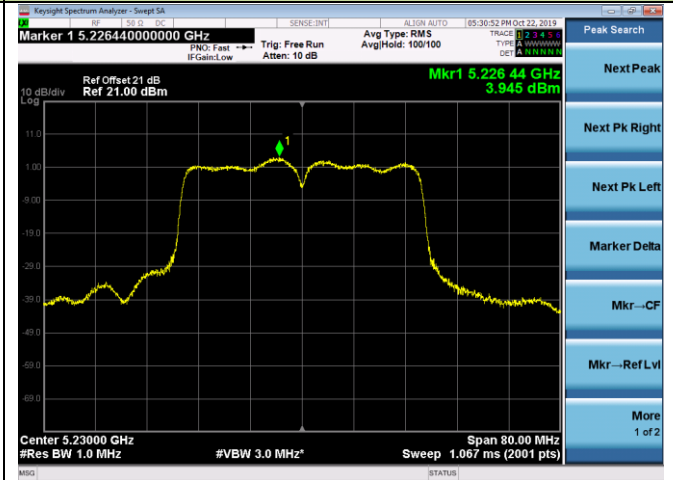## 802.11n-HT40 Power Spectral Density - Ant 4 / Ant 1 + 2 + 3 + 4

Channel 38 (5190MHz)

Channel 46 (5230MHz)

Channel 151 (5755MHz)

Channel 159 (5795MHz)

802.11ax-HE20 Power Spectral Density - Ant 4 / Ant 1 + 2 + 3 + 4

Channel 36 (5180MHz)

Channel 44 (5220MHz)

Channel 48 (5240MHz)
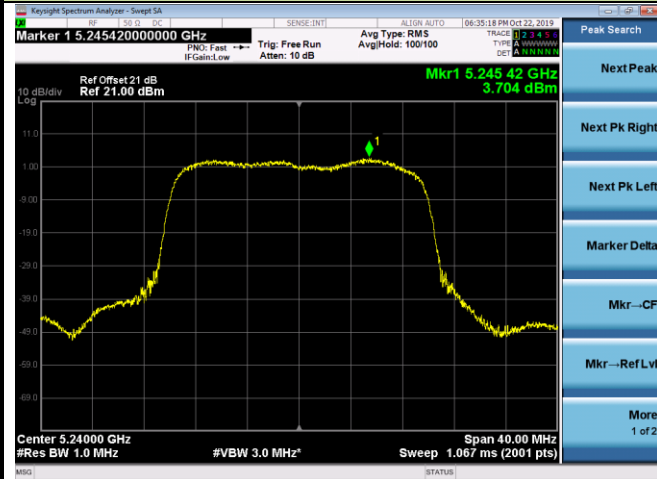
Channel 149 (5745MHz)
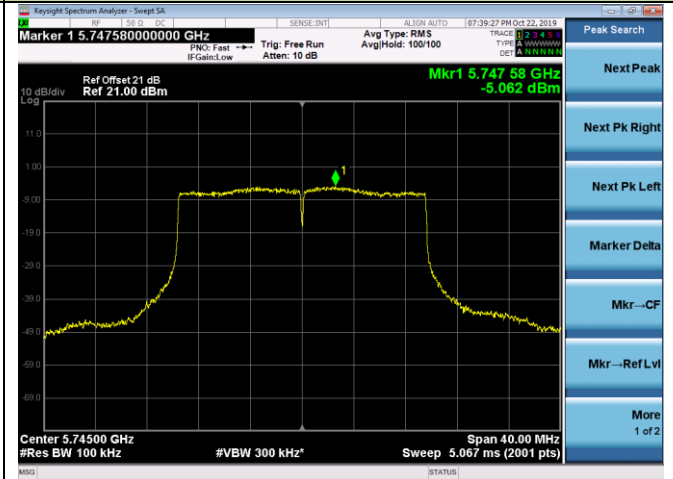
Channel 157 (5785MHz)
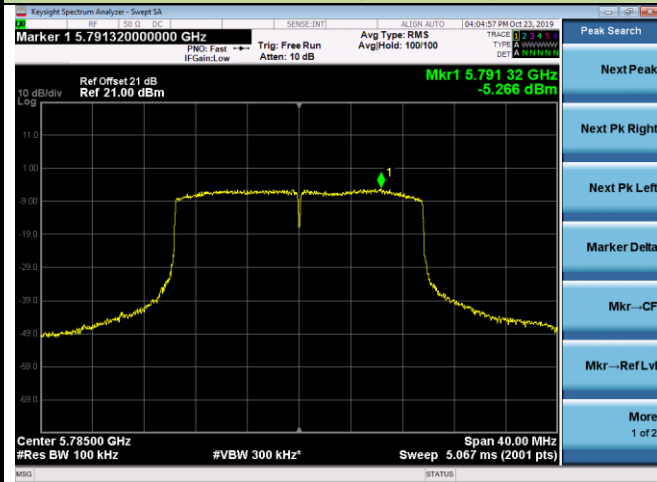
Channel 165 (5825MHz)

802.11ax-HE40 Power Spectral Density - Ant 4 / Ant 1 + 2 + 3 + 4
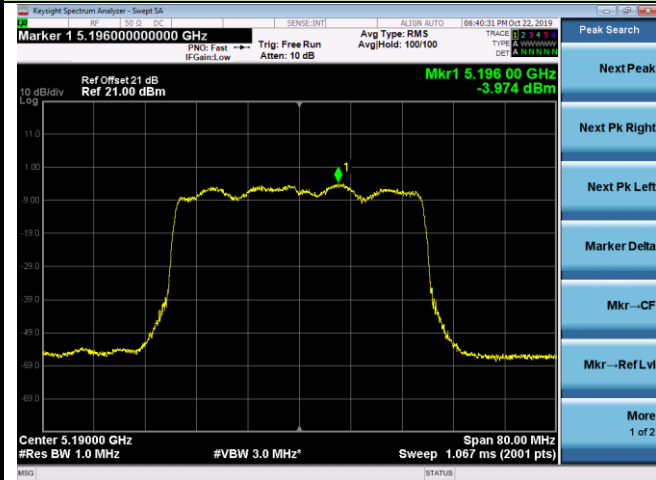
Channel 38 (5190MHz)	Channel 46 (5230MHz)
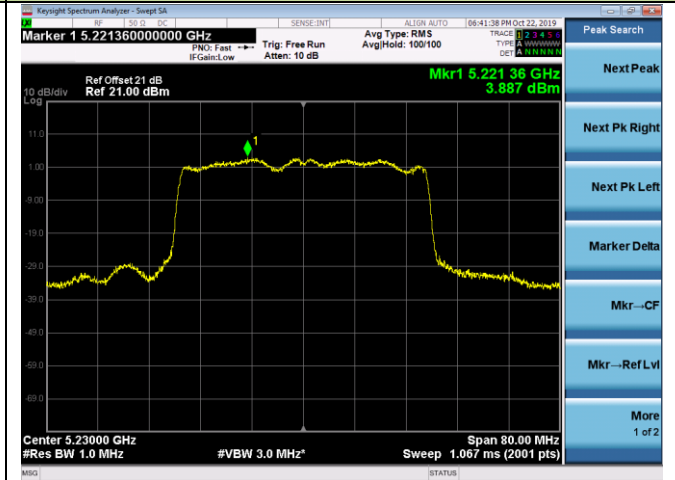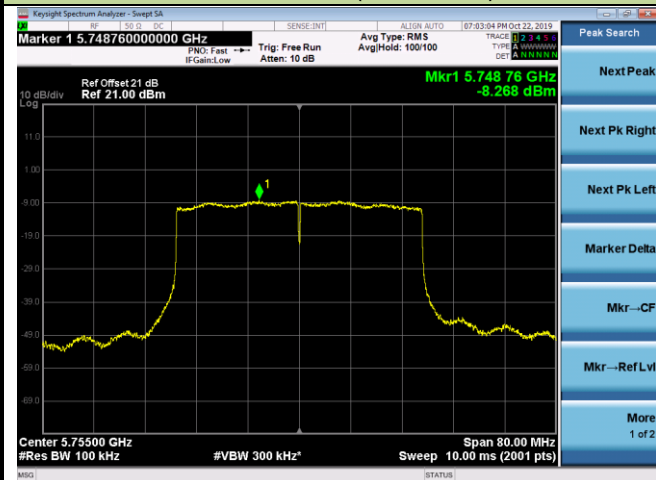
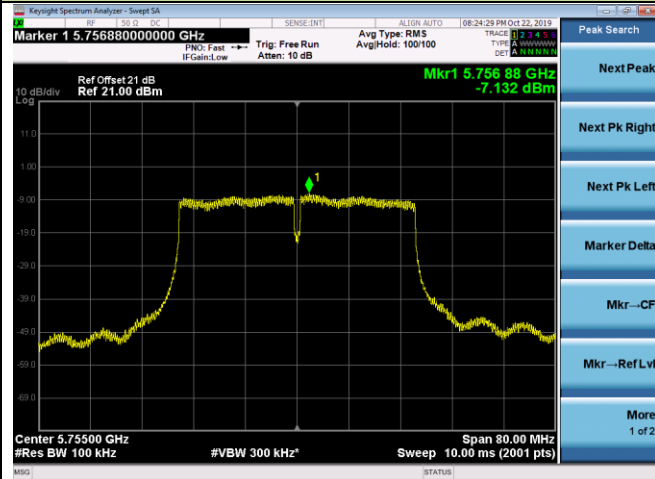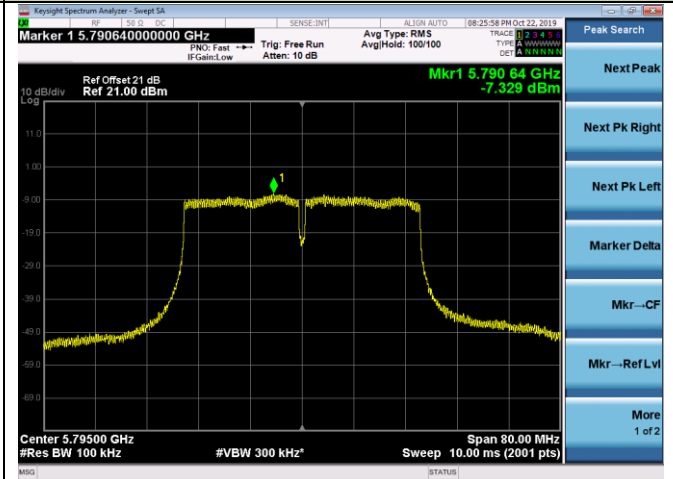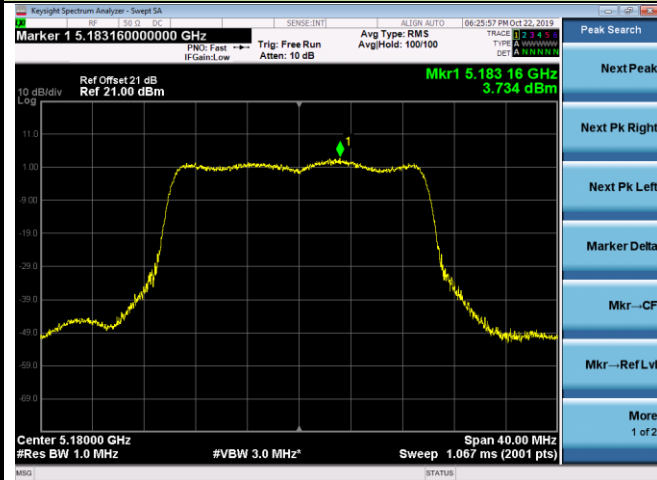| Channel 151 (5755MHz)	Channel 159 (5795MHz)

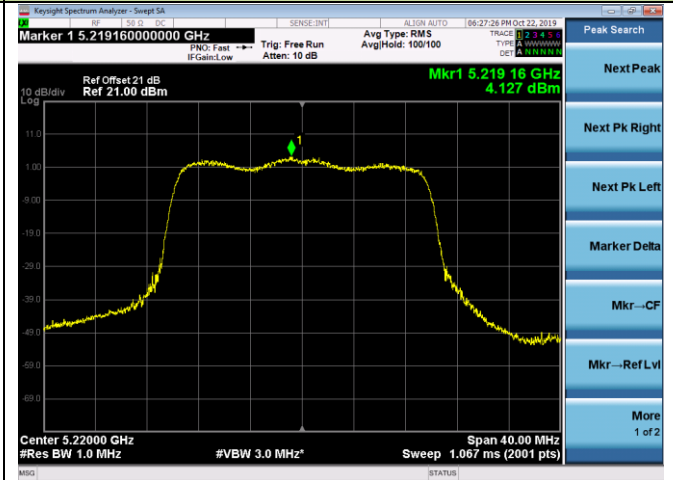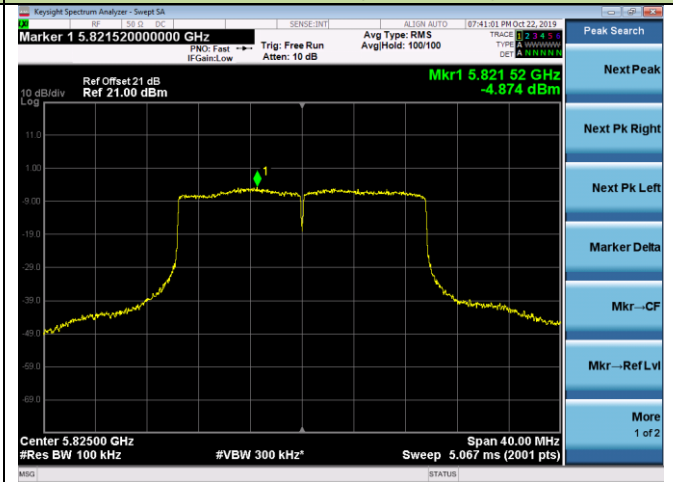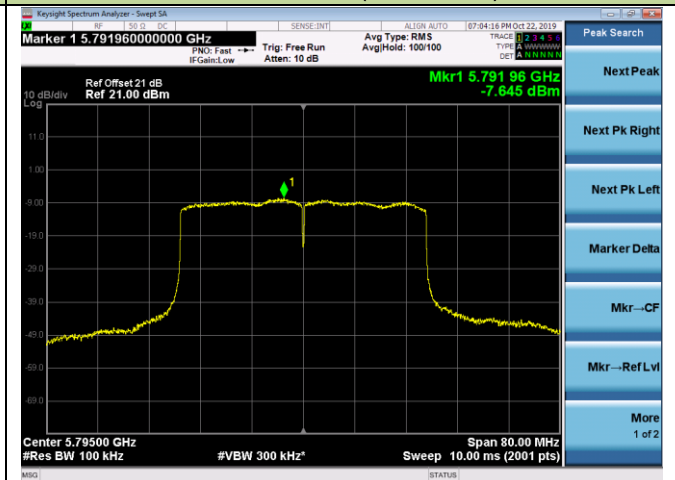## 802.11ax-HE80 Power Spectral Density - Ant 4 / Ant 1 + 2 + 3 + 4
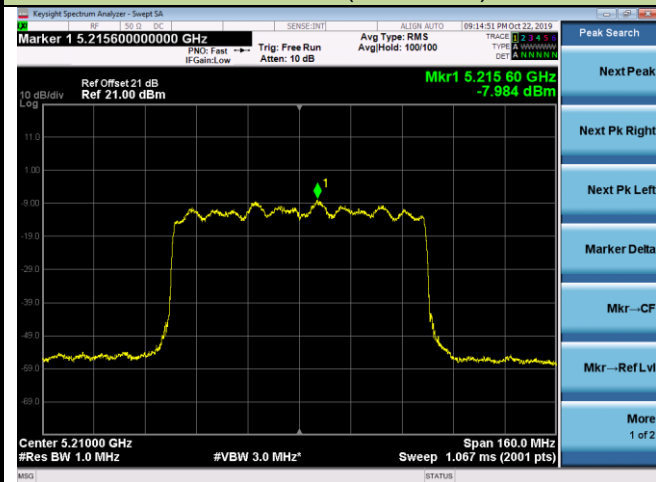
Channel 42 (5210MHz)	Channel 155 (5775MHz)
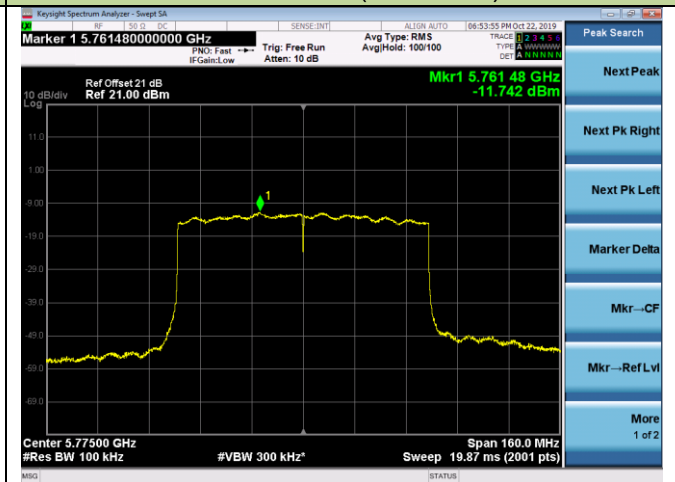
7.7. Frequency Stability Measurement

7.7.1.Test Limit

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

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

7.7.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

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

Frequency Stability Under Voltage Variations:

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

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

7.7.3.Test Setup
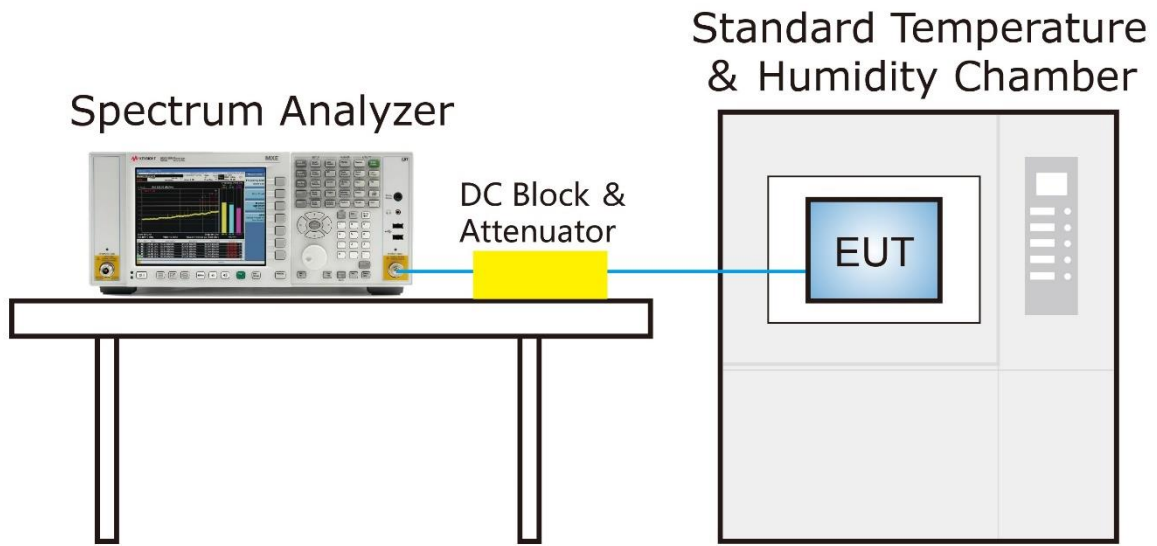
7.7.4.Test Result

Test Engineer	Messiah Li	Temperature	0 ~ 50°C
Test Time	2019/11/20	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	TR3
Configuration	AP 321	Test Item	Frequency Stability

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	0	1.97	1.93	1.93	1.95
		+ 10	1.96	1.93	1.93	1.95
		+ 20 (Ref)	1.96	1.97	1.99	1.93
		+ 30	1.96	1.97	1.91	1.93
		+ 40	1.95	1.97	1.91	2.05
		+ 50	1.95	1.92	1.91	2.07
115%	138	+ 20	1.94	1.92	1.86	1.92
85%	102	+ 20	1.94	1.95	1.82	1.92

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

7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength (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

Quasi-Peak & Average Measurements below30MHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = 200Hz for 9kHz to 150kHz frequency; RBW = 9kHz for 0.15MHz to 30MHz frequency

4. Detector = CISPR quasi-peak or power average (Average)

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. Span was set greater than 1MHz

3. RBW = 120 kHz

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

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 AD)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. Ifduty cycle ≥ 98%, VBW ≤ RBW/100 but not less than 10Hz; If duty cycle < 98%, set VBW≥1/T.

4. Detector = Peak

5. Sweep time = auto

6. Trace mode = max hold

7. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

7.8.4.Test Setup

Below 1GHz Test Setup:
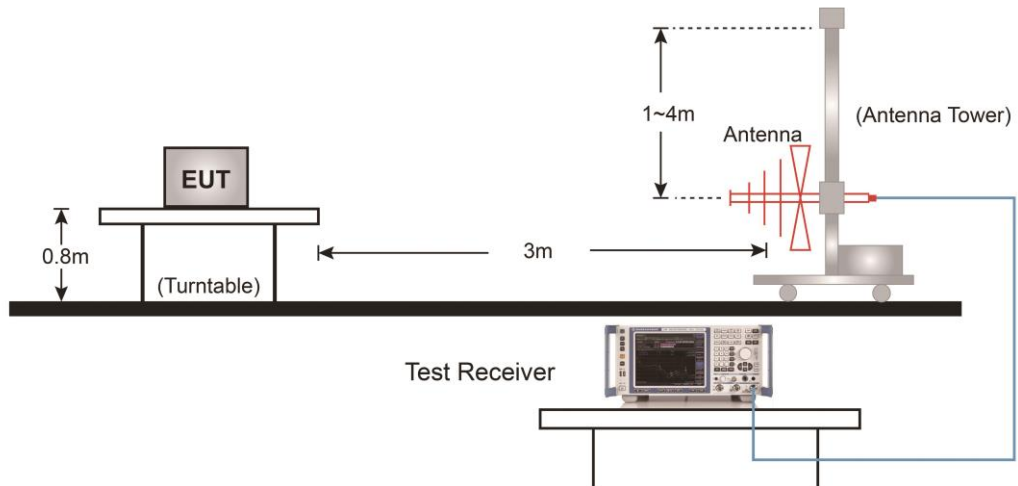
Above 1GHz Test Setup:
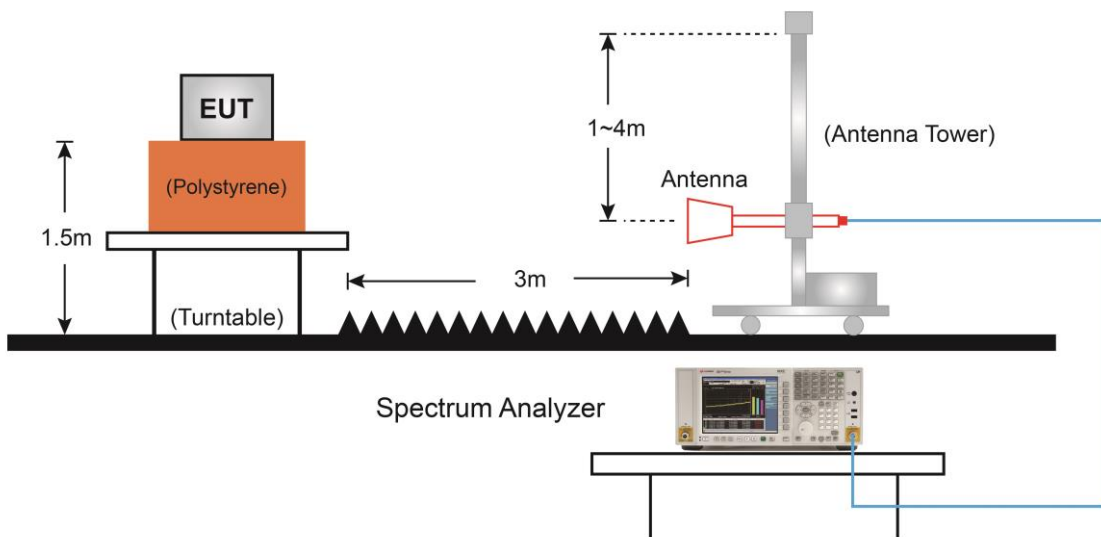
7.8.5.Test Result

For AP321

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4	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
*	9661.5	32.9	13.6	46.5	68.2	-21.7	Peak	Horizontal
*	10358.5	32.4	16.1	48.5	68.2	-19.7	Peak	Horizontal
	11548.5	30.3	19.8	50.1	74.0	-23.9	Peak	Horizontal
	12449.5	31.0	19.3	50.3	74.0	-23.7	Peak	Horizontal
*	9602.0	32.9	13.6	46.5	68.2	-21.7	Peak	Vertical
*	10129.0	32.8	15.3	48.1	68.2	-20.1	Peak	Vertical
	11098.0	30.9	18.6	49.5	74.0	-24.5	Peak	Vertical
	11761.0	30.9	19.5	50.4	74.0	-23.6	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/07	
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4	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
*	9670.0	32.8	13.6	46.4	68.2	-21.8	Peak	Horizontal
*	10214.0	32.3	15.0	47.3	68.2	-20.9	Peak	Horizontal
	10919.5	31.8	18.3	50.1	74.0	-23.9	Peak	Horizontal
	12075.5	30.8	19.7	50.5	74.0	-23.5	Peak	Horizontal
*	9721.0	31.2	13.7	44.9	68.2	-23.3	Peak	Vertical
*	10316.0	31.7	15.6	47.3	68.2	-20.9	Peak	Vertical
	10996.0	30.0	18.6	48.6	74.0	-25.4	Peak	Vertical
	11676.0	30.6	19.2	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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/07	
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4	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
*	9738.0	31.9	13.8	45.7	68.2	-22.5	Peak	Horizontal
*	10520.0	31.2	16.7	47.9	68.2	-20.3	Peak	Horizontal
	10902.5	31.6	18.3	49.9	74.0	-24.1	Peak	Horizontal
	12568.5	30.3	20.1	50.4	74.0	-23.6	Peak	Horizontal
*	9653.0	32.5	13.7	46.2	68.2	-22.0	Peak	Vertical
*	10129.0	31.9	15.3	47.2	68.2	-21.0	Peak	Vertical
	11540.0	30.6	19.9	50.5	74.0	-23.5	Peak	Vertical
	12194.5	29.7	20.0	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4	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
*	9576.5	31.9	13.5	45.4	68.2	-22.8	Peak	Horizontal
*	10299.0	31.8	15.7	47.5	68.2	-20.7	Peak	Horizontal
	11489.0	32.8	20.2	53.0	74.0	-21.0	Peak	Horizontal
	12500.5	30.0	19.4	49.4	74.0	-24.6	Peak	Horizontal
*	9712.5	32.9	13.7	46.6	68.2	-21.6	Peak	Vertical
*	10171.5	32.4	15.1	47.5	68.2	-20.7	Peak	Vertical
	10911.0	31.5	18.3	49.8	74.0	-24.2	Peak	Vertical
	12143.5	30.9	19.7	50.6	74.0	-23.4	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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/07	
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4	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
*	9848.5	32.3	14.1	46.4	68.2	-21.8	Peak	Horizontal
*	10494.5	32.5	16.5	49.0	68.2	-19.2	Peak	Horizontal
	11047.0	31.9	18.6	50.5	74.0	-23.5	Peak	Horizontal
	11565.5	32.2	19.5	51.7	74.0	-22.3	Peak	Horizontal
*	10120.5	32.4	15.0	47.4	68.2	-20.8	Peak	Vertical
*	10562.5	31.3	16.9	48.2	68.2	-20.0	Peak	Vertical
	10962.0	30.8	18.5	49.3	74.0	-24.7	Peak	Vertical
	12203.0	30.5	19.8	50.3	74.0	-23.7	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4	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
*	9933.5	32.5	14.0	46.5	68.2	-21.7	Peak	Horizontal
*	10214.0	32.4	15.0	47.4	68.2	-20.8	Peak	Horizontal
	10928.0	31.2	18.3	49.5	74.0	-24.5	Peak	Horizontal
	11650.5	32.2	19.7	51.9	74.0	-22.1	Peak	Horizontal
*	9772.0	32.5	14.0	46.5	68.2	-21.7	Peak	Vertical
*	10171.5	31.4	15.1	46.5	68.2	-21.7	Peak	Vertical
	11489.0	30.0	20.2	50.2	74.0	-23.8	Peak	Vertical
	11999.0	31.0	19.5	50.5	74.0	-23.5	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4	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
*	9763.5	32.3	14.0	46.3	68.2	-21.9	Peak	Horizontal
*	10137.5	31.7	15.1	46.8	68.2	-21.4	Peak	Horizontal
	10936.5	31.6	18.3	49.9	74.0	-24.1	Peak	Horizontal
	12126.5	30.2	19.8	50.0	74.0	-24.0	Peak	Horizontal
*	9823.0	32.5	14.1	46.6	68.2	-21.6	Peak	Vertical
*	10503.0	31.2	16.7	47.9	68.2	-20.3	Peak	Vertical
	11659.0	31.2	20.0	51.2	74.0	-22.8	Peak	Vertical
	12628.0	31.3	20.3	51.6	74.0	-22.4	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4	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
*	9882.5	32.4	14.1	46.5	68.2	-21.7	Peak	Horizontal
*	10418.0	31.5	16.1	47.6	68.2	-20.6	Peak	Horizontal
	11497.5	29.8	19.9	49.7	74.0	-24.3	Peak	Horizontal
	12041.5	31.1	19.4	50.5	74.0	-23.5	Peak	Horizontal
*	10129.0	31.3	15.3	46.6	68.2	-21.6	Peak	Vertical
*	10460.5	31.6	16.4	48.0	68.2	-20.2	Peak	Vertical
	11225.5	31.0	18.7	49.7	74.0	-24.3	Peak	Vertical
	12135.0	30.2	19.9	50.1	74.0	-23.9	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/18	
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4	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
*	9610.5	32.8	13.5	46.3	68.2	-21.9	Peak	Horizontal
*	10146.0	33.2	14.9	48.1	68.2	-20.1	Peak	Horizontal
	10741.0	32.1	17.2	49.3	74.0	-24.7	Peak	Horizontal
	11591.0	31.7	19.8	51.5	74.0	-22.5	Peak	Horizontal
*	9627.5	33.0	13.6	46.6	68.2	-21.6	Peak	Vertical
*	10027.0	32.9	14.5	47.4	68.2	-20.8	Peak	Vertical
	10962.0	31.1	18.5	49.6	74.0	-24.4	Peak	Vertical
	11506.0	30.9	19.5	50.4	74.0	-23.6	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/18	
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4	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
*	9763.5	32.6	14.0	46.6	68.2	-21.6	Peak	Horizontal
*	10579.5	31.8	16.8	48.6	68.2	-19.6	Peak	Horizontal
	11489.0	32.2	20.2	52.4	74.0	-21.6	Peak	Horizontal
	12305.0	29.8	20.0	49.8	74.0	-24.2	Peak	Horizontal
*	9619.0	33.5	13.5	47.0	68.2	-21.2	Peak	Vertical
*	10078.0	31.9	14.8	46.7	68.2	-21.5	Peak	Vertical
	10698.5	32.2	17.2	49.4	74.0	-24.6	Peak	Vertical
	12084.0	29.4	19.9	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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/18	
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4	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
*	9678.5	31.9	13.6	45.5	68.2	-22.7	Peak	Horizontal
*	10571.0	32.0	16.9	48.9	68.2	-19.3	Peak	Horizontal
	11565.5	31.4	19.5	50.9	74.0	-23.1	Peak	Horizontal
	12186.0	29.7	20.2	49.9	74.0	-24.1	Peak	Horizontal
*	9619.0	32.9	13.5	46.4	68.2	-21.8	Peak	Vertical
*	10494.5	31.6	16.5	48.1	68.2	-20.1	Peak	Vertical
	11217.0	30.4	19.1	49.5	74.0	-24.5	Peak	Vertical
	12143.5	31.2	19.7	50.9	74.0	-23.1	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/18	
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4	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
*	9687.0	33.4	13.6	47.0	68.2	-21.2	Peak	Horizontal
*	10452.0	32.6	16.4	49.0	68.2	-19.2	Peak	Horizontal
	11650.0	30.5	19.7	50.2	54.0	-3.8	Average	Horizontal
	12118.0	30.8	19.6	50.4	74.0	-23.6	Peak	Vertical
*	9721.0	32.5	13.7	46.2	68.2	-22.0	Peak	Vertical
*	10129.0	32.4	15.3	47.7	68.2	-20.5	Peak	Vertical
	11225.5	30.9	18.7	49.6	74.0	-24.4	Peak	Vertical
	12135.0	29.6	19.9	49.5	74.0	-24.5	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/18	
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4	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
*	9763.5	33.6	14.0	47.6	68.2	-20.6	Peak	Horizontal
*	10384.0	33.8	16.3	50.1	68.2	-18.1	Peak	Horizontal
	11514.5	31.9	19.5	51.4	74.0	-22.6	Peak	Horizontal
	12109.5	31.5	19.6	51.1	74.0	-22.9	Peak	Horizontal
*	10137.5	34.2	15.1	49.3	68.2	-18.9	Peak	Vertical
*	10384.0	34.4	16.3	50.7	68.2	-17.5	Peak	Vertical
	11455.0	32.4	19.2	51.6	74.0	-22.4	Peak	Vertical
	12305.0	31.1	20.0	51.1	74.0	-22.9	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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/18	
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4	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
*	9823.0	34.6	14.1	48.7	68.2	-19.5	Peak	Horizontal
*	10511.5	32.9	16.7	49.6	68.2	-18.6	Peak	Horizontal
	11523.0	32.0	19.5	51.5	74.0	-22.5	Peak	Horizontal
	12067.0	32.0	19.5	51.5	74.0	-22.5	Peak	Horizontal
*	9593.5	34.0	13.6	47.6	68.2	-20.6	Peak	Vertical
*	10460.5	33.8	16.4	50.2	68.2	-18.0	Peak	Vertical
	11591.0	31.3	19.8	51.1	74.0	-22.9	Peak	Vertical
	12237.0	31.9	19.8	51.7	74.0	-22.3	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4	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
*	9763.5	34.0	14.0	48.0	68.2	-20.2	Peak	Horizontal
*	10120.5	34.2	15.0	49.2	68.2	-19.0	Peak	Horizontal
	11038.5	32.6	18.5	51.1	74.0	-22.9	Peak	Horizontal
	11506.0	32.7	19.5	52.2	74.0	-21.8	Peak	Horizontal
*	9619.0	34.2	13.5	47.7	68.2	-20.5	Peak	Vertical
*	10129.0	34.5	15.3	49.8	68.2	-18.4	Peak	Vertical
	10894.0	32.9	18.3	51.2	74.0	-22.8	Peak	Vertical
	11514.5	32.5	19.5	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4	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
*	9602.0	34.6	13.6	48.2	68.2	-20.0	Peak	Horizontal
*	10180.0	34.8	15.2	50.0	68.2	-18.2	Peak	Horizontal
	10860.0	33.2	17.9	51.1	74.0	-22.9	Peak	Horizontal
	11769.5	32.4	19.5	51.9	74.0	-22.1	Peak	Horizontal
*	9780.5	33.9	14.0	47.9	68.2	-20.3	Peak	Vertical
*	10163.0	34.3	15.0	49.3	68.2	-18.9	Peak	Vertical
	10936.5	33.0	18.3	51.3	74.0	-22.7	Peak	Vertical
	11591.0	32.8	19.8	52.6	74.0	-21.4	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4	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
	8148.5	35.1	11.5	46.6	74.0	-27.4	Peak	Horizontal
*	8650.0	33.4	12.3	45.7	68.2	-22.5	Peak	Horizontal
*	10171.5	33.6	15.1	48.7	68.2	-19.5	Peak	Horizontal
	10851.5	33.4	17.9	51.3	74.0	-22.7	Peak	Horizontal
	8165.5	34.3	11.5	45.8	74.0	-28.2	Peak	Vertical
*	9627.5	33.7	13.6	47.3	68.2	-20.9	Peak	Vertical
*	10358.5	34.4	16.1	50.5	68.2	-17.7	Peak	Vertical
	10979.0	33.1	18.4	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4	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
*	8004.0	34.2	11.7	45.9	68.2	-22.3	Peak	Horizontal
*	8939.0	33.5	12.5	46.0	68.2	-22.2	Peak	Horizontal
	10622.0	32.9	17.1	50.0	74.0	-24.0	Peak	Horizontal
	11208.5	30.9	19.0	49.9	74.0	-24.1	Peak	Horizontal
*	7086.0	33.6	11.1	44.7	68.2	-23.5	Peak	Vertical
*	8004.0	34.2	11.7	45.9	68.2	-22.3	Peak	Vertical
	8208.0	33.6	11.3	44.9	74.0	-29.1	Peak	Vertical
	10792.0	31.7	17.2	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4	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
	8233.5	34.1	11.4	45.5	74.0	-28.5	Peak	Horizontal
*	8735.0	31.8	12.8	44.6	68.2	-23.6	Peak	Horizontal
	9177.0	33.3	13.7	47.0	74.0	-27.0	Peak	Horizontal
*	10129.0	33.3	15.3	48.6	68.2	-19.6	Peak	Horizontal
	7536.5	34.5	11.7	46.2	74.0	-27.8	Peak	Vertical
	8233.5	34.1	11.4	45.5	74.0	-28.5	Peak	Vertical
*	8735.0	31.8	12.8	44.6	68.2	-23.6	Peak	Vertical
*	9661.5	35.6	13.6	49.2	68.2	-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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4	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
	7426.0	34.2	11.9	46.1	74.0	-27.9	Peak	Horizontal
	8225.0	35.2	11.4	46.6	74.0	-27.4	Peak	Horizontal
*	9653.0	34.5	13.7	48.2	68.2	-20.0	Peak	Horizontal
*	10528.5	33.5	16.6	50.1	68.2	-18.1	Peak	Horizontal
	7519.5	34.1	11.6	45.7	74.0	-28.3	Peak	Vertical
*	8667.0	33.9	12.3	46.2	68.2	-22.0	Peak	Vertical
*	9755.0	34.6	14.0	48.6	68.2	-19.6	Peak	Vertical
	10885.5	33.2	18.3	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4	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
*	8582.0	34.6	12.0	46.6	68.2	-21.6	Peak	Horizontal
	9423.5	30.9	13.3	44.2	74.0	-29.8	Peak	Horizontal
*	10350.0	33.2	16.1	49.3	68.2	-18.9	Peak	Horizontal
	11463.5	32.2	19.2	51.4	74.0	-22.6	Peak	Horizontal
*	7222.0	35.3	11.5	46.8	68.2	-21.4	Peak	Vertical
*	7936.0	33.6	11.6	45.2	68.2	-23.0	Peak	Vertical
	9168.5	33.6	13.8	47.4	74.0	-26.6	Peak	Vertical
	10885.5	33.0	18.3	51.3	74.0	-22.7	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4	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
*	8641.5	34.3	12.2	46.5	68.2	-21.7	Peak	Horizontal
	9177.0	33.4	13.7	47.1	74.0	-26.9	Peak	Horizontal
*	10120.5	33.7	15.0	48.7	68.2	-19.5	Peak	Horizontal
	10834.5	33.5	17.7	51.2	74.0	-22.8	Peak	Horizontal
	7647.0	34.5	11.3	45.8	74.0	-28.2	Peak	Vertical
*	8650.0	34.8	12.3	47.1	68.2	-21.1	Peak	Vertical
	9168.5	33.6	13.8	47.4	74.0	-26.6	Peak	Vertical
*	10129.0	34.6	15.3	49.9	68.2	-18.3	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4	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
	7460.0	33.6	11.6	45.2	74.0	-28.8	Peak	Horizontal
*	7944.5	34.2	11.6	45.8	68.2	-22.4	Peak	Horizontal
	8242.0	33.8	11.4	45.2	74.0	-28.8	Peak	Horizontal
*	8667.0	34.0	12.3	46.3	68.2	-21.9	Peak	Horizontal
*	7077.5	35.0	10.9	45.9	68.2	-22.3	Peak	Vertical
*	8004.0	34.4	11.7	46.1	68.2	-22.1	Peak	Vertical
	9168.5	33.4	13.8	47.2	74.0	-26.8	Peak	Vertical
	10860.0	32.6	17.9	50.5	74.0	-23.5	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4	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
	8165.5	33.6	11.5	45.1	74.0	-28.9	Peak	Horizontal
	9151.5	33.9	13.8	47.7	74.0	-26.3	Peak	Horizontal
*	9976.0	32.3	14.5	46.8	68.2	-21.4	Peak	Horizontal
*	10588.0	31.5	16.7	48.2	68.2	-20.0	Peak	Horizontal
*	7868.0	34.9	11.6	46.5	68.2	-21.7	Peak	Vertical
	9151.5	33.9	13.8	47.7	74.0	-26.3	Peak	Vertical
*	10571.0	33.7	16.9	50.6	68.2	-17.6	Peak	Vertical
	11540.0	32.2	19.9	52.1	74.0	-21.9	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4	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
	7434.5	32.1	11.8	43.9	74.0	-30.1	Peak	Horizontal
*	8599.0	34.0	12.1	46.1	68.2	-22.1	Peak	Horizontal
*	10112.0	34.6	14.7	49.3	68.2	-18.9	Peak	Horizontal
	11480.5	31.7	19.7	51.4	74.0	-22.6	Peak	Horizontal
*	7094.5	33.5	11.1	44.6	68.2	-23.6	Peak	Vertical
	8140.0	34.1	11.6	45.7	74.0	-28.3	Peak	Vertical
*	8930.5	33.1	12.5	45.6	68.2	-22.6	Peak	Vertical
	11072.5	32.1	18.4	50.5	74.0	-23.5	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4	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
	8259.0	34.4	11.2	45.6	74.0	-28.4	Peak	Horizontal
	9075.0	32.2	12.9	45.1	74.0	-28.9	Peak	Horizontal
*	9763.5	33.8	14.0	47.8	68.2	-20.4	Peak	Horizontal
*	10273.5	34.3	15.5	49.8	68.2	-18.4	Peak	Horizontal
*	7944.5	33.7	11.6	45.3	68.2	-22.9	Peak	Vertical
	8199.5	32.8	11.5	44.3	74.0	-29.7	Peak	Vertical
	9151.5	32.3	13.8	46.1	74.0	-27.9	Peak	Vertical
*	10146.0	34.3	14.9	49.2	68.2	-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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE80 - Ant 1 + 2 + 3 + 4	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
*	7970.0	34.4	11.6	46.0	68.2	-22.2	Peak	Horizontal
*	8616.0	34.7	12.1	46.8	68.2	-21.4	Peak	Horizontal
	9177.0	32.3	13.7	46.0	74.0	-28.0	Peak	Horizontal
	10783.5	31.4	17.3	48.7	74.0	-25.3	Peak	Horizontal
*	7205.0	35.1	11.7	46.8	68.2	-21.4	Peak	Vertical
*	7927.5	34.2	11.5	45.7	68.2	-22.5	Peak	Vertical
	9160.0	33.1	13.9	47.0	74.0	-27.0	Peak	Vertical
	10885.5	32.2	18.3	50.5	74.0	-23.5	Peak	Vertical

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

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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE80 - Ant 1 + 2 + 3 + 4	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
	7502.5	34.4	11.8	46.2	74.0	-27.8	Peak	Horizontal
	8208.0	34.3	11.3	45.6	74.0	-28.4	Peak	Horizontal
*	8658.5	34.0	12.3	46.3	68.2	-21.9	Peak	Horizontal
*	9763.5	34.4	14.0	48.4	68.2	-19.8	Peak	Horizontal
	8165.5	32.8	11.5	44.3	74.0	-29.7	Peak	Vertical
*	8650.0	33.9	12.3	46.2	68.2	-22.0	Peak	Vertical
	9168.5	33.5	13.8	47.3	74.0	-26.7	Peak	Vertical
*	10392.5	34.1	16.3	50.4	68.2	-17.8	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)

For AP321-Scan Antenna

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a	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
	7681.0	36.3	11.8	48.1	74.0	-25.9	Peak	Horizontal
	8267.5	36.0	12.1	48.1	74.0	-25.9	Peak	Horizontal
*	8718.0	35.3	13.2	48.5	68.2	-19.7	Peak	Horizontal
*	9840.0	34.6	16.1	50.7	68.2	-17.5	Peak	Horizontal
	7443.0	35.7	11.9	47.6	74.0	-26.4	Peak	Vertical
	8242.0	34.0	12.3	46.3	74.0	-27.7	Peak	Vertical
*	8692.5	35.3	13.2	48.5	68.2	-19.7	Peak	Vertical
*	9738.0	34.1	15.7	49.8	68.2	-18.4	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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/07	
Test Mode:	802.11a	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
	7366.5	34.7	11.7	46.4	74.0	-27.6	Peak	Horizontal
	8250.5	34.8	12.3	47.1	74.0	-26.9	Peak	Horizontal
*	8692.5	35.3	13.2	48.5	68.2	-19.7	Peak	Horizontal
*	9636.0	34.4	15.6	50.0	68.2	-18.2	Peak	Horizontal
	7723.5	36.3	11.8	48.1	74.0	-25.9	Peak	Vertical
	8429.0	34.8	12.4	47.2	74.0	-26.8	Peak	Vertical
*	8675.5	34.7	13.1	47.8	68.2	-20.4	Peak	Vertical
*	9653.0	33.0	15.3	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/07	
Test Mode:	802.11a	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
	7740.5	36.2	11.8	48.0	74.0	-26.0	Peak	Horizontal
	8488.5	35.5	12.5	48.0	74.0	-26.0	Peak	Horizontal
*	8777.5	34.2	13.3	47.5	68.2	-20.7	Peak	Horizontal
*	9721.0	33.9	15.4	49.3	68.2	-18.9	Peak	Horizontal
	7460.0	35.3	11.8	47.1	74.0	-26.9	Peak	Vertical
	8199.5	34.2	12.4	46.6	74.0	-27.4	Peak	Vertical
*	8692.5	35.7	13.2	48.9	68.2	-19.3	Peak	Vertical
*	9874.0	34.5	16.1	50.6	68.2	-17.6	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a	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
	7545.0	36.3	11.9	48.2	74.0	-25.8	Peak	Horizontal
	8140.0	36.4	12.5	48.9	74.0	-25.1	Peak	Horizontal
*	8701.0	34.5	13.2	47.7	68.2	-20.5	Peak	Horizontal
*	9780.5	33.6	15.8	49.4	68.2	-18.8	Peak	Horizontal
	7545.0	34.8	11.9	46.7	74.0	-27.3	Peak	Vertical
	8242.0	34.6	12.3	46.9	74.0	-27.1	Peak	Vertical
*	8735.0	34.4	13.2	47.6	68.2	-20.6	Peak	Vertical
*	9746.5	33.2	15.8	49.0	68.2	-19.2	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	HAN Access Point	Temperature	26°C	
Test Engineer	Messiah Li	Relative Humidity	57 %	
Test Site	AC1	Test Date	2019/10/07	
Test Mode:	802.11a	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
	7553.5	36.1	11.9	48.0	74.0	-26.0	Peak	Horizontal
	8276.0	34.4	12.0	46.4	74.0	-27.6	Peak	Horizontal
*	8658.5	33.5	13.0	46.5	68.2	-21.7	Peak	Horizontal
*	9857.0	33.2	16.0	49.2	68.2	-19.0	Peak	Horizontal
	7604.5	35.2	11.8	47.0	74.0	-27.0	Peak	Vertical
	8242.0	33.5	12.3	45.8	74.0	-28.2	Peak	Vertical
*	8854.0	34.0	13.4	47.4	68.2	-20.8	Peak	Vertical
*	9619.0	34.7	15.6	50.3	68.2	-17.9	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a	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
	7485.5	35.3	11.9	47.2	74.0	-26.8	Peak	Horizontal
	8165.5	35.1	12.4	47.5	74.0	-26.5	Peak	Horizontal
*	8684.0	34.9	13.1	48.0	68.2	-20.2	Peak	Horizontal
*	9619.0	34.7	15.6	50.3	68.2	-17.9	Peak	Horizontal
	7596.0	35.7	11.8	47.5	74.0	-26.5	Peak	Vertical
	8301.5	34.1	12.2	46.3	74.0	-27.7	Peak	Vertical
*	8701.0	33.5	13.2	46.7	68.2	-21.5	Peak	Vertical
*	9865.5	34.7	16.1	50.8	68.2	-17.4	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)

For AP321e

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7502.5	34.7	11.8	46.5	74.0	-27.5	Peak	Horizontal
*	8624.5	33.6	12.1	45.7	68.2	-22.5	Peak	Horizontal
*	10350.0	36.5	16.1	52.6	68.2	-15.6	Peak	Horizontal
	15546.3	28.4	19.5	47.9	54.0	-6.1	Average	Horizontal
*	7783.0	33.0	11.5	44.5	68.2	-23.7	Peak	Vertical
*	10358.5	33.9	16.1	50.0	68.2	-18.2	Peak	Vertical
	12058.5	30.9	19.4	50.3	74.0	-23.7	Peak	Vertical
	15545.6	27.0	19.5	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7545.0	31.6	11.9	43.5	74.0	-30.5	Peak	Horizontal
*	8624.5	31.8	12.1	43.9	68.2	-24.3	Peak	Horizontal
*	10435.0	32.5	15.9	48.4	68.2	-19.8	Peak	Horizontal
	15659.4	29.7	18.6	48.3	54.0	-5.7	Average	Horizontal
	7519.5	32.0	11.6	43.6	74.0	-30.4	Peak	Vertical
*	8837.0	31.0	12.7	43.7	68.2	-24.5	Peak	Vertical
*	10435.0	34.2	15.9	50.1	68.2	-18.1	Peak	Vertical
	15659.8	28.0	18.6	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7740.5	32.5	11.4	43.9	74.0	-30.1	Peak	Horizontal
*	8633.0	32.4	12.2	44.6	68.2	-23.6	Peak	Horizontal
*	10469.0	34.1	16.3	50.4	68.2	-17.8	Peak	Horizontal
	15729.0	29.3	19.0	48.3	54.0	-5.7	Average	Horizontal
	7587.5	32.3	11.5	43.8	74.0	-30.2	Peak	Vertical
*	8556.5	32.3	11.8	44.1	68.2	-24.1	Peak	Vertical
*	10477.5	34.1	16.3	50.4	68.2	-17.8	Peak	Vertical
	15730.5	34.1	19.0	53.1	74.0	-20.9	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7672.5	32.4	11.4	43.8	74.0	-30.2	Peak	Horizontal
*	8633.0	32.8	12.2	45.0	68.2	-23.2	Peak	Horizontal
	11482.0	29.8	19.8	49.6	54.0	-4.4	Average	Horizontal
*	17235.0	39.0	24.3	63.3	68.2	-4.9	Peak	Horizontal
	7502.5	32.4	11.8	44.2	74.0	-29.8	Peak	Vertical
*	10350.0	31.8	16.1	47.9	68.2	-20.3	Peak	Vertical
	11487.5	28.4	20.1	48.5	54.0	-5.5	Average	Vertical
*	17235.0	35.4	24.3	59.7	68.2	-8.5	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	HAN Access Point		Temperature	26°C	
Test Engineer	Messiah Li		Relative Humidity	57 %	
Test Site	AC1		Test Date	2019/10/07	
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4 (CDD Mode)		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
	7434.5	31.9	11.8	43.7	74.0	-30.3	Peak	Horizontal
*	9823.0	31.8	14.1	45.9	68.2	-22.3	Peak	Horizontal
	11568.5	29.7	19.4	49.1	54.0	-4.9	Average	Horizontal
*	17354.0	36.1	24.7	60.8	68.2	-7.4	Peak	Horizontal
	7494.0	31.3	12.0	43.3	74.0	-30.7	Peak	Vertical
*	8726.5	31.6	12.8	44.4	68.2	-23.8	Peak	Vertical
	11574.0	28.7	19.2	47.9	54.0	-6.1	Average	Vertical
*	17354.0	35.8	24.7	60.5	68.2	-7.7	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11a - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	8293.0	31.1	11.4	42.5	74.0	-31.5	Peak	Horizontal
*	9848.5	32.4	14.1	46.5	68.2	-21.7	Peak	Horizontal
	11650.5	39.6	19.7	59.3	74.0	-14.7	Peak	Horizontal
*	17473.0	33.7	25.0	58.7	68.2	-9.5	Peak	Horizontal
	7426.0	30.8	11.9	42.7	74.0	-31.3	Peak	Vertical
*	10571.0	30.8	16.9	47.7	68.2	-20.5	Peak	Vertical
	11650.0	33.7	19.7	53.4	54.0	-0.6	Average	Vertical
*	16733.5	32.2	22.3	54.5	68.2	-13.7	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	8412.0	30.3	11.4	41.7	74.0	-32.3	Peak	Horizontal
*	10358.5	33.5	16.1	49.6	68.2	-18.6	Peak	Horizontal
	12067.0	29.9	19.5	49.4	74.0	-24.6	Peak	Horizontal
*	14702.0	30.5	23.2	53.7	68.2	-14.5	Peak	Horizontal
	7596.0	33.1	11.5	44.6	74.0	-29.4	Peak	Vertical
*	10358.5	32.5	16.1	48.6	68.2	-19.6	Peak	Vertical
	12101.0	31.2	19.6	50.8	74.0	-23.2	Peak	Vertical
*	14659.5	31.6	22.6	54.2	68.2	-14.0	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7536.5	31.6	11.7	43.3	74.0	-30.7	Peak	Horizontal
*	8633.0	32.7	12.2	44.9	68.2	-23.3	Peak	Horizontal
	11531.5	30.3	19.7	50.0	74.0	-24.0	Peak	Horizontal
*	13886.0	29.6	23.3	52.9	68.2	-15.3	Peak	Horizontal
	8386.5	29.6	11.3	40.9	74.0	-33.1	Peak	Vertical
*	10112.0	31.7	14.7	46.4	68.2	-21.8	Peak	Vertical
	10970.5	30.5	18.5	49.0	74.0	-25.0	Peak	Vertical
*	14702.0	30.4	23.2	53.6	68.2	-14.6	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7596.0	32.7	11.5	44.2	74.0	-29.8	Peak	Horizontal
*	10477.5	31.9	16.3	48.2	68.2	-20.0	Peak	Horizontal
	11506.0	30.7	19.5	50.2	74.0	-23.8	Peak	Horizontal
*	14634.0	31.1	23.0	54.1	68.2	-14.1	Peak	Horizontal
	8284.5	32.3	11.3	43.6	74.0	-30.4	Peak	Vertical
*	10477.5	32.0	16.3	48.3	68.2	-19.9	Peak	Vertical
	11616.5	30.1	19.2	49.3	74.0	-24.7	Peak	Vertical
*	14744.5	30.5	22.9	53.4	68.2	-14.8	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7672.5	32.5	11.4	43.9	74.0	-30.1	Peak	Horizontal
*	9772.0	31.7	14.0	45.7	68.2	-22.5	Peak	Horizontal
	11489.0	32.6	20.2	52.8	74.0	-21.2	Peak	Horizontal
*	14923.0	30.3	22.3	52.6	68.2	-15.6	Peak	Horizontal
	7655.5	32.5	11.4	43.9	74.0	-30.1	Peak	Vertical
*	9644.5	33.2	13.7	46.9	68.2	-21.3	Peak	Vertical
	11489.0	31.3	20.2	51.5	74.0	-22.5	Peak	Vertical
*	14761.5	30.3	22.6	52.9	68.2	-15.3	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7545.0	32.7	11.9	44.6	74.0	-29.4	Peak	Horizontal
*	9712.5	32.8	13.7	46.5	68.2	-21.7	Peak	Horizontal
	11574.0	34.3	19.2	53.5	74.0	-20.5	Peak	Horizontal
*	14583.0	30.8	23.0	53.8	68.2	-14.4	Peak	Horizontal
	7434.5	32.1	11.8	43.9	74.0	-30.1	Peak	Vertical
*	10350.0	30.9	16.1	47.0	68.2	-21.2	Peak	Vertical
	11574.0	33.8	19.2	53.0	74.0	-21.0	Peak	Vertical
*	14702.0	30.5	23.2	53.7	68.2	-14.5	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7485.5	31.9	12.0	43.9	74.0	-30.1	Peak	Horizontal
*	10239.5	32.8	15.4	48.2	68.2	-20.0	Peak	Horizontal
	11642.0	37.2	19.5	56.7	74.0	-17.3	Average	Horizontal
*	17473.0	33.3	25.0	58.3	68.2	-9.9	Peak	Horizontal
	7324.0	31.5	12.0	43.5	74.0	-30.5	Peak	Vertical
*	9644.5	33.8	13.7	47.5	68.2	-20.7	Peak	Vertical
	11651.0	33.0	19.8	52.8	54.0	-1.2	Average	Vertical
*	17481.5	33.1	25.2	58.3	68.2	-9.9	Peak	Vertical
	7485.5	31.9	12.0	43.9	74.0	-30.1	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7672.5	31.4	11.4	42.8	74.0	-31.2	Peak	Horizontal
*	10384.0	31.4	16.3	47.7	68.2	-20.5	Peak	Horizontal
	11659.0	28.7	20.0	48.7	74.0	-25.3	Peak	Horizontal
*	14804.0	30.0	23.2	53.2	68.2	-15.0	Peak	Horizontal
	7494.0	30.8	12.0	42.8	74.0	-31.2	Peak	Vertical
*	9279.0	31.8	13.7	45.5	68.2	-22.7	Peak	Vertical
	11582.5	29.4	19.5	48.9	74.0	-25.1	Peak	Vertical
*	14744.5	29.8	22.9	52.7	68.2	-15.5	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7570.5	32.5	11.6	44.1	74.0	-29.9	Peak	Horizontal
*	10460.5	31.2	16.4	47.6	68.2	-20.6	Peak	Horizontal
	11565.5	29.5	19.5	49.0	74.0	-25.0	Peak	Horizontal
*	14047.5	30.1	23.1	53.2	68.2	-15.0	Peak	Horizontal
	7485.5	32.0	12.0	44.0	74.0	-30.0	Peak	Vertical
*	9644.5	32.3	13.7	46.0	68.2	-22.2	Peak	Vertical
	11276.5	30.4	19.1	49.5	74.0	-24.5	Peak	Vertical
*	14056.0	30.7	23.3	54.0	68.2	-14.2	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7494.0	31.5	12.0	43.5	74.0	-30.5	Peak	Horizontal
*	9644.5	32.6	13.7	46.3	68.2	-21.9	Peak	Horizontal
	11523.0	32.8	19.5	52.3	74.0	-21.7	Peak	Horizontal
*	14744.5	30.3	22.9	53.2	68.2	-15.0	Peak	Horizontal
	7434.5	31.6	11.8	43.4	74.0	-30.6	Peak	Vertical
*	9670.0	32.7	13.6	46.3	68.2	-21.9	Peak	Vertical
	11497.5	30.3	19.9	50.2	74.0	-23.8	Peak	Vertical
*	14268.5	29.4	23.5	52.9	68.2	-15.3	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/18
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7468.5	32.3	11.8	44.1	74.0	-29.9	Peak	Horizontal
*	10010.0	32.7	14.4	47.1	68.2	-21.1	Peak	Horizontal
	11591.0	32.0	19.8	51.8	74.0	-22.2	Peak	Horizontal
*	14353.5	30.4	23.2	53.6	68.2	-14.6	Peak	Horizontal
	7417.5	31.2	11.7	42.9	74.0	-31.1	Peak	Vertical
*	9678.5	32.4	13.6	46.0	68.2	-22.2	Peak	Vertical
	11582.5	33.1	19.5	52.6	74.0	-21.4	Peak	Vertical
*	13886.0	29.1	23.3	52.4	68.2	-15.8	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7536.5	30.9	11.7	42.6	74.0	-31.4	Peak	Horizontal
*	10358.5	32.8	16.1	48.9	68.2	-19.3	Peak	Horizontal
	11489.0	29.9	20.2	50.1	74.0	-23.9	Peak	Horizontal
*	13886.0	30.5	23.3	53.8	68.2	-14.4	Peak	Horizontal
	10358.5	32.7	16.1	48.8	68.2	-19.4	Peak	Vertical
*	11293.5	30.2	18.8	49.0	74.0	-25.0	Peak	Vertical
	13002.0	28.9	21.3	50.2	68.2	-18.0	Peak	Vertical
*	15526.5	33.4	19.7	53.1	74.0	-20.9	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7647.0	33.0	11.3	44.3	74.0	-29.7	Peak	Horizontal
*	10443.5	32.8	16.2	49.0	68.2	-19.2	Peak	Horizontal
	11540.0	30.8	19.9	50.7	74.0	-23.3	Peak	Horizontal
*	13444.0	29.6	23.2	52.8	68.2	-15.4	Peak	Horizontal
	7366.5	31.7	11.9	43.6	74.0	-30.4	Peak	Vertical
*	9644.5	32.5	13.7	46.2	68.2	-22.0	Peak	Vertical
	11557.0	31.5	19.7	51.2	74.0	-22.8	Peak	Vertical
*	14481.0	31.2	23.3	54.5	74.0	-19.5	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7664.0	31.7	11.4	43.1	74.0	-30.9	Peak	Horizontal
*	10078.0	30.0	14.8	44.8	68.2	-23.4	Peak	Horizontal
	11659.0	29.9	20.0	49.9	74.0	-24.1	Peak	Horizontal
*	13979.5	30.1	22.9	53.0	68.2	-15.2	Peak	Horizontal
	7426.0	31.4	11.9	43.3	74.0	-30.7	Peak	Vertical
*	9670.0	32.9	13.6	46.5	68.2	-21.7	Peak	Vertical
	11370.0	29.7	19.3	49.0	74.0	-25.0	Peak	Vertical
*	13937.0	28.9	23.2	52.1	68.2	-16.1	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7647.0	33.2	11.3	44.5	74.0	-29.5	Peak	Horizontal
*	10103.5	32.5	14.7	47.2	68.2	-21.0	Peak	Horizontal
	11497.5	32.0	19.9	51.9	74.0	-22.1	Peak	Horizontal
*	17235.0	35.8	24.3	60.1	68.2	-8.1	Peak	Horizontal
	7494.0	32.3	12.0	44.3	74.0	-29.7	Peak	Vertical
*	9644.5	32.9	13.7	46.6	68.2	-21.6	Peak	Vertical
	11489.0	33.2	20.2	53.4	74.0	-20.6	Peak	Vertical
*	17243.5	33.8	24.8	58.6	68.2	-9.6	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7494.0	32.9	12.0	44.9	74.0	-29.1	Peak	Horizontal
*	8641.5	32.2	12.2	44.4	68.2	-23.8	Peak	Horizontal
	11565.5	35.9	19.5	55.4	74.0	-18.6	Peak	Horizontal
*	17345.5	34.2	24.2	58.4	68.2	-9.8	Peak	Horizontal
	7536.5	32.6	11.7	44.3	74.0	-29.7	Peak	Vertical
*	9729.5	32.3	13.7	46.0	68.2	-22.2	Peak	Vertical
	11574.0	30.1	19.2	49.3	54.0	-4.7	Average	Vertical
*	16903.5	33.2	22.7	55.9	68.2	-12.3	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	HAN Access Point	Temperature	26℃
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7468.5	32.4	11.8	44.2	74.0	-29.8	Peak	Horizontal
*	10562.5	32.1	16.9	49.0	68.2	-19.2	Peak	Horizontal
	11642.0	32.4	19.5	51.9	54.0	-2.1	Average	Horizontal
*	17481.5	33.0	25.2	58.2	68.2	-10.0	Peak	Horizontal
	7502.5	31.4	11.8	43.2	74.0	-30.8	Peak	Vertical
*	9738.0	34.1	13.8	47.9	68.2	-20.3	Peak	Vertical
	11650.3	33.7	19.7	53.4	54.0	-0.6	Average	Vertical
*	16810.0	32.7	23.3	56.0	68.2	-12.2	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7672.5	32.5	11.4	43.9	74.0	-30.1	Peak	Horizontal
*	9729.5	33.7	13.7	47.4	68.2	-20.8	Peak	Horizontal
	12628.0	30.5	20.3	50.8	74.0	-23.2	Peak	Horizontal
*	14583.0	32.1	23.0	55.1	68.2	-13.1	Peak	Horizontal
	7451.5	32.7	11.7	44.4	74.0	-29.6	Peak	Vertical
*	10384.0	32.6	16.3	48.9	68.2	-19.3	Peak	Vertical
	10843.0	31.7	17.9	49.6	74.0	-24.4	Peak	Vertical
*	13886.0	29.6	23.3	52.9	68.2	-15.3	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	HAN Access Point		Temperature	26°C
Test Engineer	Messiah Li		Relative Humidity	57 %
Test Site	AC1		Test Date	2019/10/07
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4 (CDD Mode)		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
	7511.0	32.6	11.6	44.2	74.0	-29.8	Peak	Horizontal
*	10494.5	31.9	16.5	48.4	68.2	-19.8	Peak	Horizontal
	11540.0	31.0	19.9	50.9	74.0	-23.1	Peak	Horizontal
*	13988.0	31.6	23.4	55.0	68.2	-13.2	Peak	Horizontal
	7545.0	32.3	11.9	44.2	74.0	-29.8	Peak	Vertical
*	9644.5	33.6	13.7	47.3	68.2	-20.9	Peak	Vertical
	11659.0	29.9	20.0	49.9	74.0	-24.1	Peak	Vertical
*	13002.0	31.1	21.3	52.4	68.2	-15.8	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7434.5	31.9	11.8	43.7	74.0	-30.3	Peak	Horizontal
*	9678.5	32.7	13.6	46.3	68.2	-21.9	Peak	Horizontal
	11497.5	30.3	19.9	50.2	74.0	-23.8	Peak	Horizontal
*	17252.0	33.0	25.3	58.3	68.2	-9.9	Peak	Horizontal
	7400.5	32.3	11.6	43.9	74.0	-30.1	Peak	Vertical
*	9644.5	33.8	13.7	47.5	68.2	-20.7	Peak	Vertical
	11506.0	32.9	19.5	52.4	74.0	-21.6	Peak	Vertical
*	14268.5	29.7	23.5	53.2	68.2	-15.0	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7443.0	31.9	11.8	43.7	74.0	-30.3	Peak	Horizontal
*	10307.5	32.1	15.7	47.8	68.2	-20.4	Peak	Horizontal
	11599.5	33.1	19.7	52.8	74.0	-21.2	Peak	Horizontal
*	17371.0	34.6	24.5	59.1	68.2	-9.1	Peak	Horizontal
	7562.0	33.1	11.6	44.7	74.0	-29.3	Peak	Vertical
*	9593.5	33.1	13.6	46.7	68.2	-21.5	Peak	Vertical
	11591.0	35.7	19.8	55.5	74.0	-18.5	Peak	Vertical
*	14149.5	30.0	23.3	53.3	68.2	-14.9	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE80 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7613.0	32.9	11.3	44.2	74.0	-29.8	Peak	Horizontal
*	10010.0	32.2	14.4	46.6	68.2	-21.6	Peak	Horizontal
	10919.5	31.8	18.3	50.1	74.0	-23.9	Peak	Horizontal
*	13869.0	29.6	23.1	52.7	68.2	-15.5	Peak	Horizontal
	7434.5	32.3	11.8	44.1	74.0	-29.9	Peak	Vertical
*	10112.0	32.8	14.7	47.5	68.2	-20.7	Peak	Vertical
	11514.5	31.8	19.5	51.3	74.0	-22.7	Peak	Vertical
*	13767.0	30.2	22.5	52.7	68.2	-15.5	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/10/07
Test Mode:	802.11ax-HE80 - Ant 1 + 2 + 3 + 4 (CDD Mode)	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
	7426.0	31.8	11.9	43.7	74.0	-30.3	Peak	Horizontal
*	9661.5	33.6	13.6	47.2	68.2	-21.0	Peak	Horizontal
	11548.5	31.4	19.8	51.2	74.0	-22.8	Peak	Horizontal
*	16810.0	34.2	23.3	57.5	68.2	-10.7	Peak	Horizontal
	7545.0	32.8	11.9	44.7	74.0	-29.3	Peak	Vertical
*	10001.5	32.4	14.3	46.7	68.2	-21.5	Peak	Vertical
	11514.5	30.6	19.5	50.1	74.0	-23.9	Peak	Vertical
*	13444.0	30.6	23.2	53.8	68.2	-14.4	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/14
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7494.0	34.6	12.0	46.6	74.0	-27.4	Peak	Horizontal
	8386.5	36.0	12.3	48.3	74.0	-25.7	Peak	Horizontal
*	8709.5	34.7	13.2	47.9	68.2	-20.3	Peak	Horizontal
*	9797.5	33.9	15.9	49.8	68.2	-18.4	Peak	Horizontal
	7511.0	35.1	11.9	47.0	74.0	-27.0	Peak	Vertical
	8225.0	35.5	12.2	47.7	74.0	-26.3	Peak	Vertical
*	8820.0	35.3	13.4	48.7	68.2	-19.5	Peak	Vertical
*	9976.0	33.1	15.9	49.0	68.2	-19.2	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/14
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7715.0	35.8	11.7	47.5	74.0	-26.5	Peak	Horizontal
	8199.5	35.1	12.4	47.5	74.0	-26.5	Peak	Horizontal
*	8803.0	34.3	13.4	47.7	68.2	-20.6	Peak	Horizontal
*	10129.0	34.0	16.2	50.1	68.2	-18.1	Peak	Horizontal
	7545.0	35.8	11.9	47.7	74.0	-26.3	Peak	Vertical
	8259.0	34.0	12.2	46.3	74.0	-27.8	Peak	Vertical
*	8888.0	34.8	13.4	48.2	68.2	-20.0	Peak	Vertical
*	10307.5	33.1	16.6	49.7	68.2	-18.5	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/14
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7468.5	35.2	11.8	47.1	74.0	-26.9	Peak	Horizontal
	8250.5	33.6	12.3	45.8	74.0	-28.2	Peak	Horizontal
*	8862.5	32.9	13.4	46.3	68.2	-21.9	Peak	Horizontal
*	9976.0	32.2	15.9	48.2	68.2	-20.0	Peak	Horizontal
	7477.0	35.1	11.9	47.0	74.0	-27.0	Peak	Vertical
	8284.5	34.2	12.1	46.3	74.0	-27.7	Peak	Vertical
*	8794.5	34.6	13.3	47.9	68.2	-20.3	Peak	Vertical
*	10256.5	33.9	16.5	50.4	68.2	-17.8	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/14
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7434.5	34.5	11.9	46.4	74.0	-27.6	Peak	Horizontal
	8216.5	34.6	12.3	46.9	74.0	-27.2	Peak	Horizontal
*	8709.5	34.2	13.2	47.4	68.2	-20.8	Peak	Horizontal
*	10069.5	34.4	16.1	50.5	68.2	-17.7	Peak	Horizontal
	7468.5	34.2	11.8	46.1	74.0	-28.0	Peak	Vertical
	8386.5	35.6	12.3	47.9	74.0	-26.1	Peak	Vertical
*	8752.0	35.5	13.3	48.9	68.2	-19.4	Peak	Vertical
*	9848.5	33.5	16.1	49.5	68.2	-18.7	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/14
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7536.5	33.7	11.9	45.6	74.0	-28.4	Peak	Horizontal
	8335.5	34.3	12.1	46.4	74.0	-27.6	Peak	Horizontal
*	8854.0	35.2	13.4	48.6	68.2	-19.6	Peak	Horizontal
*	9976.0	33.1	15.9	49.1	68.2	-19.1	Peak	Horizontal
	7468.5	34.8	11.8	46.7	74.0	-27.3	Peak	Vertical
	8293.0	35.6	12.1	47.7	74.0	-26.4	Peak	Vertical
*	8794.5	34.4	13.3	47.7	68.2	-20.5	Peak	Vertical
*	10358.5	34.9	16.8	51.7	68.2	-16.5	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/14
Test Mode:	802.11n-HT20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7434.5	35.8	11.9	47.7	74.0	-26.3	Peak	Horizontal
	8216.5	34.7	12.3	47.0	74.0	-27.0	Peak	Horizontal
*	8752.0	33.9	13.3	47.2	68.2	-21.0	Average	Horizontal
*	9891.0	33.2	16.2	49.4	68.2	-18.9	Peak	Horizontal
	7579.0	33.4	11.8	45.2	74.0	-28.8	Peak	Vertical
	8267.5	34.1	12.1	46.3	74.0	-27.7	Peak	Vertical
*	8922.0	32.5	13.4	45.9	68.2	-22.3	Peak	Vertical
*	9712.5	32.6	15.4	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7426.0	34.9	11.9	46.8	74.0	-27.2	Peak	Horizontal
	8182.5	34.6	12.4	47.1	74.0	-26.9	Peak	Horizontal
*	8973.0	33.9	13.4	47.2	68.2	-21.0	Peak	Horizontal
*	10112.0	33.6	16.3	49.9	68.2	-18.3	Peak	Horizontal
	7434.5	34.6	11.9	46.5	74.0	-27.5	Peak	Vertical
	8437.5	33.5	12.4	45.8	74.0	-28.2	Peak	Vertical
*	8709.5	34.6	13.2	47.8	68.2	-20.4	Peak	Vertical
*	9755.0	33.7	15.9	49.6	68.2	-18.6	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7579.0	34.1	11.8	45.9	74.0	-28.1	Peak	Horizontal
	8293.0	35.2	12.1	47.3	74.0	-26.8	Peak	Horizontal
*	8871.0	34.1	13.5	47.6	68.2	-20.6	Peak	Horizontal
*	9899.5	33.6	16.1	49.7	68.2	-18.5	Peak	Horizontal
	7536.5	34.0	11.9	45.9	74.0	-28.1	Peak	Vertical
	8463.0	33.9	12.3	46.2	74.0	-27.8	Peak	Vertical
*	9075.0	33.0	13.8	46.7	74.0	-27.3	Peak	Vertical
*	10137.5	32.2	16.2	48.4	68.2	-19.8	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7536.5	36.1	11.9	47.9	74.0	-26.1	Peak	Horizontal
	8250.5	35.0	12.3	47.3	74.0	-26.7	Peak	Horizontal
*	8599.0	34.9	12.9	47.8	68.2	-20.4	Peak	Horizontal
*	9823.0	35.9	16.0	52.0	68.2	-16.2	Peak	Horizontal
	7647.0	35.7	11.6	47.3	74.0	-26.7	Peak	Vertical
	8259.0	35.9	12.2	48.1	74.0	-25.9	Peak	Vertical
*	8837.0	34.4	13.3	47.8	68.2	-20.4	Peak	Vertical
*	10324.5	33.1	16.7	49.7	68.2	-18.5	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11n-HT40 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7502.5	34.9	12.0	46.9	74.0	-27.1	Peak	Horizontal
	8361.0	35.8	12.2	48.0	74.0	-26.0	Peak	Horizontal
*	8692.5	34.2	13.2	47.4	68.2	-20.8	Peak	Horizontal
*	10027.0	34.1	16.0	50.1	68.2	-18.1	Peak	Horizontal
	7664.0	35.7	11.7	47.4	74.0	-26.6	Peak	Vertical
	8250.5	34.1	12.3	46.4	74.0	-27.6	Peak	Vertical
*	8828.5	34.4	13.4	47.7	68.2	-20.5	Peak	Vertical
*	10248.0	34.6	16.5	51.1	68.2	-17.1	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7655.5	34.8	11.6	46.4	74.0	-27.6	Peak	Horizontal
	8174.0	34.5	12.4	46.9	74.0	-27.2	Peak	Horizontal
*	8777.5	33.2	13.3	46.6	68.2	-21.7	Peak	Horizontal
*	10197.0	32.4	16.2	48.5	68.2	-19.7	Peak	Horizontal
	7553.5	34.4	11.9	46.4	74.0	-27.6	Peak	Vertical
	8165.5	34.1	12.4	46.5	74.0	-27.5	Peak	Vertical
*	8803.0	32.8	13.4	46.2	68.2	-22.0	Peak	Vertical
*	9848.5	32.5	16.1	48.5	68.2	-19.7	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7647.0	34.5	11.6	46.0	74.0	-28.0	Peak	Horizontal
	8284.5	33.5	12.1	45.5	74.0	-28.5	Peak	Horizontal
*	8718.0	33.0	13.2	46.2	68.2	-22.0	Peak	Horizontal
*	9738.0	35.1	15.7	50.9	68.2	-17.3	Peak	Horizontal
	7349.5	35.2	11.7	46.9	74.0	-27.1	Peak	Vertical
	8463.0	35.9	12.3	48.2	74.0	-25.8	Peak	Vertical
*	8913.5	34.2	13.4	47.6	68.2	-20.6	Peak	Vertical
*	10231.0	33.5	16.6	50.1	68.2	-18.2	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7545.0	32.1	11.9	44.1	74.0	-29.9	Peak	Horizontal
	8242.0	33.4	12.3	45.7	74.0	-28.3	Peak	Horizontal
*	8845.5	32.0	13.4	45.4	68.2	-22.9	Peak	Horizontal
*	9848.5	32.1	16.1	48.1	68.2	-20.1	Peak	Horizontal
	7689.5	34.7	11.7	46.4	74.0	-27.6	Peak	Vertical
	8284.5	34.6	12.1	46.7	74.0	-27.3	Peak	Vertical
*	8828.5	33.4	13.4	46.7	68.2	-21.5	Peak	Vertical
*	10044.0	32.8	16.1	48.9	68.2	-19.3	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7604.5	33.2	11.8	45.0	74.0	-29.0	Peak	Horizontal
	8191.0	34.5	12.5	47.0	74.0	-27.0	Peak	Horizontal
*	8633.0	33.5	13.1	46.6	68.2	-21.6	Peak	Horizontal
*	10307.5	31.8	16.6	48.4	68.2	-19.8	Peak	Horizontal
	7536.5	34.1	11.9	46.0	74.0	-28.0	Peak	Vertical
	8293.0	33.2	12.1	45.2	74.0	-28.8	Peak	Vertical
*	8888.0	32.3	13.4	45.7	68.2	-22.5	Peak	Vertical
*	10027.0	34.1	16.0	50.1	68.2	-18.1	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7477.0	34.9	11.9	46.7	74.0	-27.3	Peak	Horizontal
	8293.0	33.9	12.1	46.0	74.0	-28.1	Peak	Horizontal
*	8777.5	33.3	13.3	46.6	68.2	-21.6	Peak	Horizontal
*	9704.0	32.2	15.3	47.5	68.2	-20.7	Peak	Horizontal
	7477.0	33.2	11.9	45.1	74.0	-29.0	Peak	Vertical
	8344.0	33.1	12.0	45.0	74.0	-29.0	Peak	Vertical
*	8709.5	33.8	13.2	47.1	68.2	-21.2	Peak	Vertical
*	9976.0	31.9	15.9	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26℃
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/12
Test Mode:	802.11ax-HE20 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7434.5	33.9	11.9	45.8	74.0	-28.2	Peak	Horizontal
	8216.5	34.1	12.3	46.4	74.0	-27.6	Peak	Horizontal
*	8726.5	32.8	13.2	46.0	68.2	-22.2	Peak	Horizontal
*	10010.0	31.9	16.1	48.0	68.2	-20.2	Peak	Horizontal
	7434.5	32.9	11.9	44.8	74.0	-29.2	Peak	Vertical
	8344.0	35.5	12.0	47.4	74.0	-26.6	Peak	Vertical
*	8752.0	33.5	13.3	46.8	68.2	-21.4	Peak	Vertical
*	9908.0	32.1	16.1	48.1	68.2	-20.1	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/10
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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.		

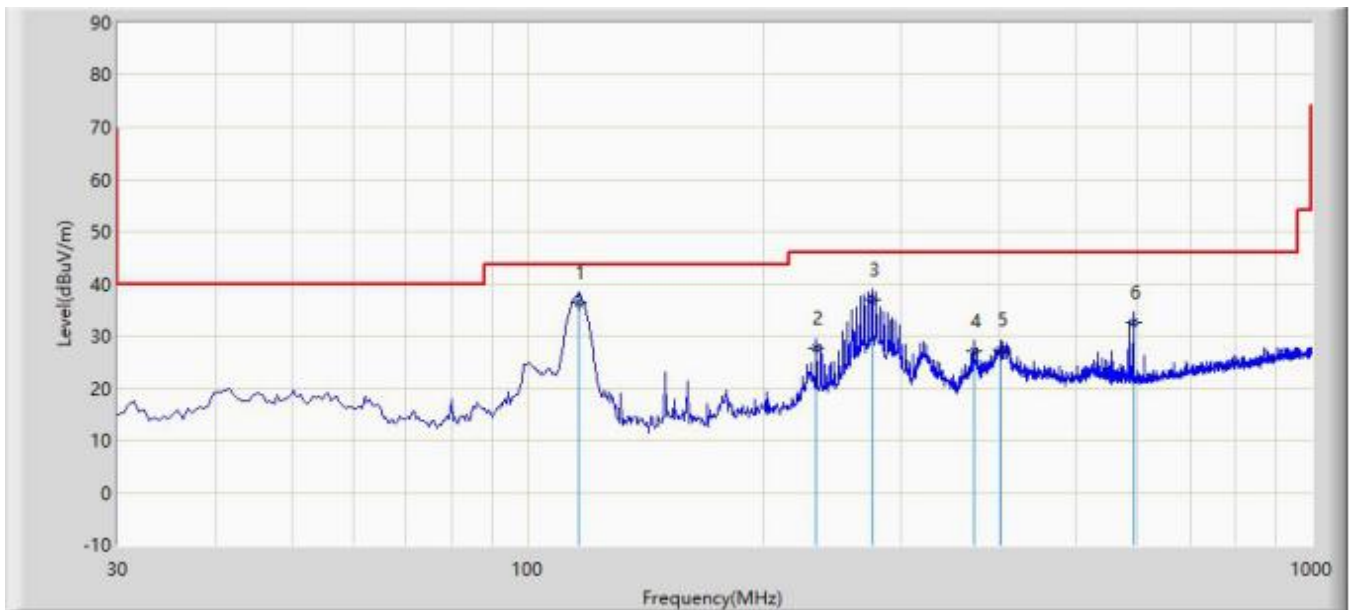| Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7545.0	33.1	11.9	45.0	74.0	-29.0	Peak	Horizontal
	8225.0	34.1	12.2	46.3	74.0	-27.7	Peak	Horizontal
*	8684.0	33.3	13.1	46.4	68.2	-21.8	Peak	Horizontal
*	9848.5	33.2	16.1	49.2	68.2	-19.0	Peak	Horizontal
	7468.5	34.6	11.8	46.4	74.0	-27.6	Peak	Vertical
	8378.0	34.4	12.4	46.8	74.0	-27.2	Peak	Vertical
*	8752.0	34.5	13.3	47.8	68.2	-20.4	Peak	Vertical
*	10078.0	32.7	16.0	48.8	68.2	-19.4	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/10
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7434.5	34.0	11.9	45.9	74.0	-28.1	Peak	Horizontal
	8182.5	34.8	12.4	47.2	74.0	-26.8	Peak	Horizontal
*	8752.0	33.6	13.3	46.9	68.2	-21.3	Peak	Horizontal
*	10188.5	32.4	16.3	48.7	68.2	-19.5	Peak	Horizontal
	7613.0	34.5	11.9	46.4	74.0	-27.6	Peak	Vertical
	8369.5	33.9	12.3	46.2	74.0	-27.8	Peak	Vertical
*	8709.5	33.0	13.2	46.2	68.2	-22.0	Peak	Vertical
*	9984.5	32.7	16.0	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/10
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7536.5	34.0	11.9	45.9	74.0	-28.1	Peak	Horizontal
	8148.5	33.4	12.4	45.8	74.0	-28.2	Peak	Horizontal
*	8854.0	34.1	13.4	47.5	68.2	-20.7	Peak	Horizontal
*	10027.0	32.8	16.0	48.9	68.2	-19.3	Peak	Horizontal
	7647.0	33.8	11.6	45.3	74.0	-28.7	Peak	Vertical
	8446.0	34.8	12.4	47.1	74.0	-26.9	Peak	Vertical
*	8752.0	36.7	13.3	50.1	68.2	-18.1	Peak	Vertical
*	10299.0	34.5	16.6	51.0	68.2	-17.2	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/10
Test Mode:	802.11ax-HE40 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7502.5	34.4	12.0	46.4	74.0	-27.6	Peak	Horizontal
	8276.0	33.7	12.0	45.7	74.0	-28.3	Peak	Horizontal
*	8803.0	33.2	13.4	46.6	68.2	-21.6	Peak	Horizontal
*	9797.5	33.8	15.9	49.7	68.2	-18.5	Peak	Horizontal
	7468.5	34.2	11.8	46.1	74.0	-27.9	Peak	Vertical
	8191.0	33.7	12.5	46.1	74.0	-27.9	Peak	Vertical
*	8879.5	34.8	13.4	48.2	68.2	-20.0	Peak	Vertical
*	10256.5	33.0	16.5	49.5	68.2	-18.7	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	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/10
Test Mode:	802.11ax-HE80 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7477.0	33.4	11.9	45.3	74.0	-28.7	Peak	Horizontal
	8327.0	33.5	12.2	45.7	74.0	-28.3	Peak	Horizontal
*	8777.5	33.1	13.3	46.4	68.2	-21.8	Peak	Horizontal
*	10001.5	32.2	16.1	48.3	68.2	-20.0	Peak	Horizontal
	7545.0	34.3	11.9	46.2	74.0	-27.8	Peak	Vertical
	8327.0	33.0	12.2	45.2	74.0	-28.8	Peak	Vertical
*	8922.0	32.9	13.4	46.3	68.2	-21.9	Peak	Vertical
*	10044.0	31.6	16.1	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Product	HAN Access Point	Temperature	26°C
Test Engineer	Messiah Li	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/12/10
Test Mode:	802.11ax-HE80 - Ant 1 + 2 + 3 + 4 (Beamforming Mode)	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
	7596.0	33.0	11.8	44.8	74.0	-29.2	Peak	Horizontal
	8250.5	33.4	12.3	45.7	74.0	-28.3	Peak	Horizontal
*	8871.0	33.7	13.5	47.2	68.2	-21.1	Peak	Horizontal
*	10197.0	32.2	16.2	48.4	68.2	-19.8	Peak	Horizontal
	7553.5	33.5	11.9	45.4	74.0	-28.6	Peak	Vertical
	8361.0	34.3	12.2	46.5	74.0	-27.5	Peak	Vertical
*	8760.5	33.2	13.4	46.5	68.2	-21.7	Peak	Vertical
*	10205.5	33.0	16.3	49.3	68.2	-18.9	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)

The worst case of Radiated Emission below 1GHz:

Site: AC2	Time: 2019/10/09 - 21:15
Limit: FCC_Part15.209_RSE(3m)	Engineer: David Lv
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Worst Case: Transmit by 802.11a at Channel 5180MHz Ant 1 + 2 + 3 + 4	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	116.300	36.498	24.778	-7.002	43.500	11.720	QP
2			233.700	27.596	14.604	-18.404	46.000	12.992	QP
3			275.410	37.086	23.191	-8.914	46.000	13.895	QP
4			371.440	26.998	11.120	-19.002	46.000	15.878	QP
5			401.510	27.271	10.837	-18.729	46.000	16.433	QP
6			592.600	32.675	13.101	-13.325	46.000	19.574	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 ~ 25GHz), therefore no data appear in the report.

Site: AC2	Time: 2019/10/09 - 21:18
Limit: FCC_Part15.209_RSE(3m)	Engineer: David Lv
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Worst Case: Transmit by 802.11a at Channel 5180MHz Ant 1 + 2 + 3 + 4	
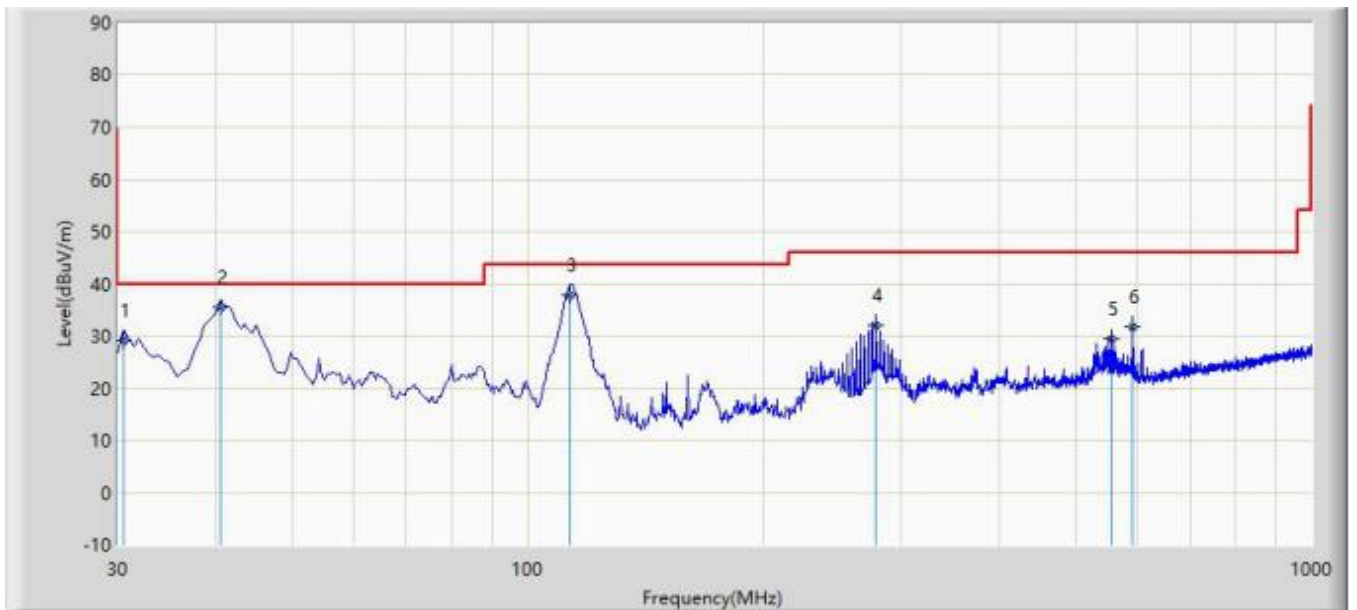
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.485	29.100	17.048	-10.900	40.000	12.051	QP
2		*	40.670	35.491	21.580	-4.509	40.000	13.910	QP
3			113.420	37.739	25.535	-5.761	43.500	12.204	QP
4			278.320	32.041	18.104	-13.959	46.000	13.936	QP
5			556.710	29.276	10.370	-16.724	46.000	18.906	QP
6			590.175	31.695	12.161	-14.305	46.000	19.534	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 ~ 25GHz), therefore no data appear in the report.

7.9. Radiated Restricted Band Edge Measurement

7.9.1.Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42-16.423	399.9 - 410	4.5-5.15
[1] 0.495 - 0.505	16.69475-16.69525	608 - 614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960 - 1240	7.25-7.75
4.125-4.128	25.5 -25.67	1300 - 1427	8.025 - 8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660 - 1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123 - 138	2200 - 2300	14.47-14.5
8.291-8.294	149.9-150.05	2310–2390	15.35-16.2
8.362-8.366	156.52475-156.525	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 10dBm/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 15.6dBm/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 27dBm/MHz at the band edge.

Refer to KDB 789033 D02v01r04 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27dBm/MHz as

specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27dBm/MHz.

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 AD)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. If duty cycle ≥ 98%, VBW ≤ RBW/100 but not less than 10Hz; If duty cycle < 98%, set VBW≥1/T.

4. Detector = Peak

5. Sweep time = auto

6. Trace mode = max hold

7. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

7.9.4.Test Setup
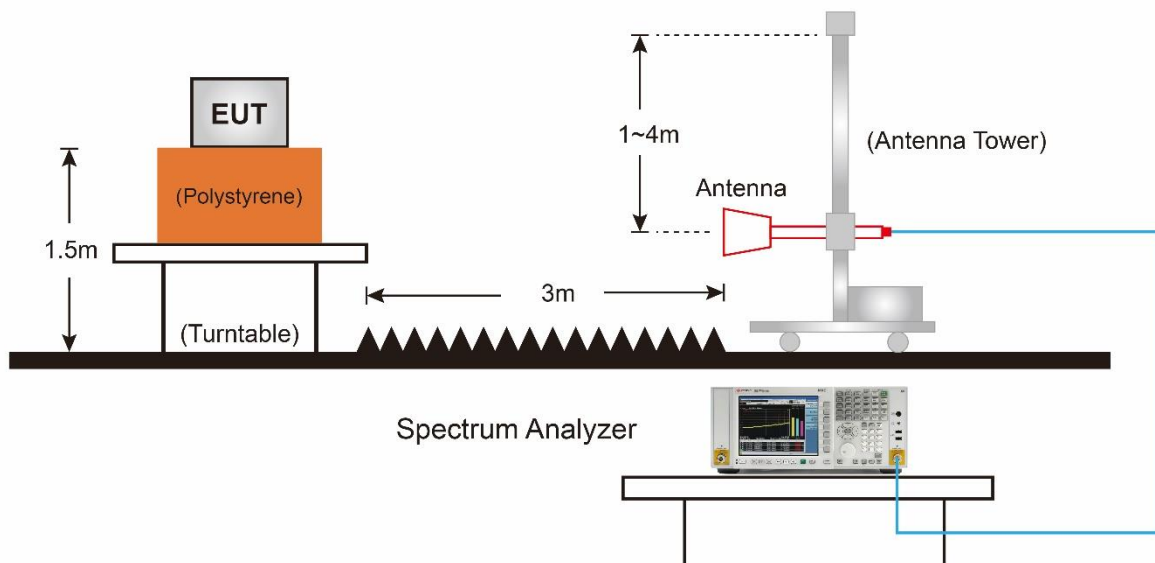
7.9.5.Test Result

For AP321

| Site: AC2	Time: 2019/10/04 - 16:04
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	
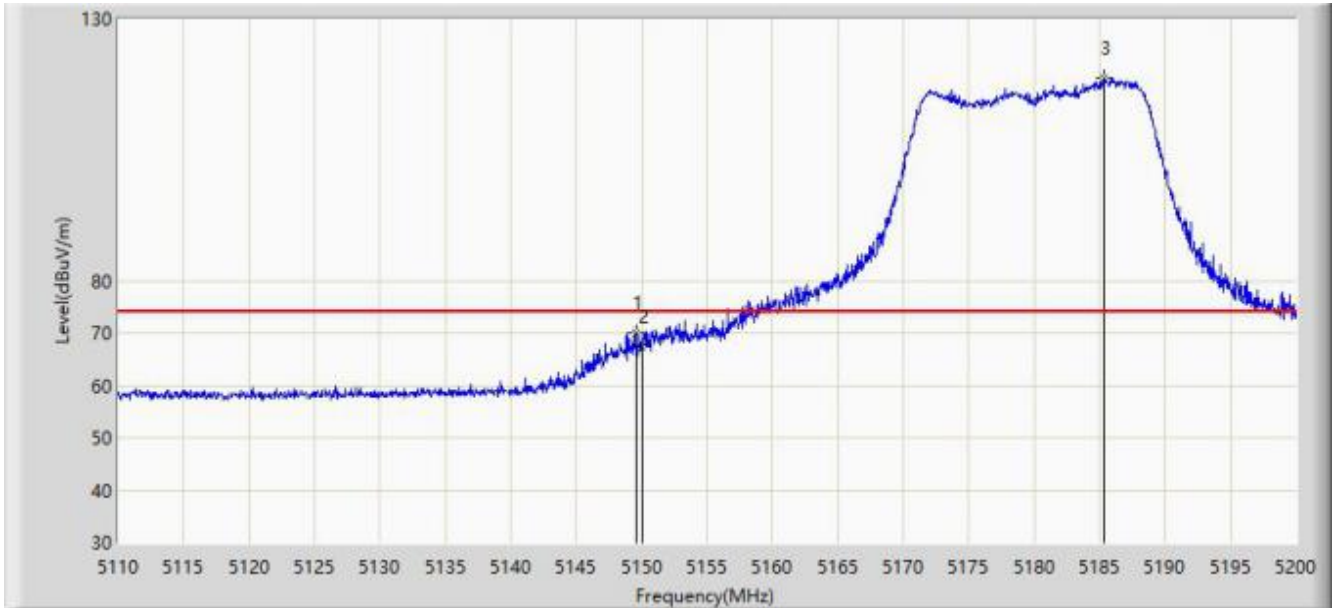
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.555	69.934	65.907	-4.066	74.000	4.027	PK
2			5150.000	67.462	63.435	-6.538	74.000	4.027	PK
3		*	5185.375	118.586	114.724	N/A	N/A	3.863	PK

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

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

| Site: AC2	Time: 2019/10/04 - 16:06
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz	
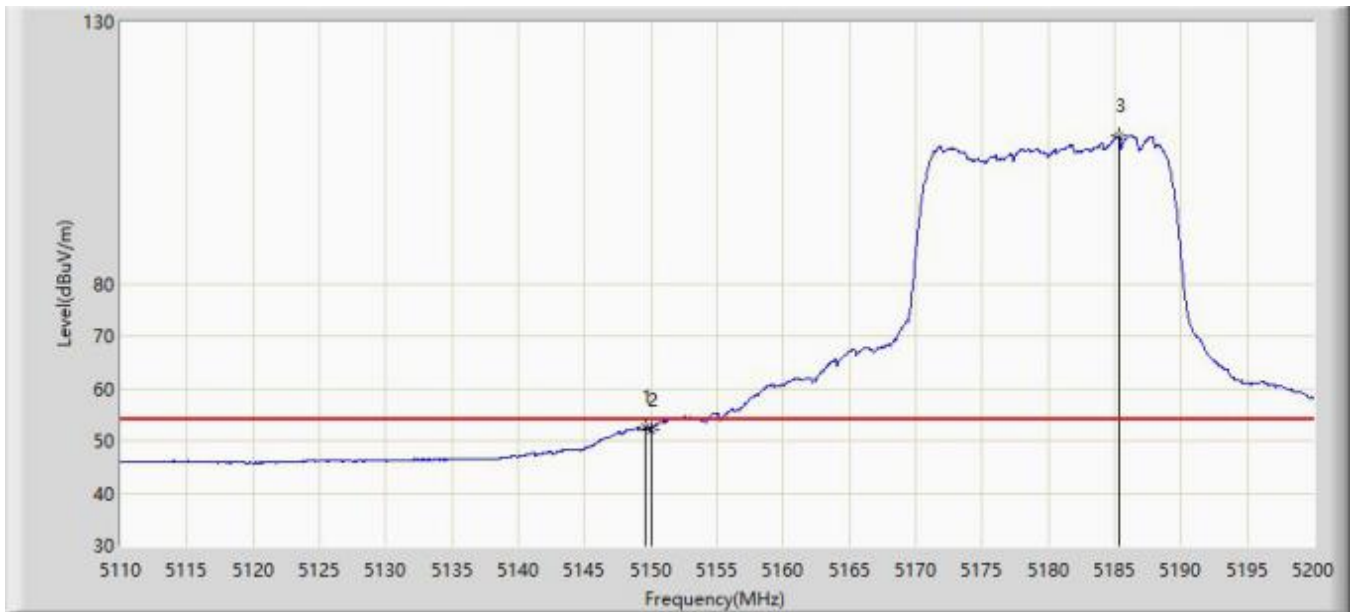
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.600	52.582	48.555	-1.418	54.000	4.027	AV
2			5150.000	52.160	48.133	-1.840	54.000	4.027	AV
3	X	*	5185.330	108.182	104.320	N/A	N/A	3.863	AV

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

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

| Site: AC2	Time: 2019/10/04 - 16:08
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN 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	65.317	61.291	-8.683	74.000	4.027	PK
2			5150.000	64.141	60.114	-9.859	74.000	4.027	PK
3		*	5177.365	115.376	111.454	N/A	N/A	3.922	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: AC2	Time: 2019/10/04 - 16:08
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN 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	49.456	45.429	-4.544	54.000	4.027	AV
2		*	5177.545	105.059	101.139	N/A	N/A	3.920	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: AC2	Time: 2020/02/02 - 11:50
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5240MHz	
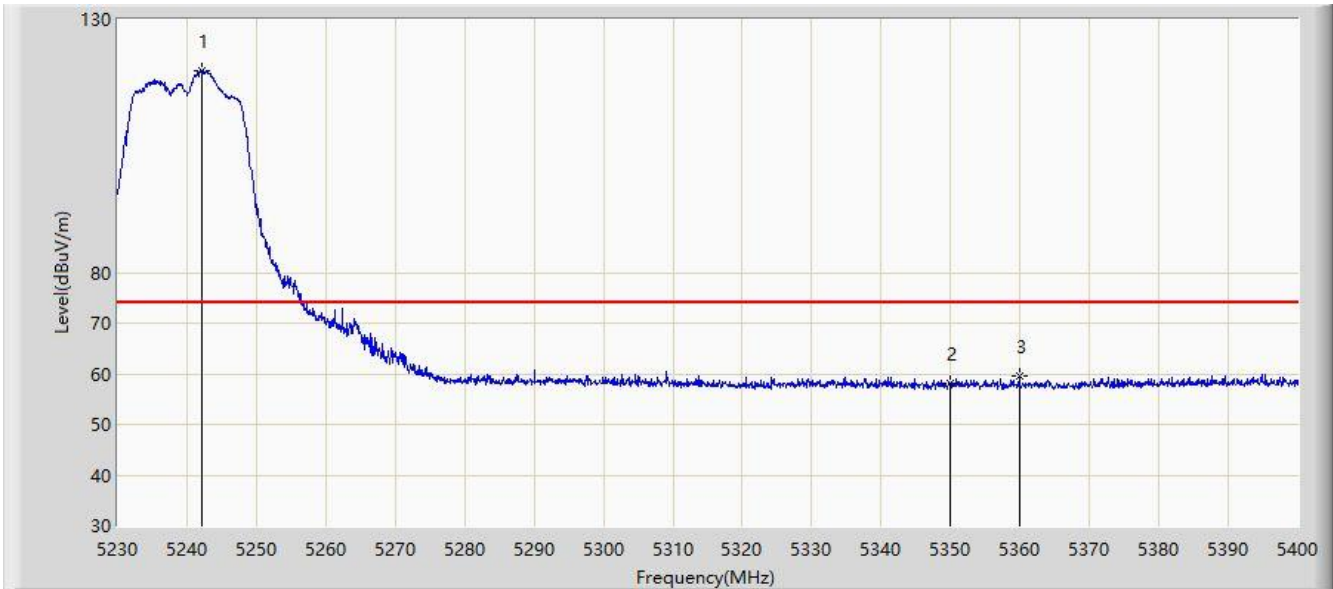
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5242.155	119.971	116.060	N/A	N/A	3.910	PK
2			5350.000	58.069	53.892	-15.931	74.000	4.177	PK
3			5359.965	59.593	55.377	-14.407	74.000	4.216	PK

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

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

|	
Site: AC2	Time: 2020/02/02 - 14:48
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5240MHz	
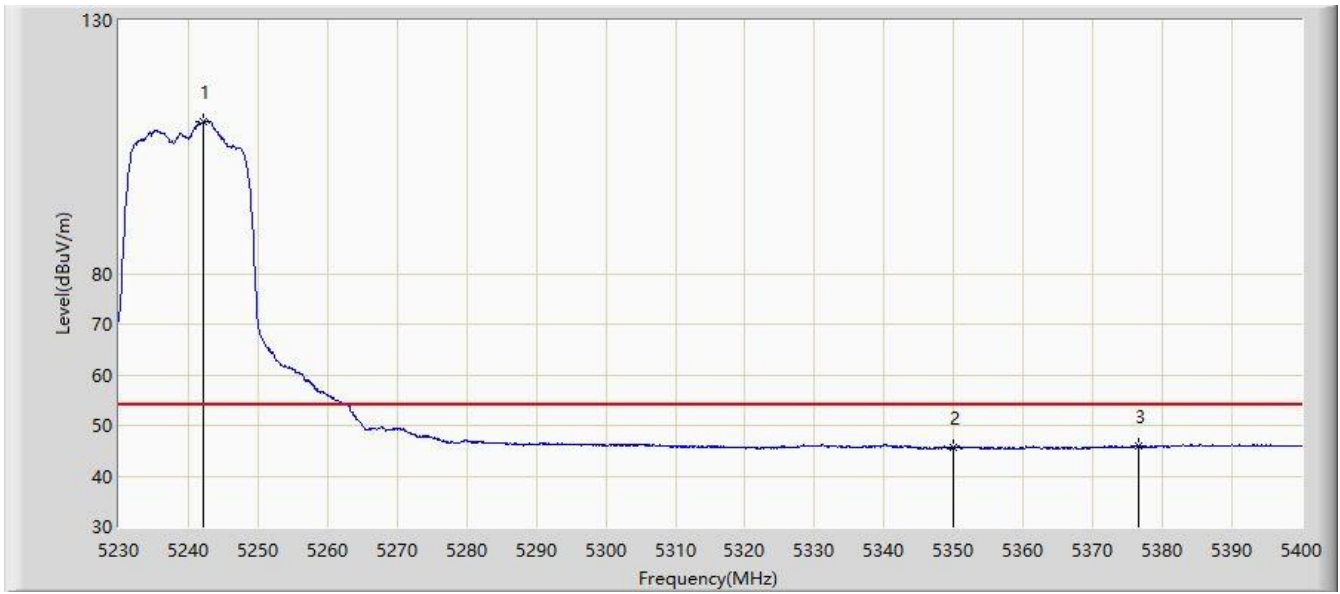
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	5242.240	109.999	106.087	N/A	N/A	3.912	AV
2			5350.000	45.542	41.365	-8.458	54.000	4.177	AV
3			5376.540	46.013	41.605	-7.987	54.000	4.408	AV

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

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

| Site: AC2	Time: 2020/02/02 - 14:59
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5240MHz	
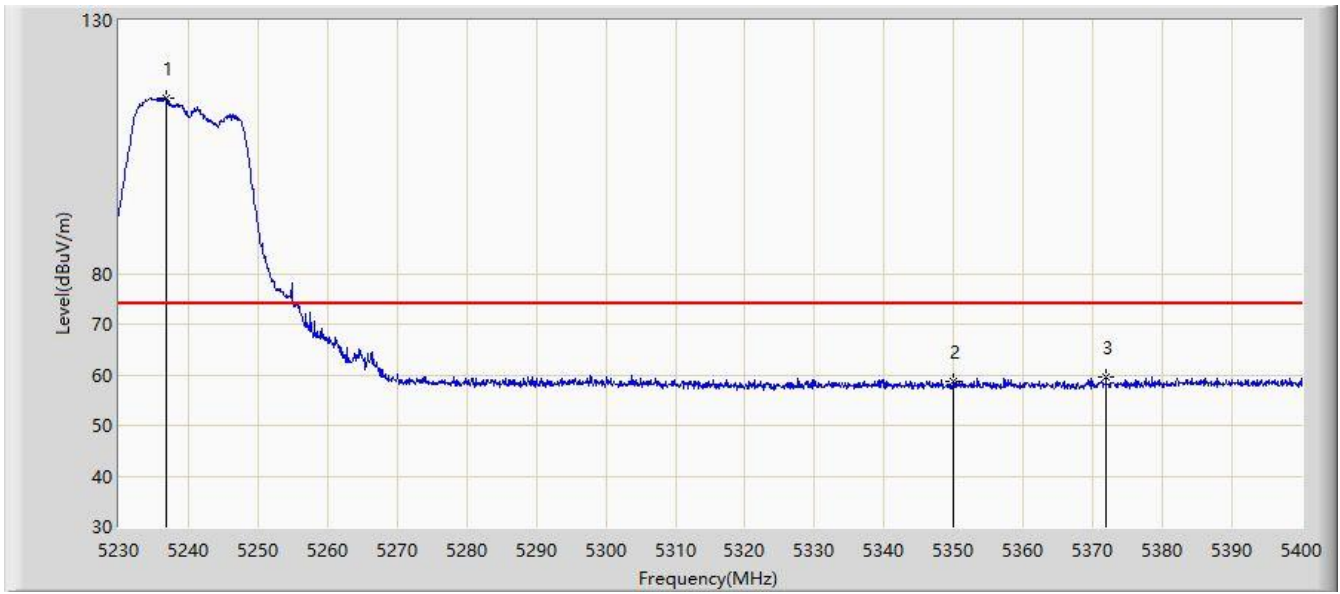
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5236.800	114.691	110.866	N/A	N/A	3.825	PK
2			5350.000	58.559	54.382	-15.441	74.000	4.177	PK
3			5371.865	59.494	55.187	-14.506	74.000	4.306	PK

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

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

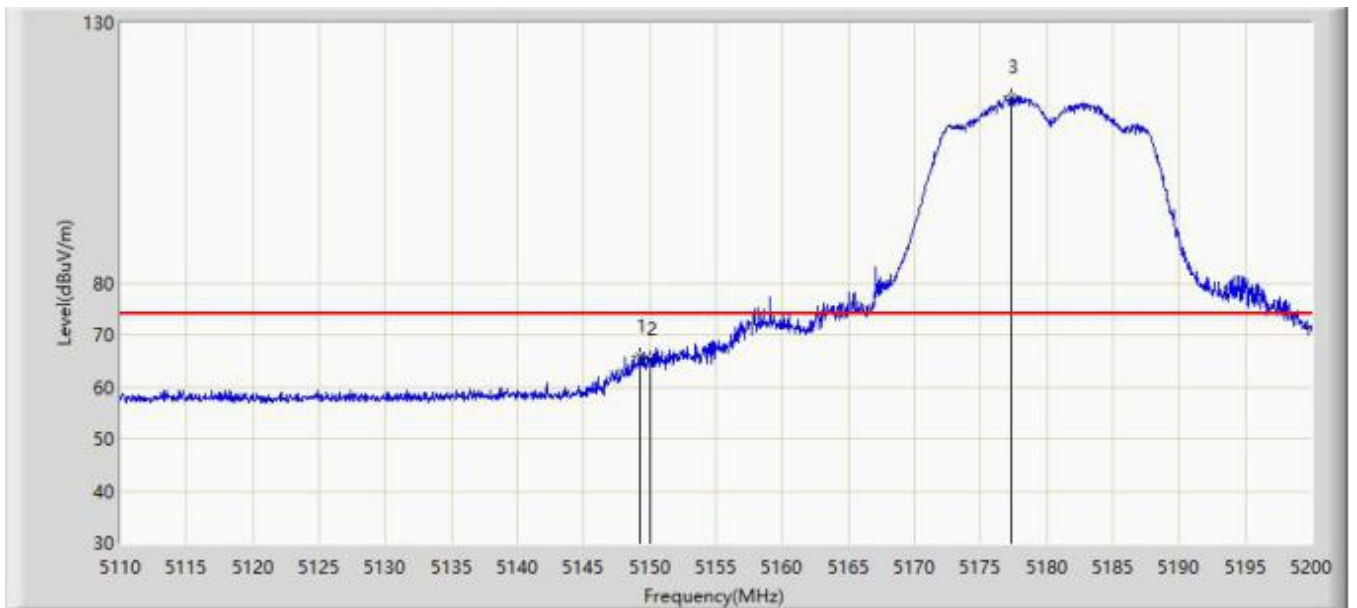| Site: AC2	Time: 2020/02/02 - 15:05
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5240MHz	
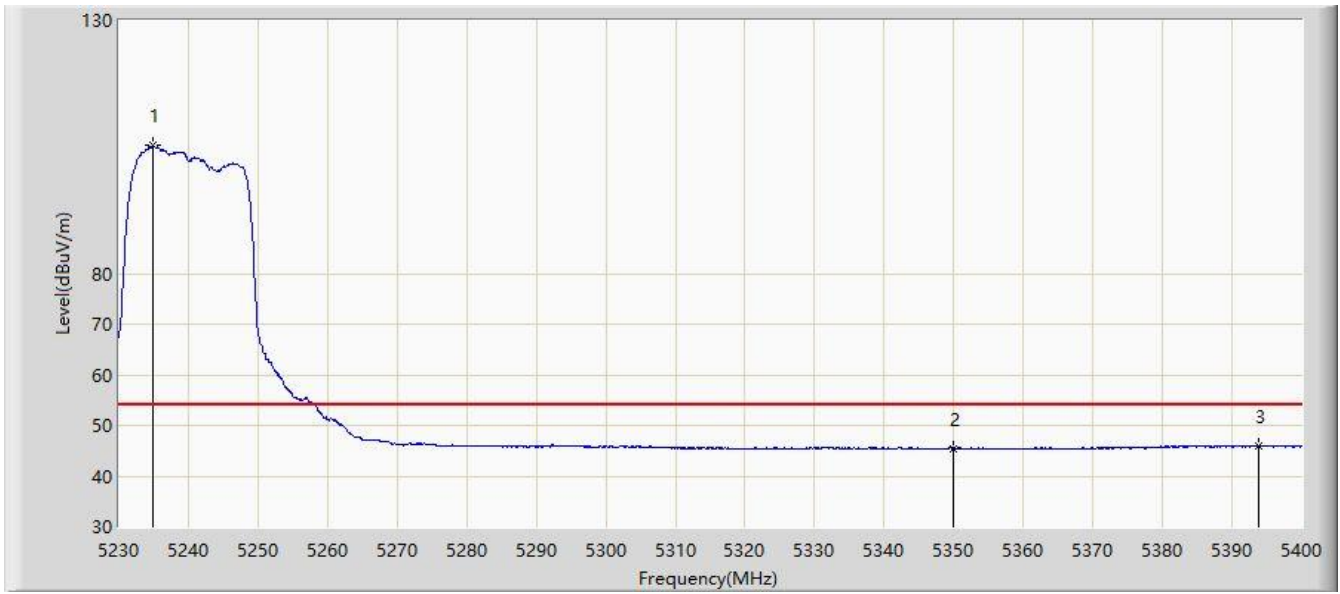
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5234.930	105.243	101.448	N/A	N/A	3.795	AV
2			5350.000	45.492	41.315	-8.508	54.000	4.177	AV
3			5393.795	46.026	41.389	-7.974	54.000	4.637	AV

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

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

Site: AC2	Time: 2019/10/04 - 15:22
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	
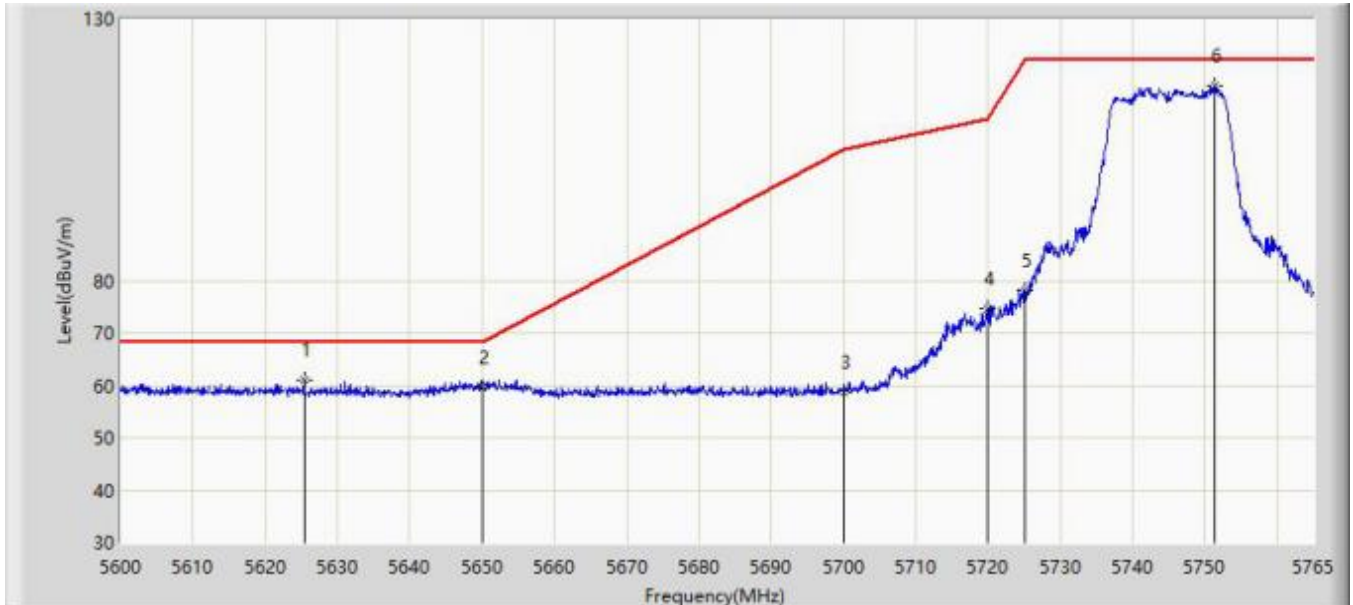
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5625.410	60.898	56.305	-7.302	68.200	4.594	PK
2			5650.000	59.676	55.207	-8.524	68.200	4.469	PK
3			5700.000	58.756	54.091	-46.444	105.200	4.665	PK
4			5720.000	74.579	69.682	-36.221	110.800	4.898	PK
5			5725.000	78.181	73.160	-44.019	122.200	5.021	PK
6		*	5751.305	117.367	112.259	N/A	N/A	5.108	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: AC2	Time: 2019/10/04 - 15:25
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz	
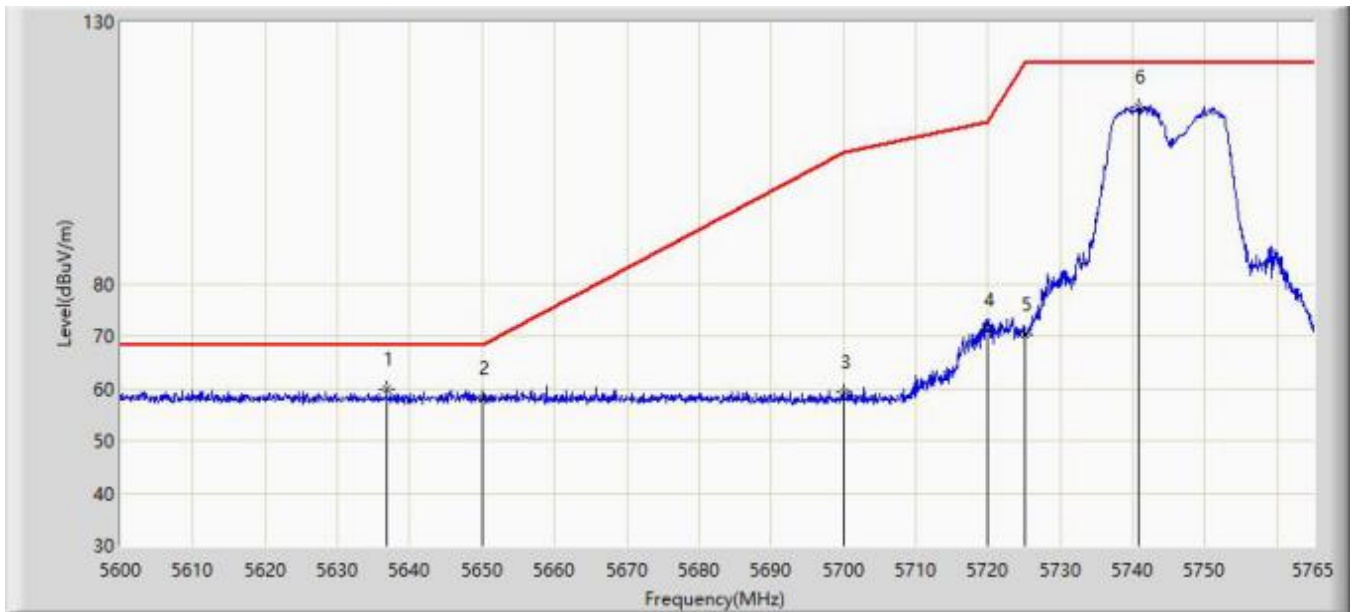
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5636.795	59.793	55.363	-8.407	68.200	4.430	PK
2			5650.000	58.093	53.624	-10.107	68.200	4.469	PK
3			5700.000	59.252	54.587	-45.948	105.200	4.665	PK
4			5720.000	71.169	66.272	-39.631	110.800	4.898	PK
5			5725.000	70.375	65.354	-51.825	122.200	5.021	PK
6		*	5740.910	113.811	108.720	N/A	N/A	5.092	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: AC2	Time: 2019/10/04 - 15:26
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	
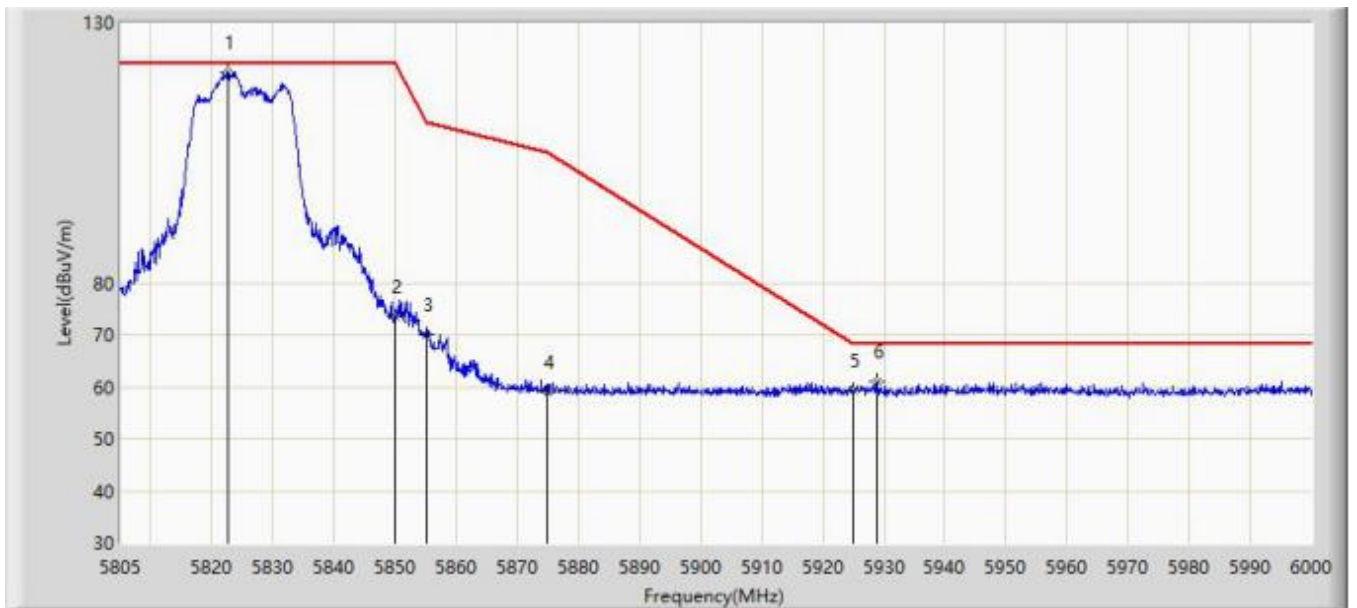
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.550	120.554	114.811	N/A	N/A	5.744	PK
2			5850.000	73.503	67.338	-48.697	122.200	6.166	PK
3			5855.000	69.883	63.718	-40.917	110.800	6.165	PK
4			5875.000	59.118	53.002	-46.082	105.200	6.116	PK
5			5925.000	59.251	53.393	-8.949	68.200	5.858	PK
6			5928.825	60.922	55.066	-7.278	68.200	5.856	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: AC2	Time: 2019/10/04 - 15:29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	
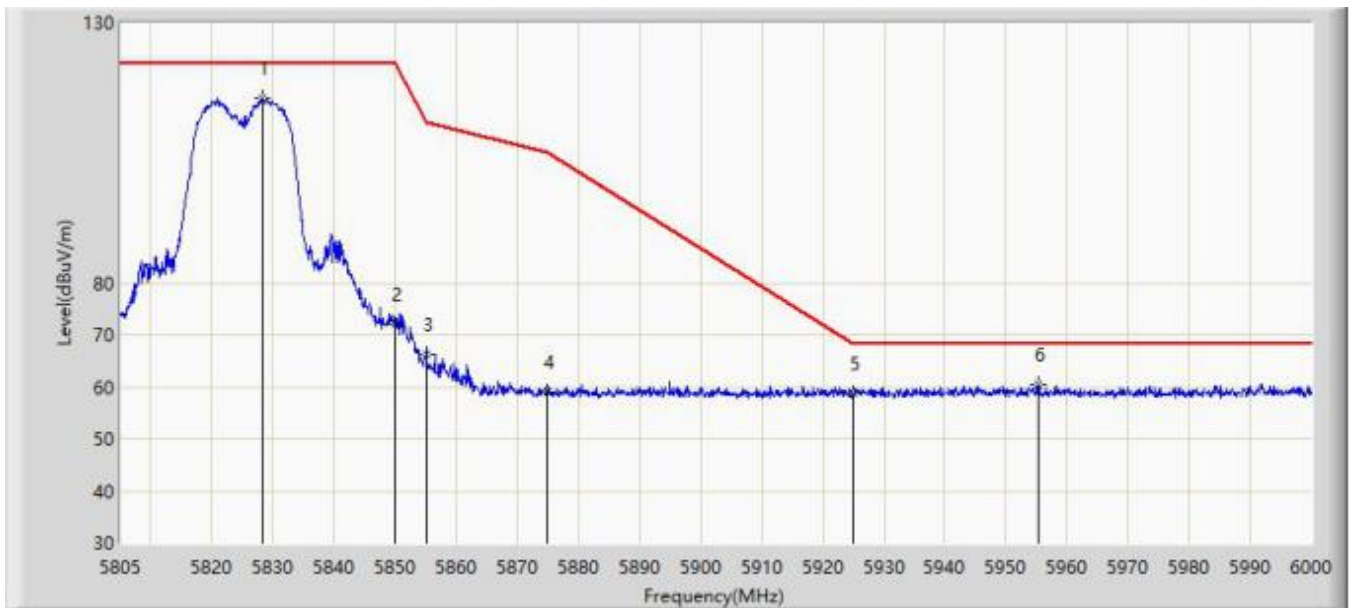
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.303	115.402	109.577	N/A	N/A	5.825	PK
2			5850.000	72.078	65.913	-50.122	122.200	6.166	PK
3			5855.000	66.363	60.198	-44.437	110.800	6.165	PK
4			5875.000	58.950	52.834	-46.250	105.200	6.116	PK
5			5925.000	58.732	52.874	-9.468	68.200	5.858	PK
6			5955.345	60.568	54.624	-7.632	68.200	5.943	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: AC2	Time: 2019/10/04 - 15:57
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	
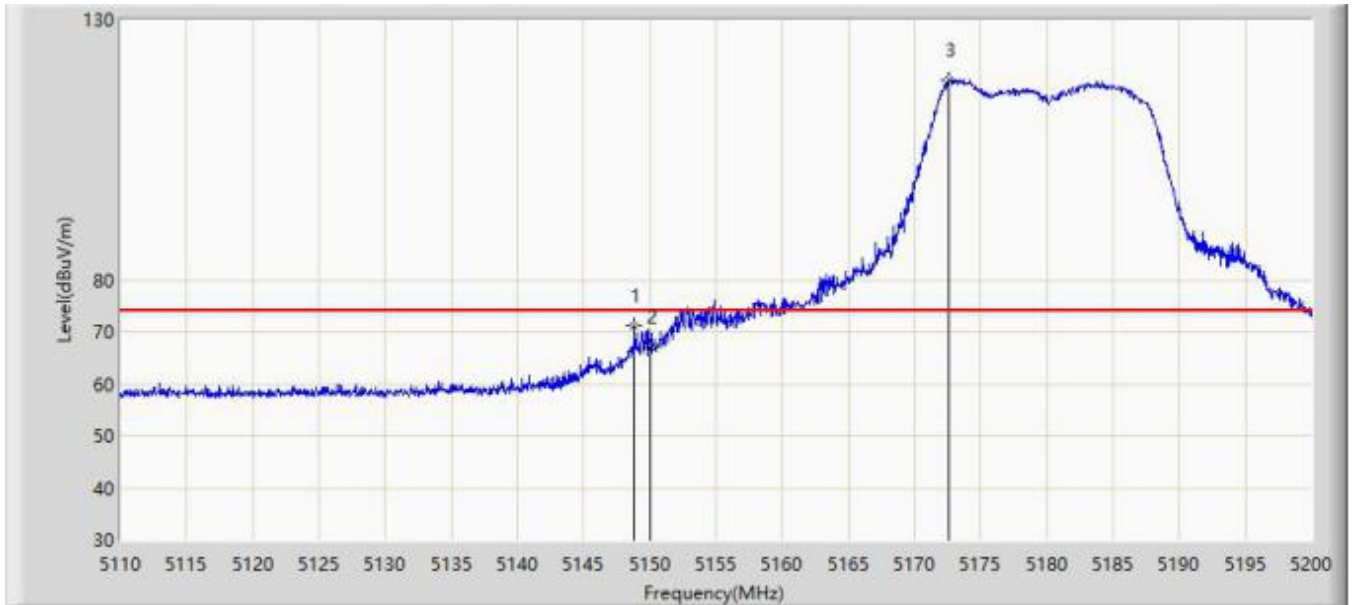
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.790	71.074	67.048	-2.926	74.000	4.026	PK
2			5150.000	67.004	62.977	-6.996	74.000	4.027	PK
3		*	5172.640	118.368	114.407	N/A	N/A	3.960	PK

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

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

| Site: AC2	Time: 2019/10/04 - 15:59
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	
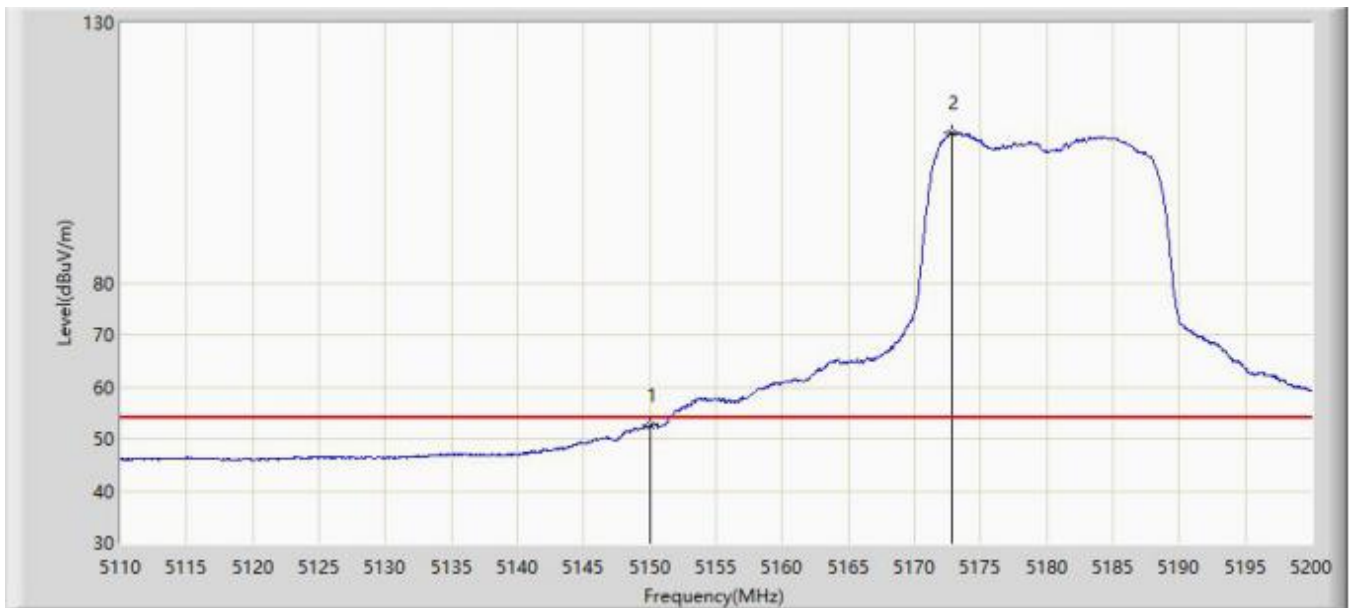
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.481	48.454	-1.519	54.000	4.027	AV
2	X	*	5172.775	108.791	104.832	N/A	N/A	3.960	AV

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

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

| Site: AC2	Time: 2019/10/04 - 16:01
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.195	66.017	61.991	-7.983	74.000	4.026	PK
2			5150.000	65.326	61.299	-8.674	74.000	4.027	PK
3		*	5177.365	115.896	111.974	N/A	N/A	3.922	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: AC2	Time: 2019/10/04 - 16:01
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 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	50.018	45.991	-3.982	54.000	4.027	AV
2		*	5177.995	105.898	101.982	N/A	N/A	3.916	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: AC2	Time: 2020/02/02 - 15:09
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5240MHz	
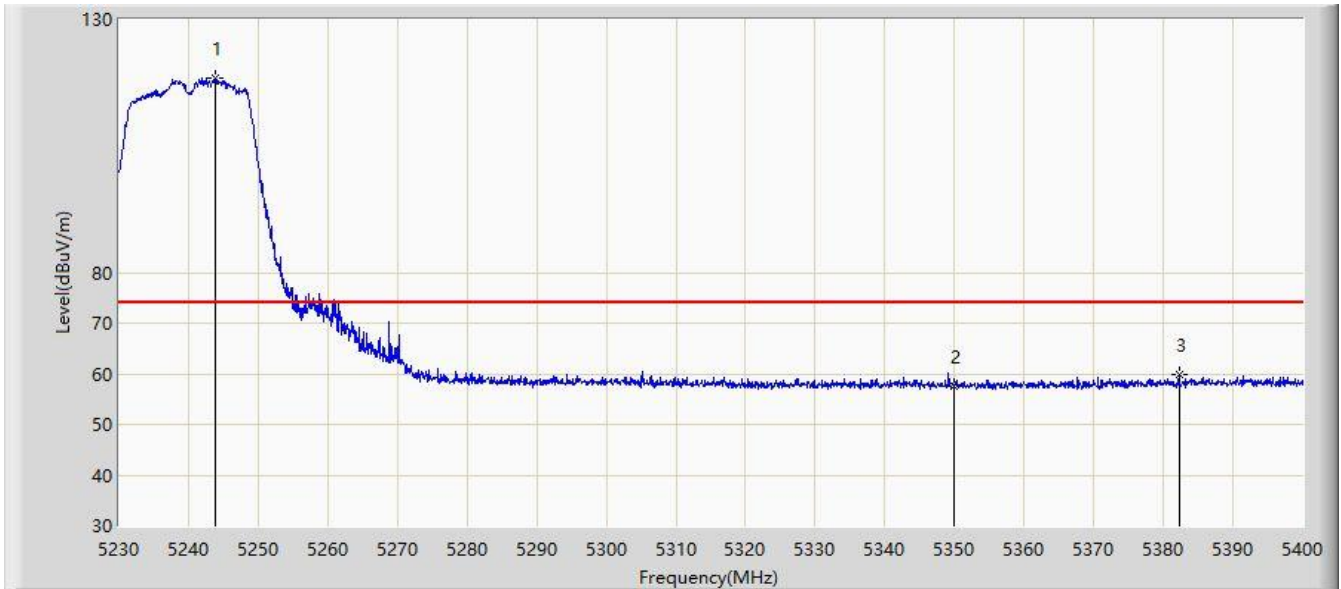
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5243.770	118.302	114.366	N/A	N/A	3.937	PK
2			5350.000	57.546	53.369	-16.454	74.000	4.177	PK
3			5382.235	59.888	55.358	-14.112	74.000	4.530	PK

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

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

| Site: AC2	Time: 2020/02/02 - 15:12
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5240MHz	
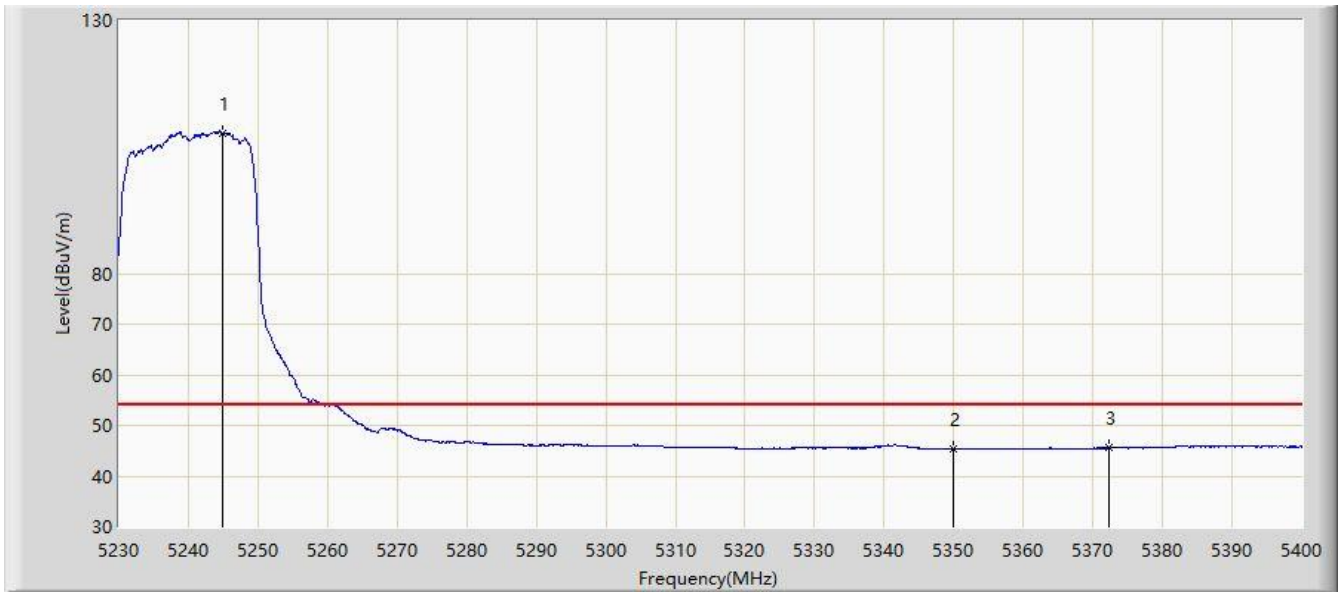
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5244.960	107.805	103.850	N/A	N/A	3.955	AV
2			5350.000	45.363	41.186	-8.637	54.000	4.177	AV
3			5372.375	45.527	41.209	-8.473	54.000	4.318	AV

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

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

| Site: AC2	Time: 2020/02/02 - 15:16
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5240MHz	
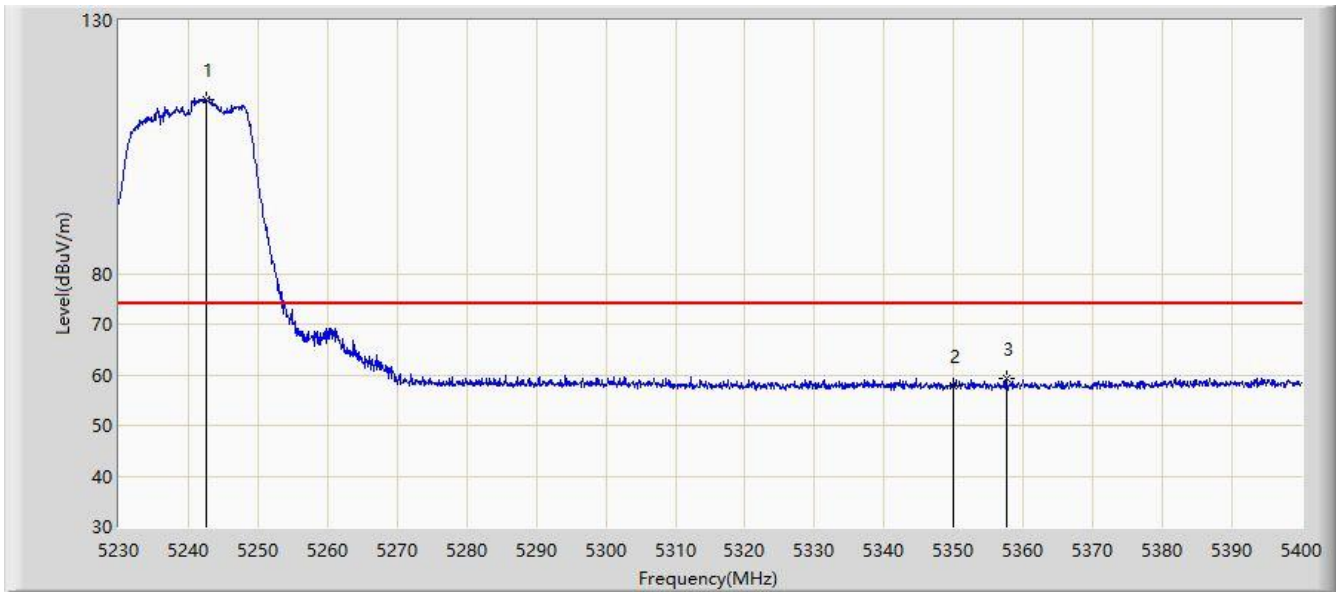
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5242.580	114.320	110.403	N/A	N/A	3.917	PK
2			5350.000	57.900	53.723	-16.100	74.000	4.177	PK
3			5357.500	59.174	54.966	-14.826	74.000	4.208	PK

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

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

| Site: AC2	Time: 2020/02/02 - 15:21
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5240MHz	
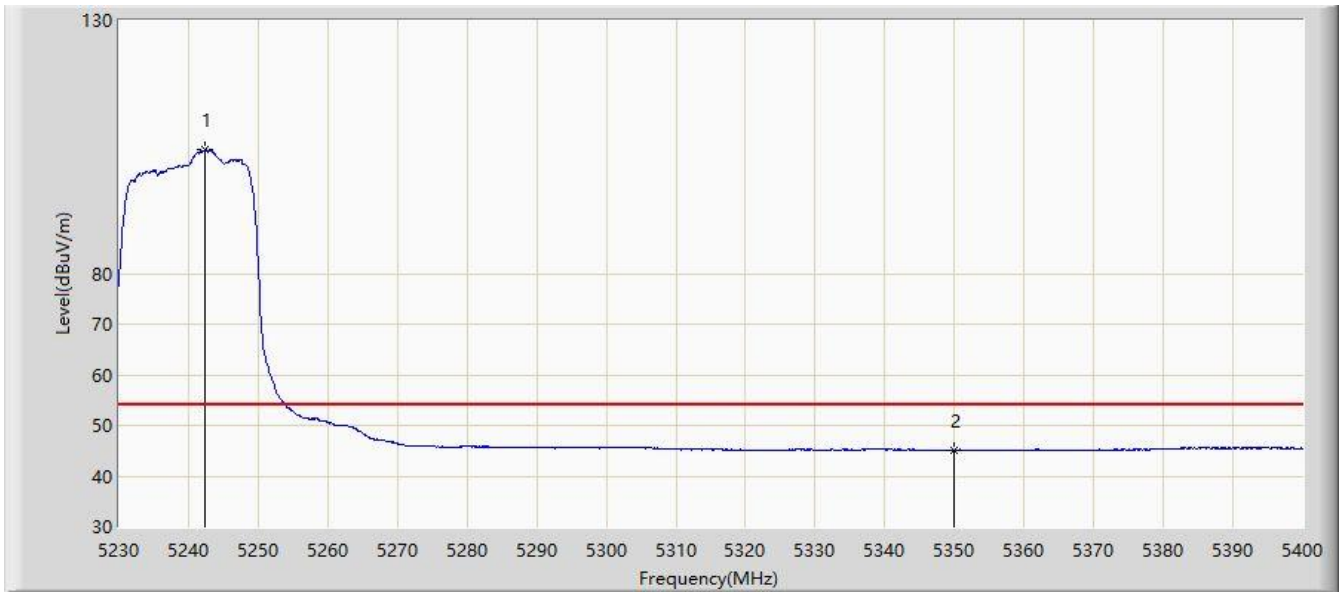
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5242.410	104.386	100.471	N/A	N/A	3.915	AV
2			5350.000	45.104	40.927	-8.896	54.000	4.177	AV

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

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

| Site: AC2	Time: 2019/10/04 - 15:40
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz	
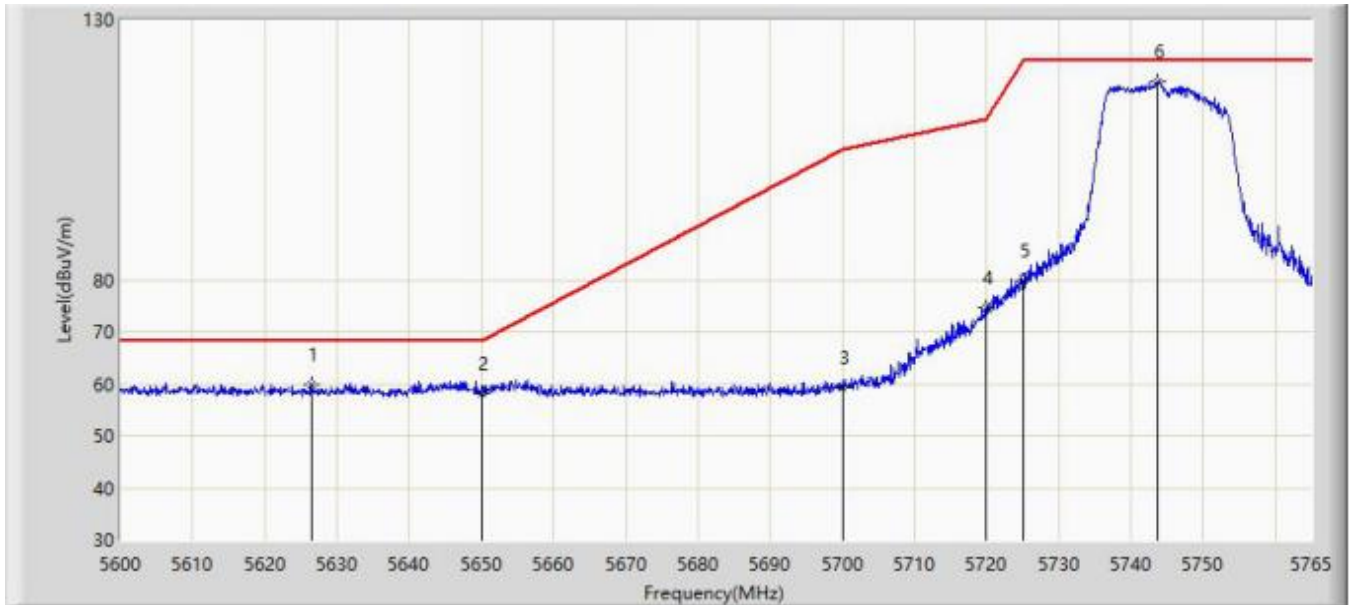
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5626.400	59.836	55.257	-8.364	68.200	4.579	PK
2			5650.000	58.001	53.532	-10.199	68.200	4.469	PK
3			5700.000	59.281	54.616	-45.919	105.200	4.665	PK
4			5720.000	74.752	69.855	-36.048	110.800	4.898	PK
5			5725.000	79.743	74.722	-42.457	122.200	5.021	PK
6		*	5743.797	118.097	112.999	N/A	N/A	5.098	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: AC2	Time: 2019/10/04 - 15:41
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz	
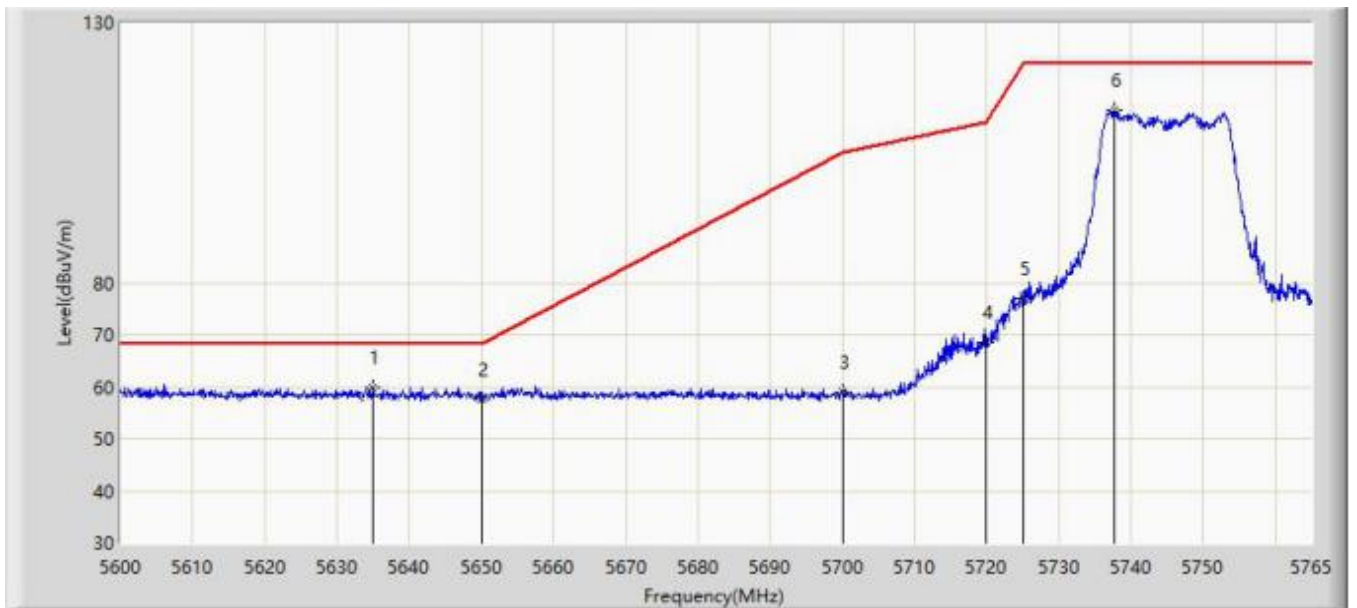
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5634.897	59.765	55.308	-8.435	68.200	4.457	PK
2			5650.000	57.531	53.062	-10.669	68.200	4.469	PK
3			5700.000	58.992	54.327	-46.208	105.200	4.665	PK
4			5720.000	68.593	63.696	-42.207	110.800	4.898	PK
5			5725.000	76.977	71.956	-45.223	122.200	5.021	PK
6			5737.692	113.108	108.026	N/A	N/A	5.082	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: AC2	Time: 2019/10/04 - 15:43
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz	
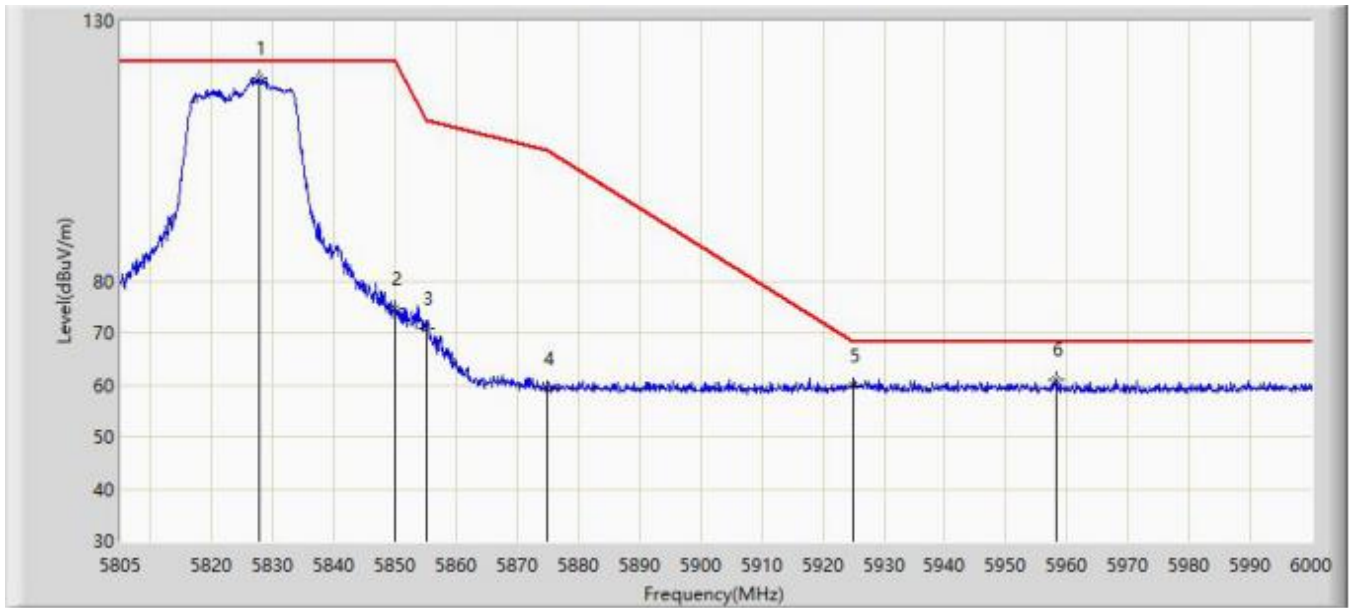
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.815	118.857	113.041	N/A	N/A	5.816	PK
2			5850.000	74.581	68.416	-47.619	122.200	6.166	PK
3			5855.000	70.877	64.712	-39.923	110.800	6.165	PK
4			5875.000	59.227	53.111	-45.973	105.200	6.116	PK
5			5925.000	59.981	54.123	-8.219	68.200	5.858	PK
6			5958.172	60.939	55.039	-7.261	68.200	5.900	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: AC2	Time: 2019/10/04 - 15:46
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz	
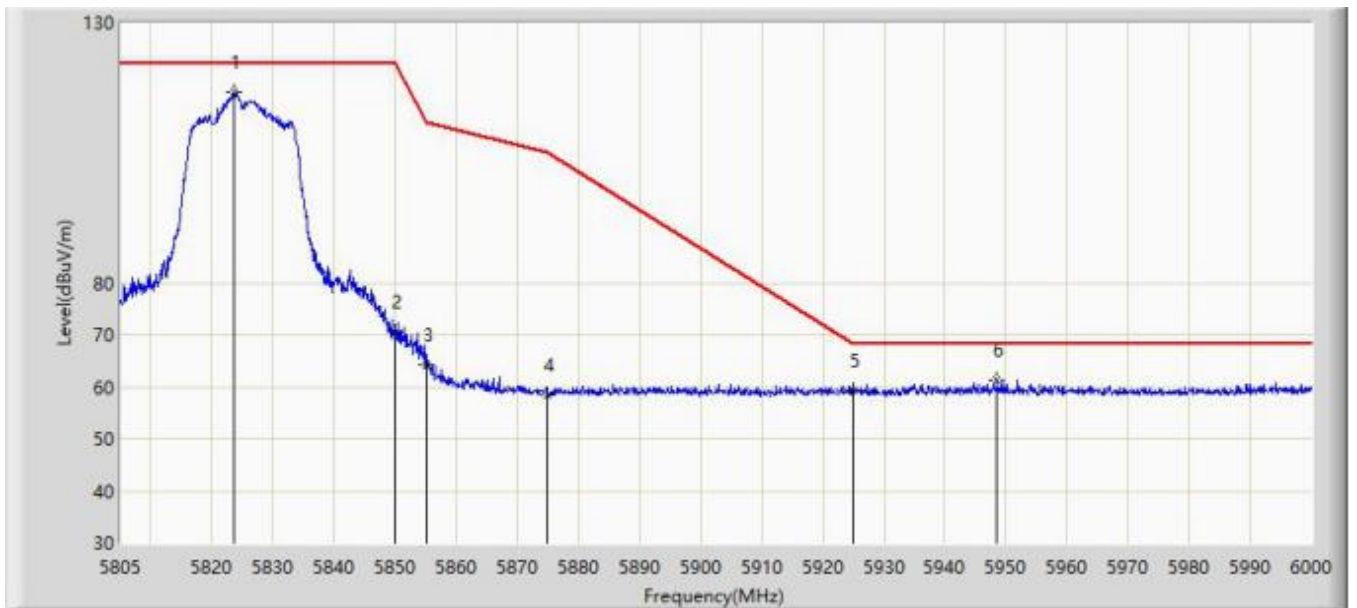
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.525	116.735	110.978	N/A	N/A	5.757	PK
2			5850.000	70.437	64.272	-51.763	122.200	6.166	PK
3			5855.000	64.302	58.137	-46.498	110.800	6.165	PK
4			5875.000	58.435	52.319	-46.765	105.200	6.116	PK
5			5925.000	59.293	53.435	-8.907	68.200	5.858	PK
6			5948.422	61.433	55.378	-6.767	68.200	6.055	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: AC2	Time: 2019/10/04 - 16:22
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	
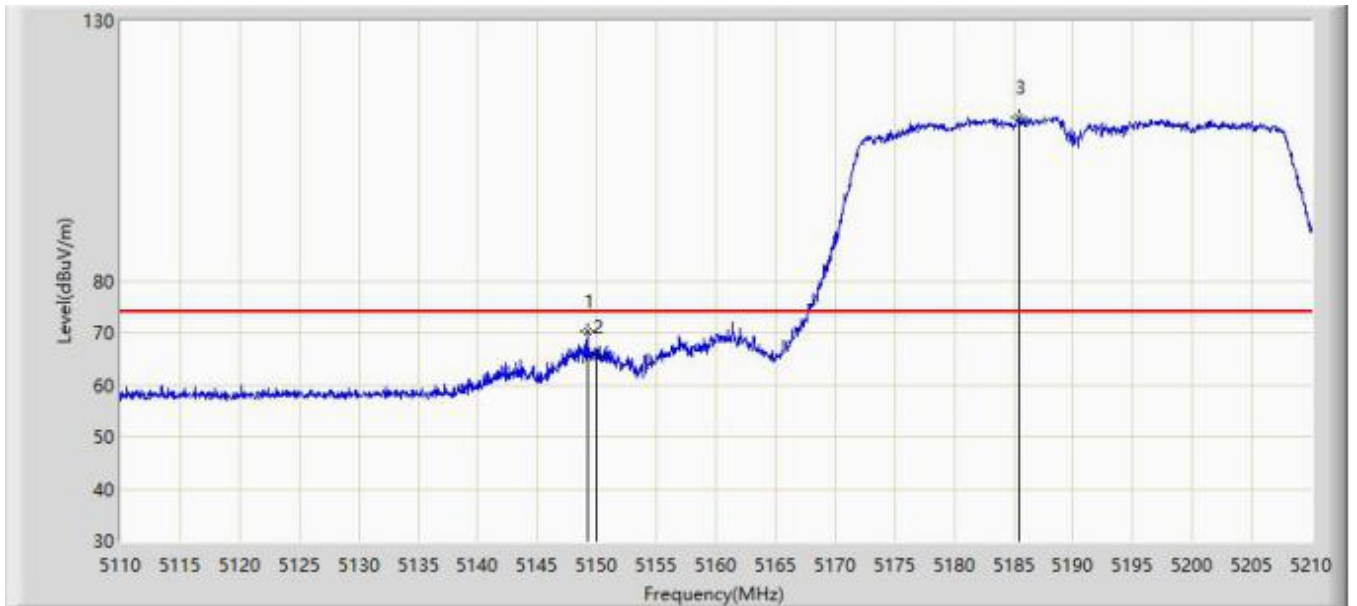
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.200	70.184	66.158	-3.816	74.000	4.026	PK
2			5150.000	65.230	61.203	-8.770	74.000	4.027	PK
3		*	5185.450	111.372	107.510	N/A	N/A	3.862	PK

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

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

| Site: AC2	Time: 2019/10/04 - 16:20
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	
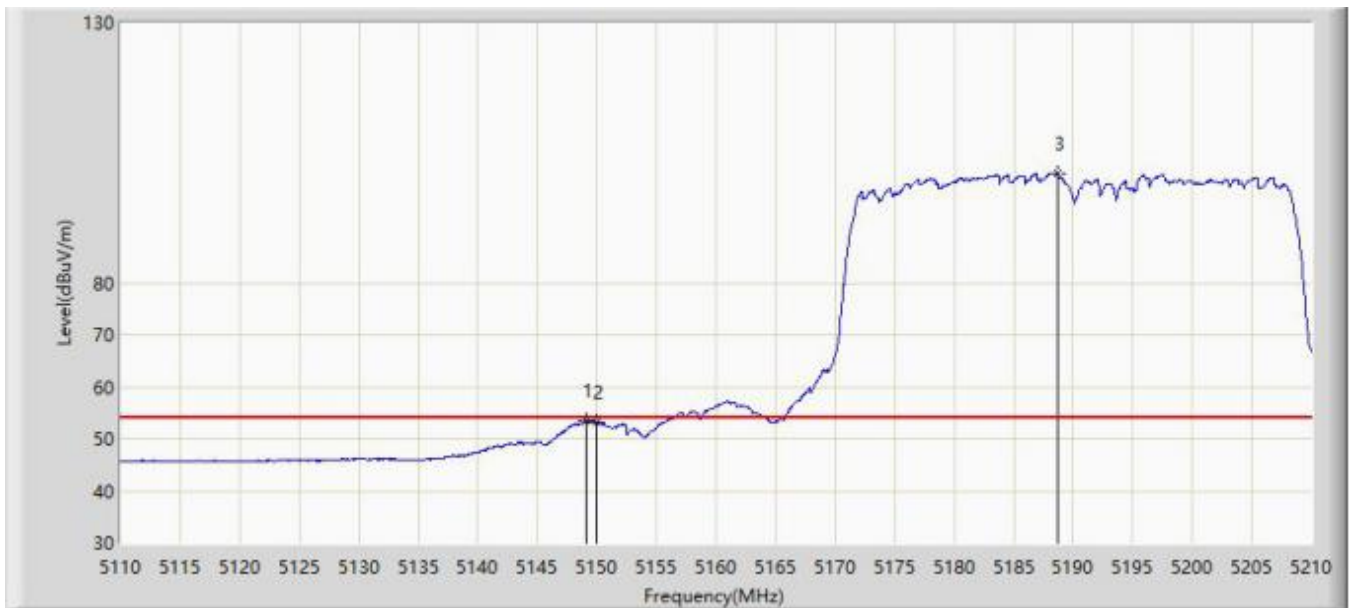
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.100	53.617	49.591	-0.383	54.000	4.026	AV
2			5150.000	53.125	49.098	-0.875	54.000	4.027	AV
3		*	5188.650	101.126	97.285	N/A	N/A	3.841	AV

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

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

| Site: AC2	Time: 2019/10/04 - 16:23
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	
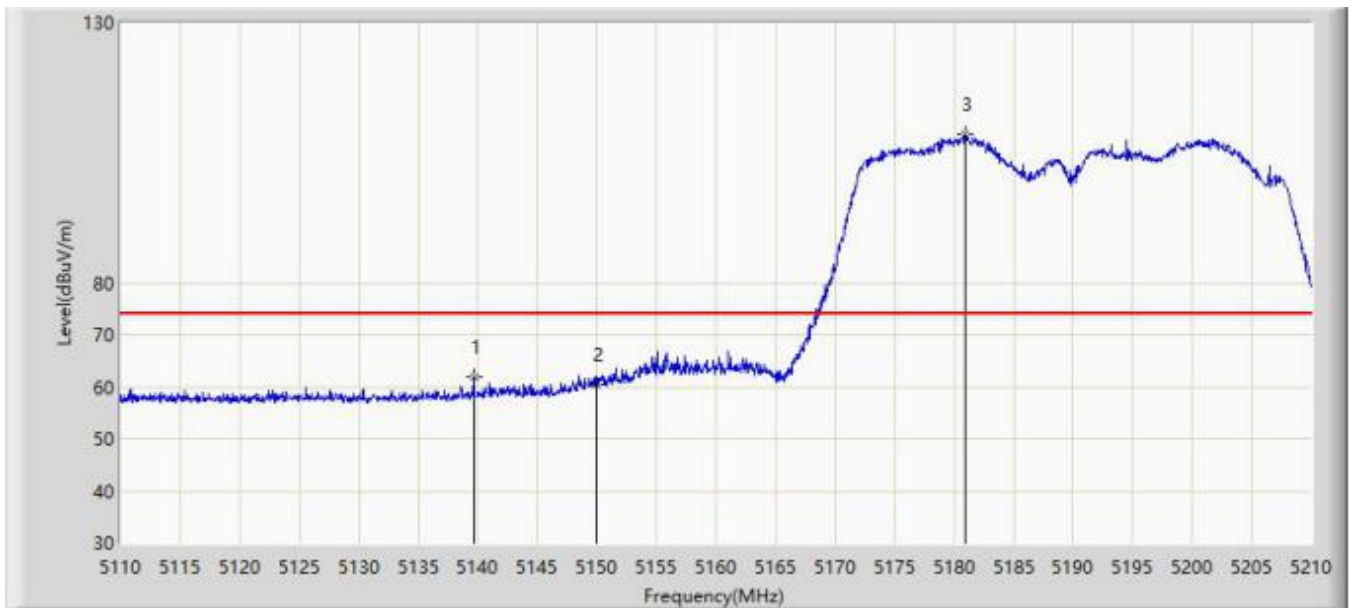
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.650	61.988	57.976	-12.012	74.000	4.013	PK
2			5150.000	60.481	56.454	-13.519	74.000	4.027	PK
3		*	5180.950	108.435	104.543	N/A	N/A	3.892	PK

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

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

| Site: AC2	Time: 2019/10/04 - 16:24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	
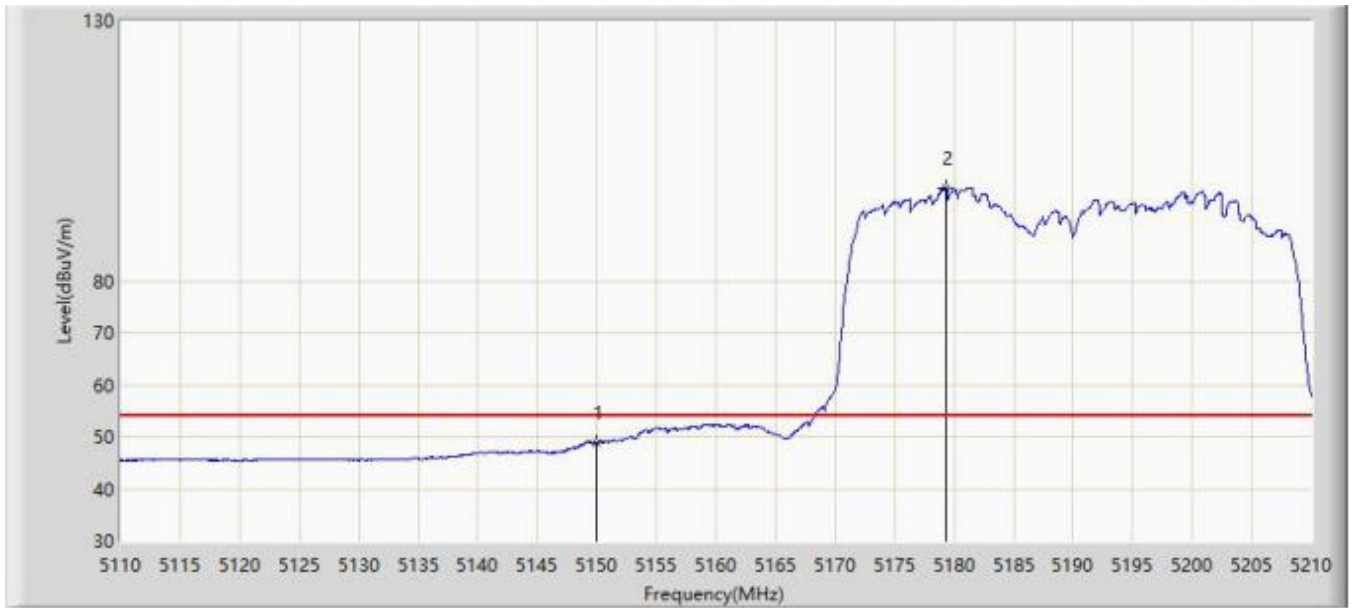
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.893	44.866	-5.107	54.000	4.027	AV
2		*	5179.350	97.885	93.980	N/A	N/A	3.905	AV

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

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

Site: AC2	Time: 2020/02/02 - 15:27
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5230MHz	
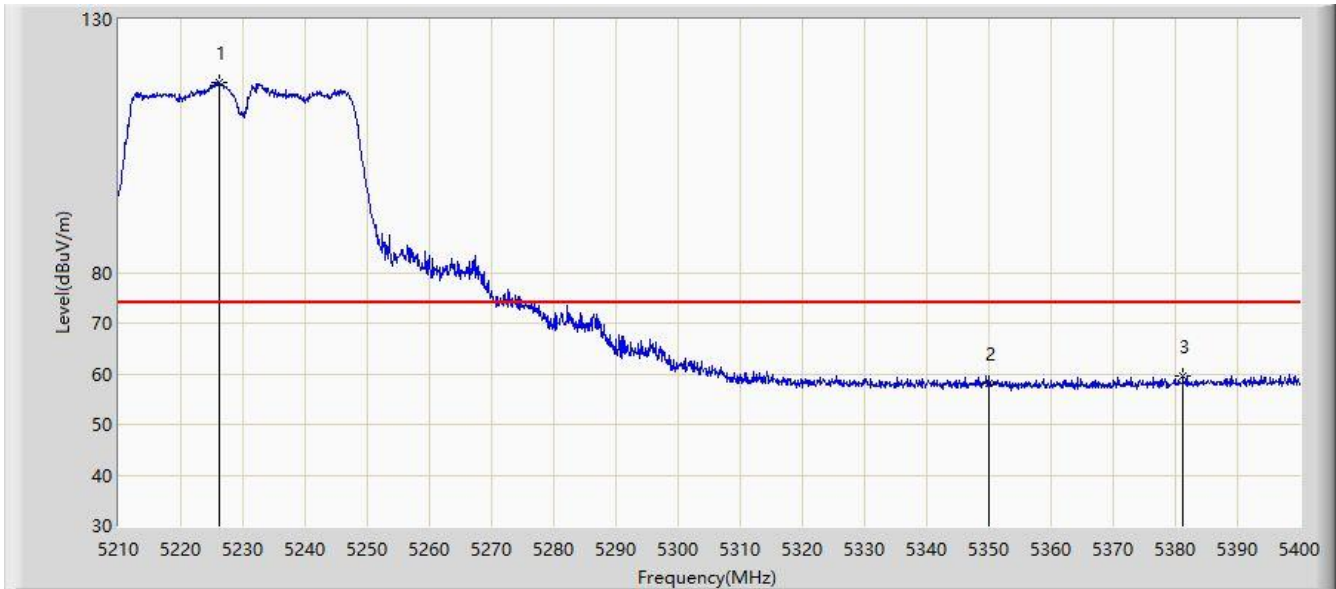
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5226.245	117.430	113.508	N/A	N/A	3.922	PK
2			5350.000	58.192	54.015	-15.808	74.000	4.177	PK
3			5381.190	59.526	55.018	-14.474	74.000	4.508	PK

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

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

| Site: AC2	Time: 2020/02/02 - 15:30
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5230MHz	
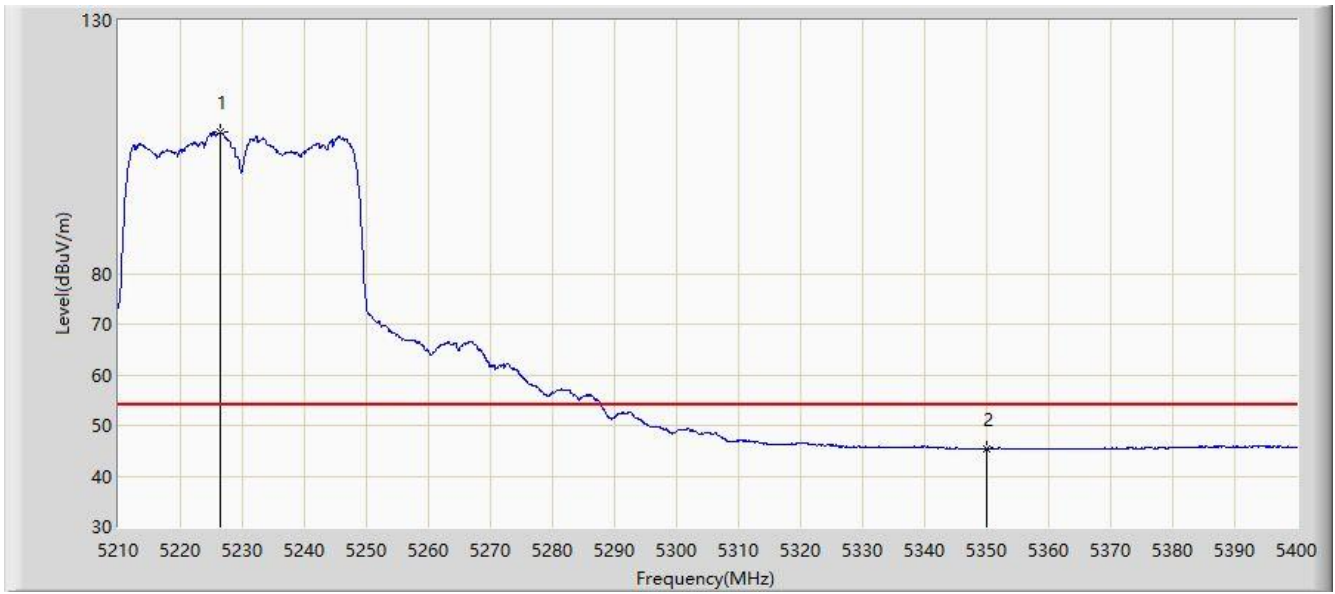
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5226.340	107.847	103.927	N/A	N/A	3.919	AV
2			5350.000	45.347	41.170	-8.653	54.000	4.177	AV

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

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

| Site: AC2	Time: 2020/02/02 - 15:34
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5230MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5236.980	113.094	109.266	N/A	N/A	3.828	PK
2			5350.000	58.367	54.190	-15.633	74.000	4.177	PK
3			5373.210	59.422	55.086	-14.578	74.000	4.335	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: AC2	Time: 2020/02/02 - 15:40
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5230MHz	
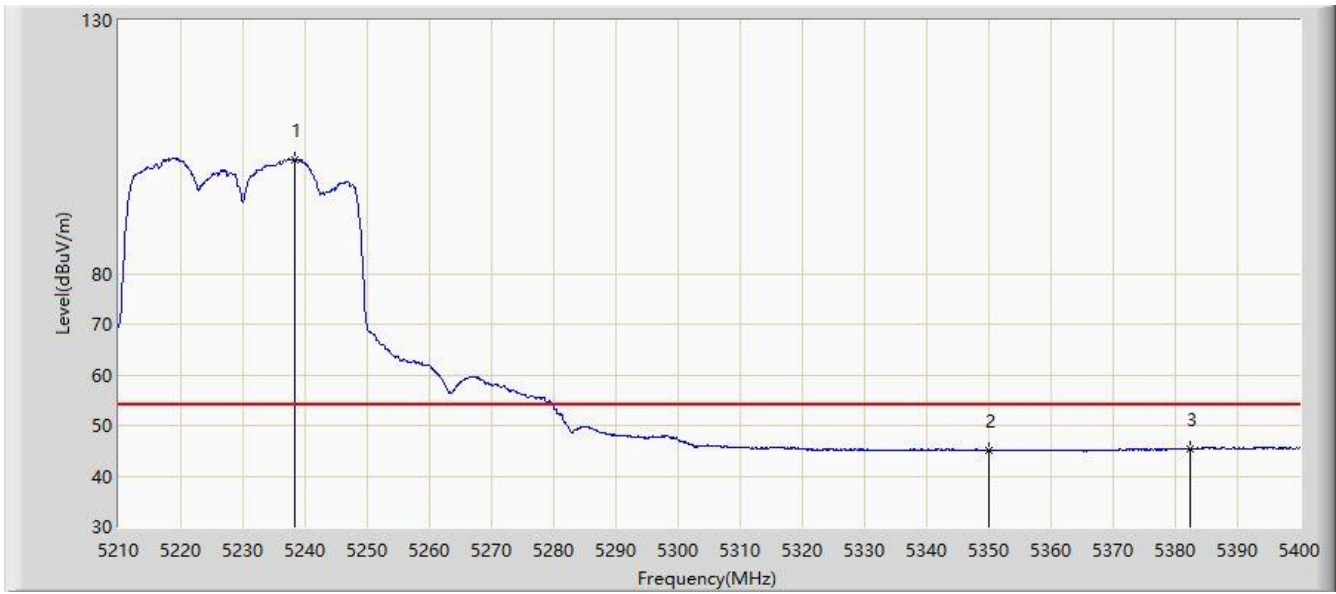
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5238.310	102.604	98.755	N/A	N/A	3.849	AV
2			5350.000	45.044	40.867	-8.956	54.000	4.177	AV
3			5382.425	45.423	40.889	-8.577	54.000	4.534	AV

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

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

Site: AC2	Time: 2019/10/04 - 16:53
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz	
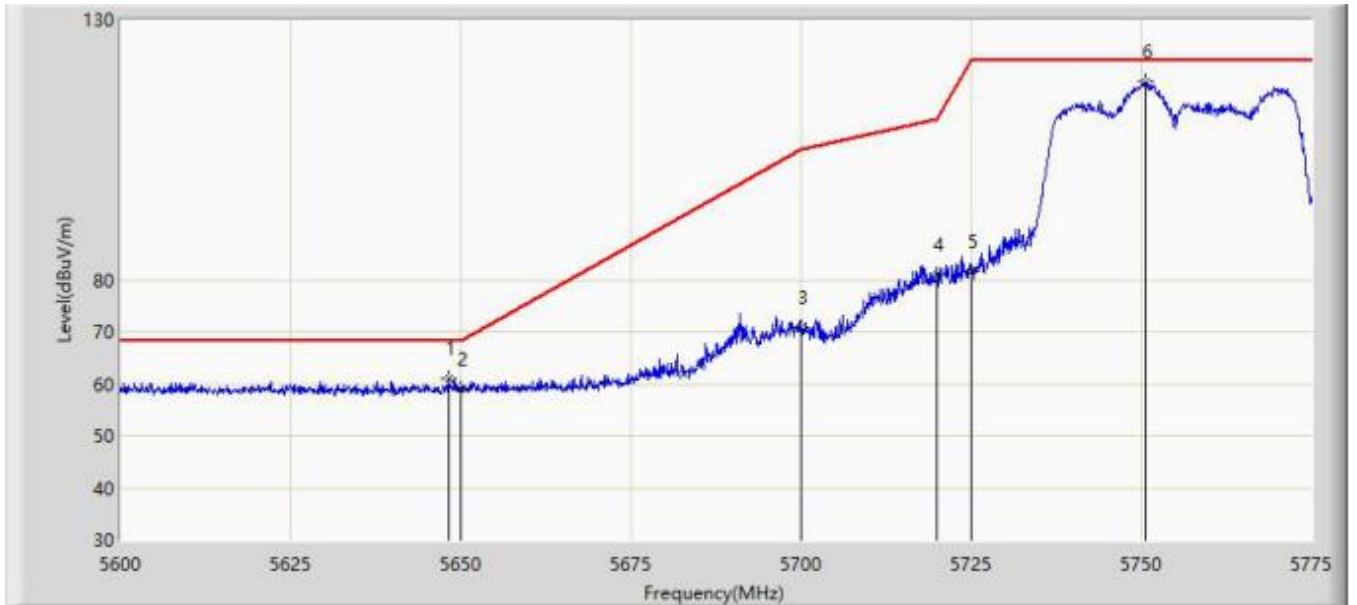
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5648.300	61.096	56.646	-7.104	68.200	4.449	PK
2			5650.000	59.066	54.597	-9.134	68.200	4.469	PK
3			5700.000	70.835	66.170	-34.365	105.200	4.665	PK
4			5720.000	80.870	75.973	-29.930	110.800	4.898	PK
5			5725.000	81.579	76.558	-40.621	122.200	5.021	PK
6		*	5750.587	118.051	112.944	N/A	N/A	5.107	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: AC2	Time: 2019/10/04 - 16:57
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz	
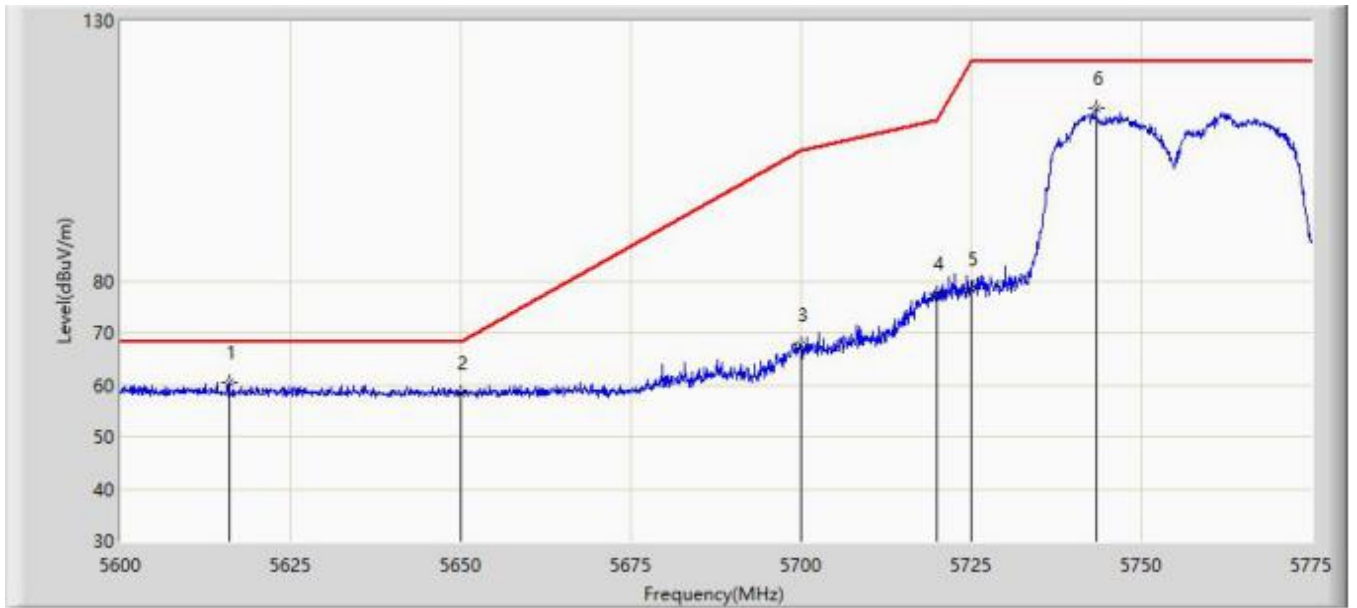
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5616.013	60.475	55.908	-7.725	68.200	4.568	PK
2			5650.000	58.283	53.814	-9.917	68.200	4.469	PK
3			5700.000	67.540	62.875	-37.660	105.200	4.665	PK
4			5720.000	77.414	72.517	-33.386	110.800	4.898	PK
5			5725.000	78.400	73.379	-43.800	122.200	5.021	PK
6			5743.413	113.234	108.136	N/A	N/A	5.098	PK

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

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

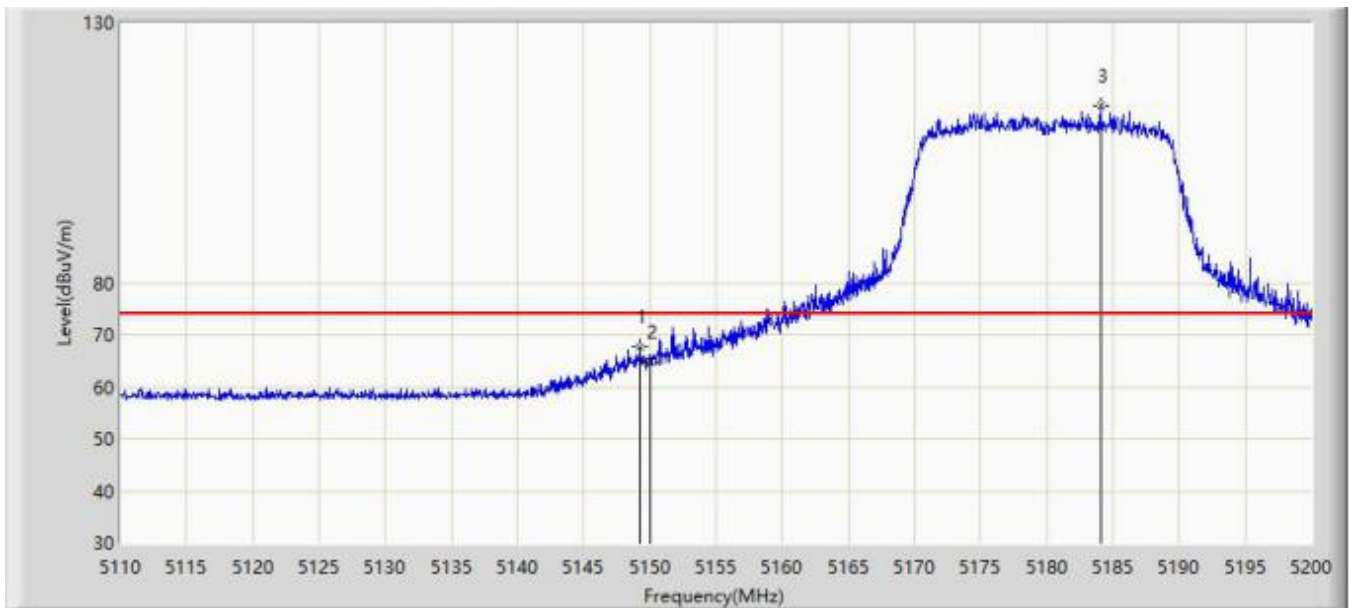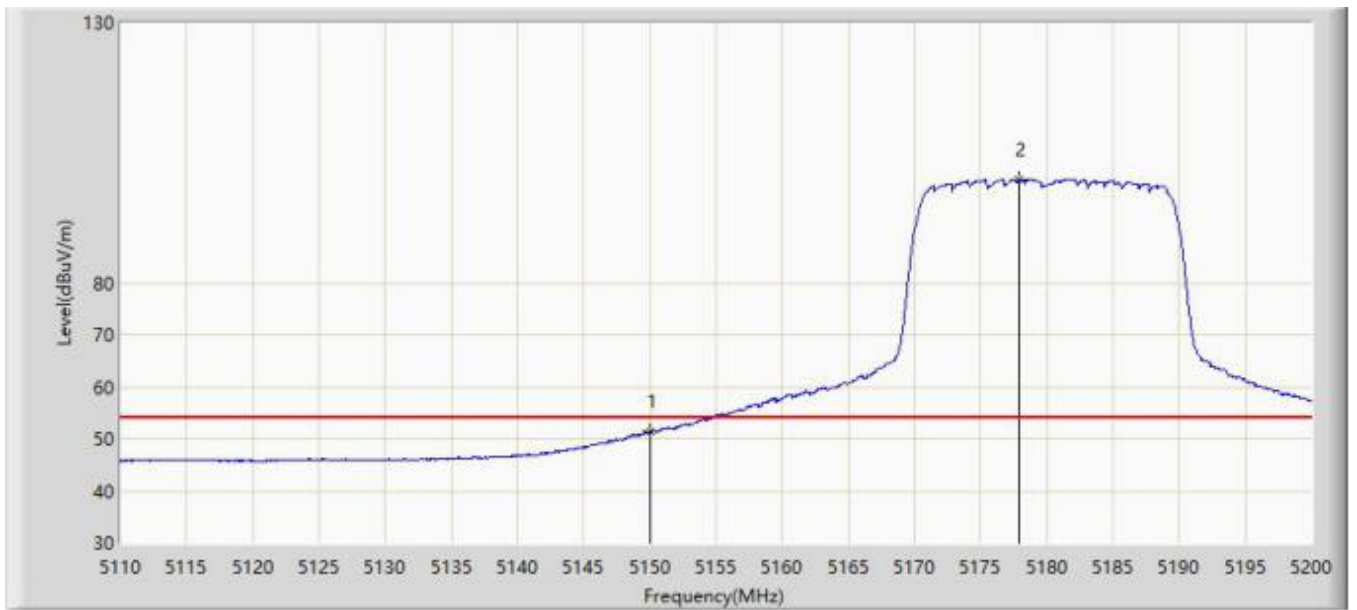| Site: AC2	Time: 2019/10/04 - 16:59
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz	
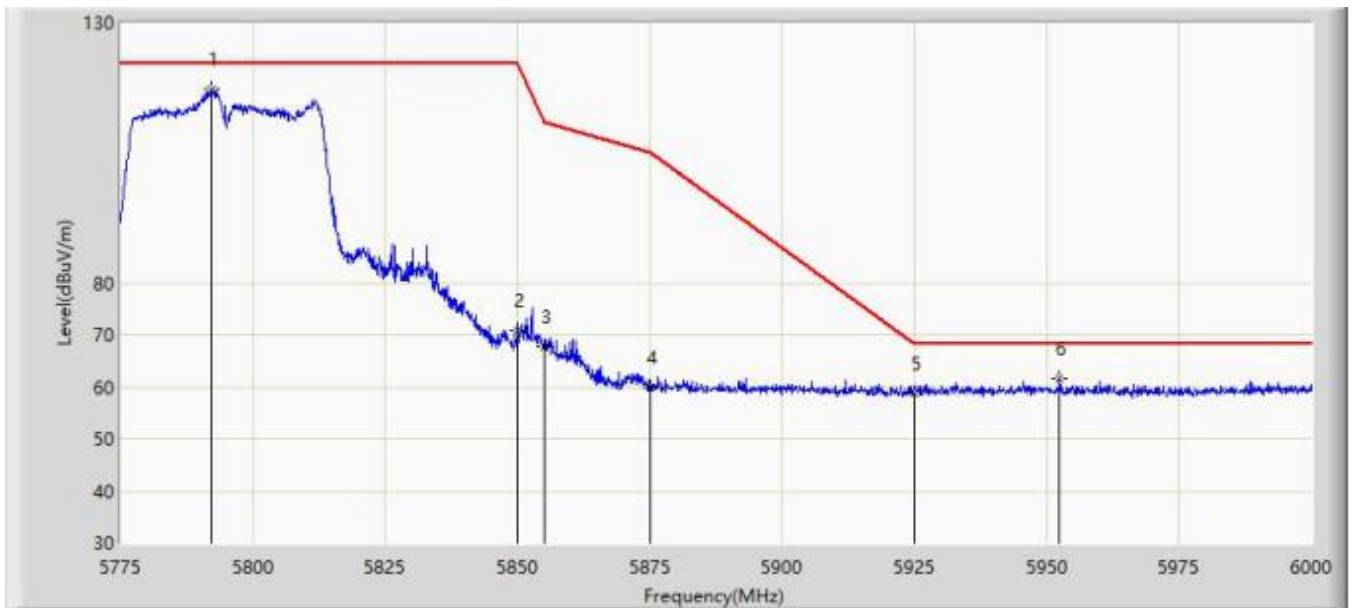
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5792.325	117.317	111.618	N/A	N/A	5.699	PK
2			5850.000	70.794	64.629	-51.406	122.200	6.166	PK
3			5855.000	67.734	61.569	-43.066	110.800	6.165	PK
4			5875.000	59.897	53.781	-45.303	105.200	6.116	PK
5			5925.000	58.782	52.924	-9.418	68.200	5.858	PK
6			5952.413	61.540	55.551	-6.660	68.200	5.990	PK

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

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

| Site: AC2	Time: 2019/10/04 - 17:01
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz	
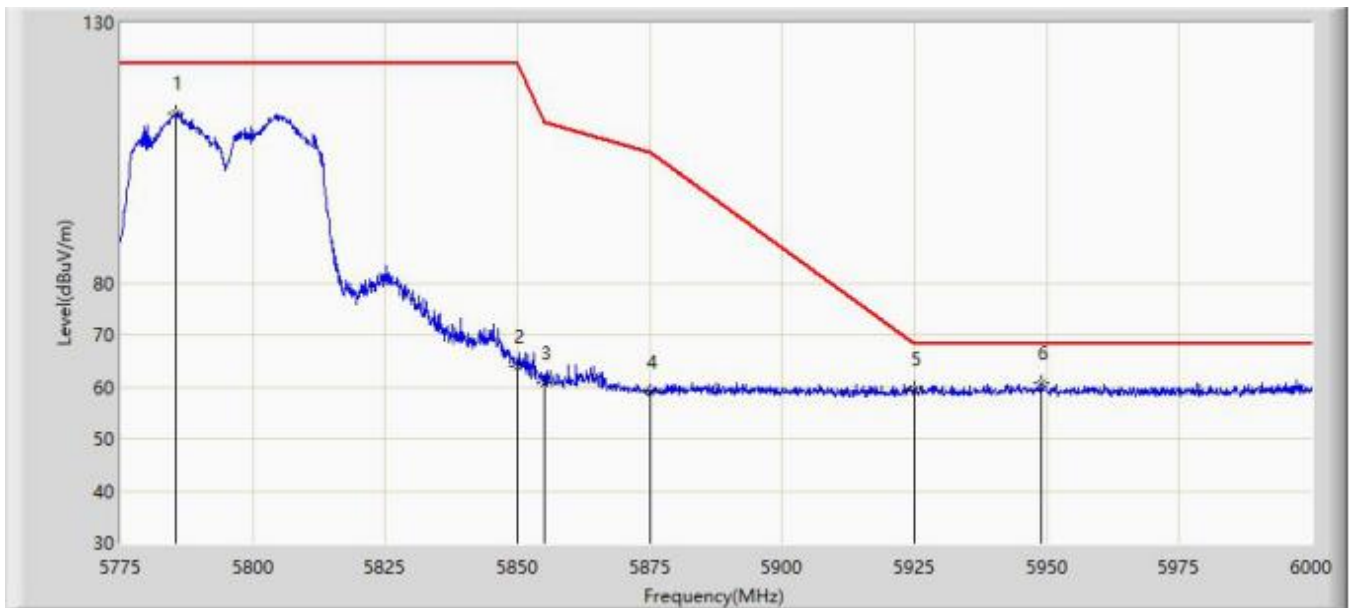
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5785.462	112.554	106.950	N/A	N/A	5.604	PK
2			5850.000	63.772	57.607	-58.428	122.200	6.166	PK
3			5855.000	60.798	54.633	-50.002	110.800	6.165	PK
4			5875.000	59.033	52.917	-46.167	105.200	6.116	PK
5			5925.000	59.569	53.711	-8.631	68.200	5.858	PK
6		*	5949.038	60.790	54.746	-7.410	68.200	6.045	PK

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

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

| Site: AC2	Time: 2019/10/05 - 13:15
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz	
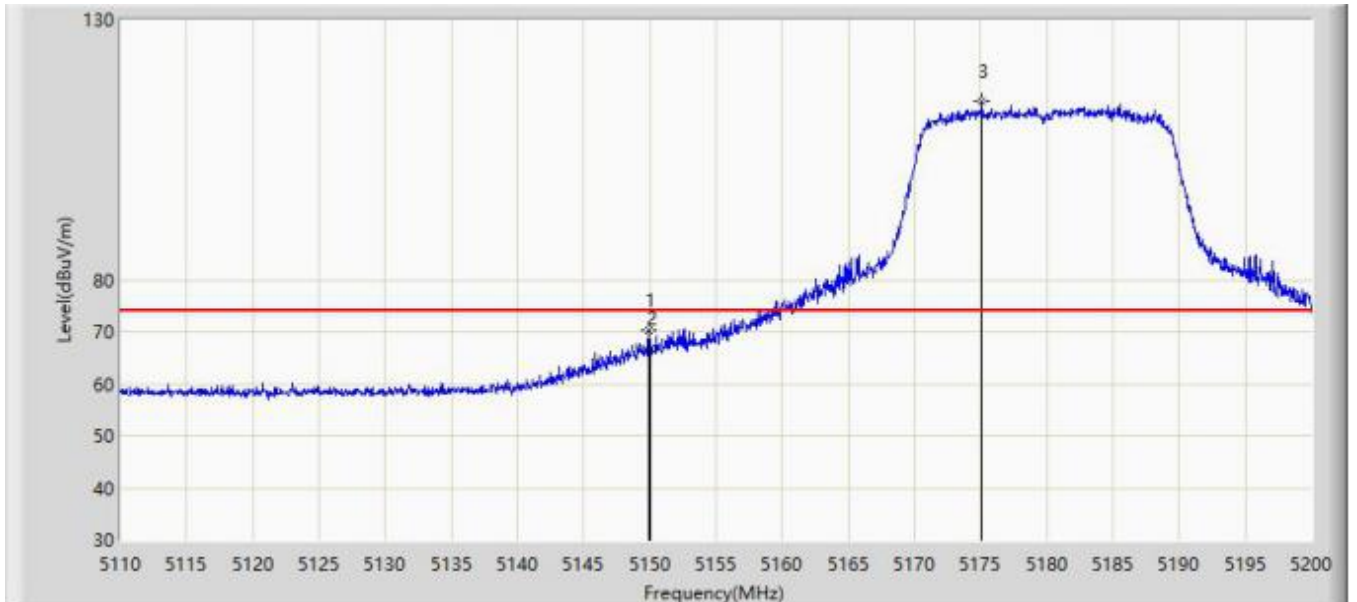
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.870	70.377	66.350	-3.623	74.000	4.027	PK
2			5150.000	66.853	62.826	-7.147	74.000	4.027	PK
3		*	5175.115	114.311	110.371	N/A	N/A	3.940	PK

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

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

| Site: AC2	Time: 2019/10/05 - 13:17
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz	
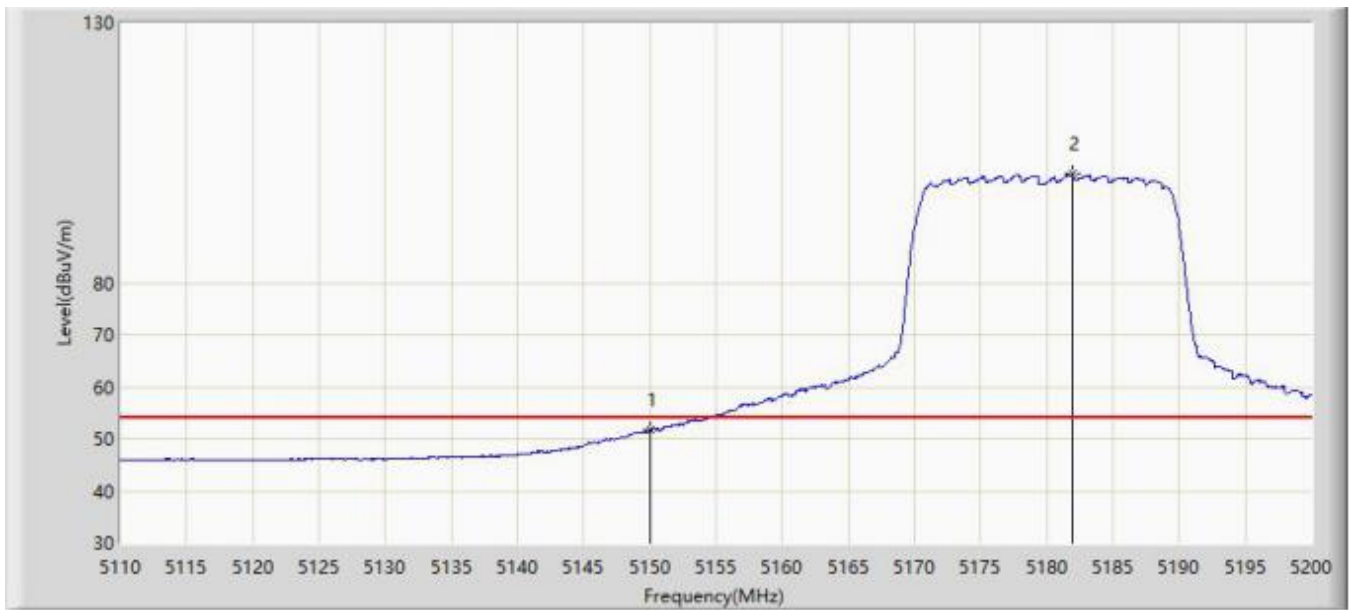
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.699	47.672	-2.301	54.000	4.027	AV
2		*	5181.910	100.876	96.992	N/A	N/A	3.884	AV

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

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

Site: AC2	Time: 2019/10/05 - 13:18
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.240	67.683	63.657	-6.317	74.000	4.026	PK
2			5150.000	64.793	60.766	-9.207	74.000	4.027	PK
3		*	5184.070	114.094	110.224	N/A	N/A	3.870	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: AC2	Time: 2019/10/05 - 13:18
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 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	51.353	47.326	-2.647	54.000	4.027	AV
2		*	5177.950	99.788	95.871	N/A	N/A	3.917	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: AC2	Time: 2020/02/02 - 15:45
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5240MHz	
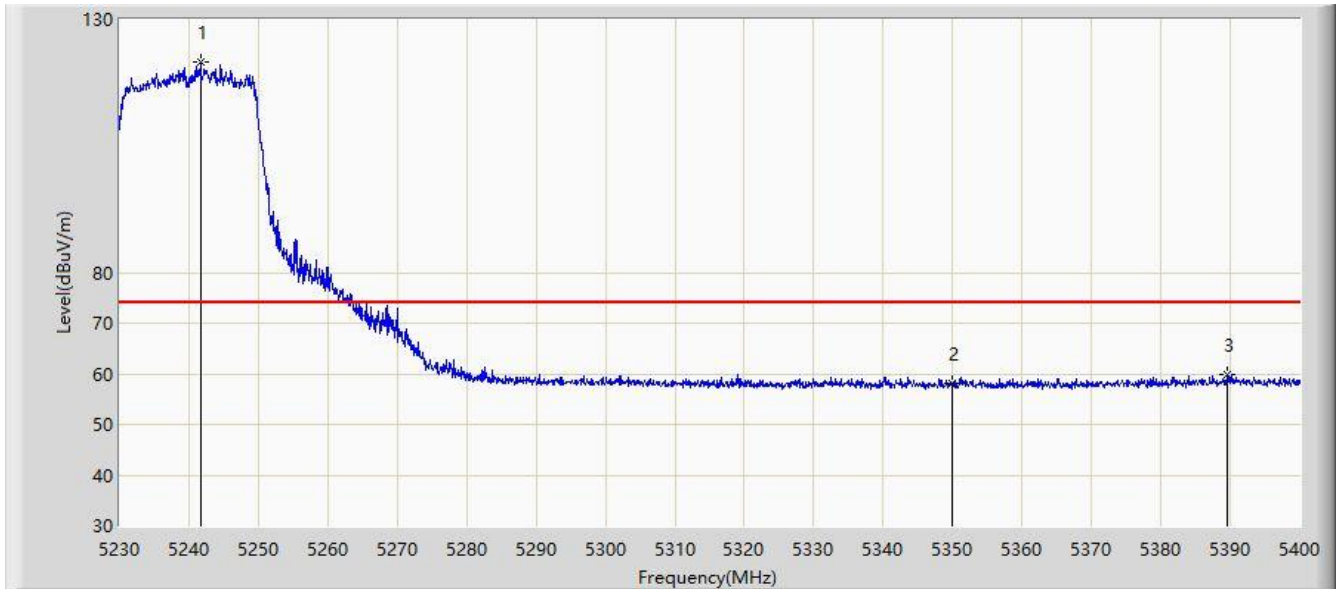
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5241.645	121.525	117.623	N/A	N/A	3.902	PK
2			5350.000	58.077	53.900	-15.923	74.000	4.177	PK
3			5389.460	59.963	55.340	-14.037	74.000	4.623	PK

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

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

| Site: AC2	Time: 2020/02/02 - 15:48
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5240MHz	
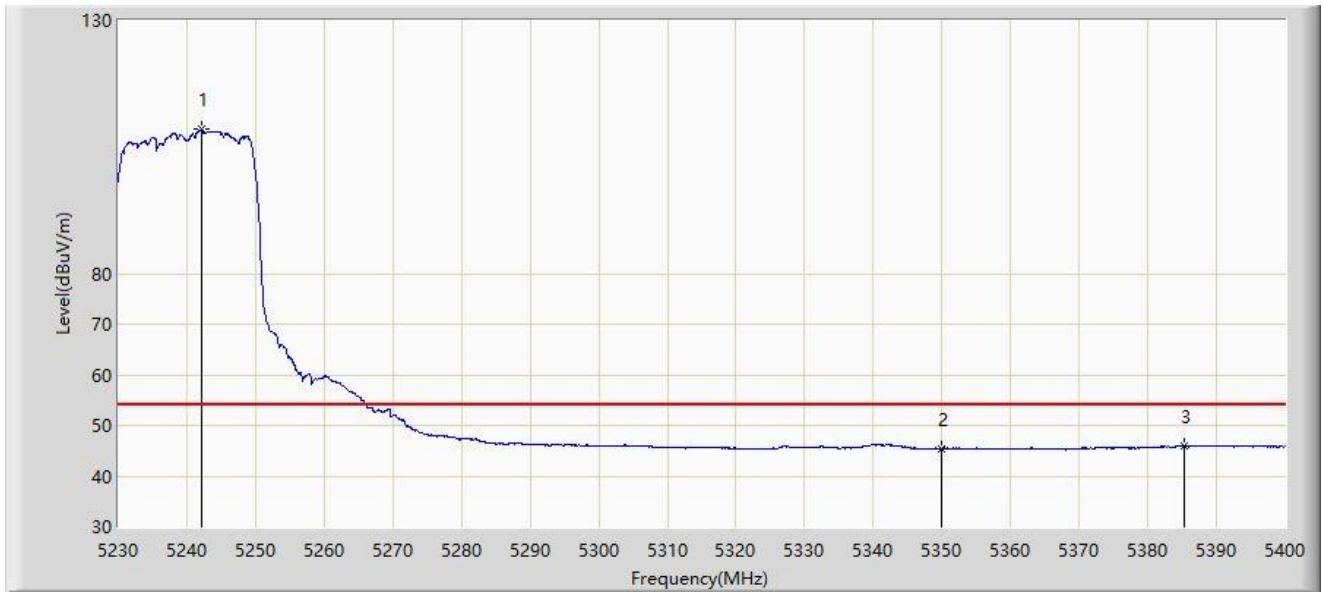
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	5242.155	108.421	104.510	N/A	N/A	3.910	AV
2			5350.000	45.412	41.235	-8.588	54.000	4.177	AV
3			5385.210	46.000	41.406	-8.000	54.000	4.595	AV

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

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

| Site: AC2	Time: 2020/02/02 - 15:53
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5240MHz	
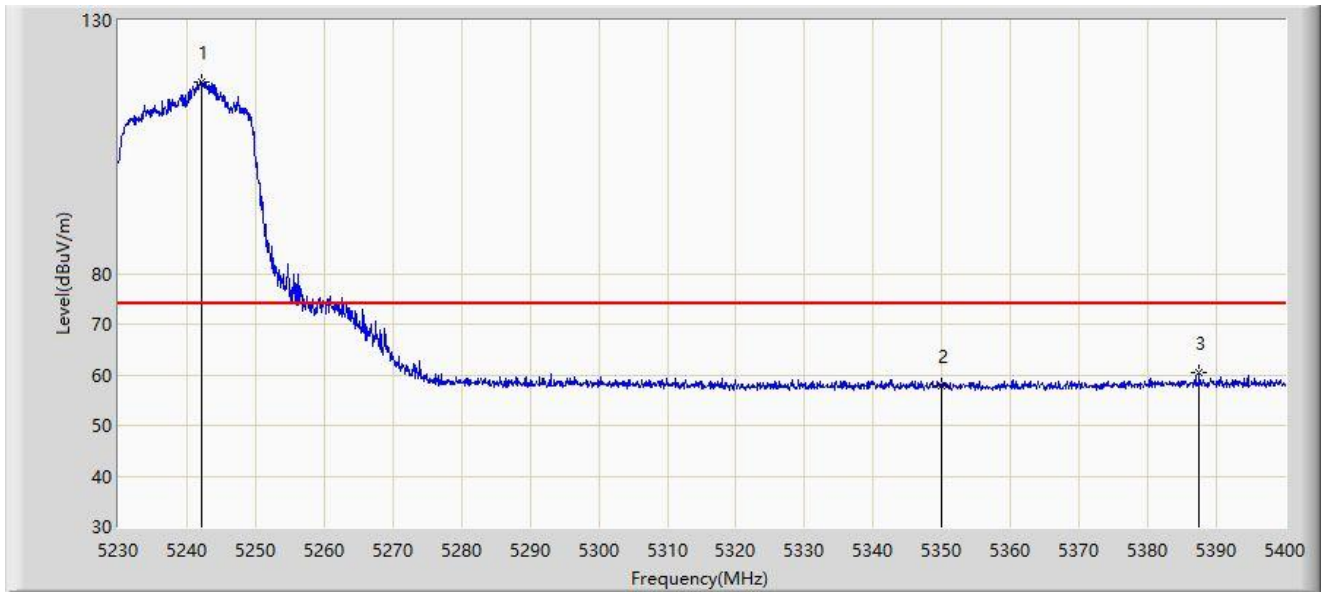
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5242.155	117.744	113.833	N/A	N/A	3.910	PK
2			5350.000	57.896	53.719	-16.104	74.000	4.177	PK
3			5387.505	60.426	55.810	-13.574	74.000	4.616	PK

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

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

Site: AC2	Time: 2020/02/02 - 15:57
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5240MHz	
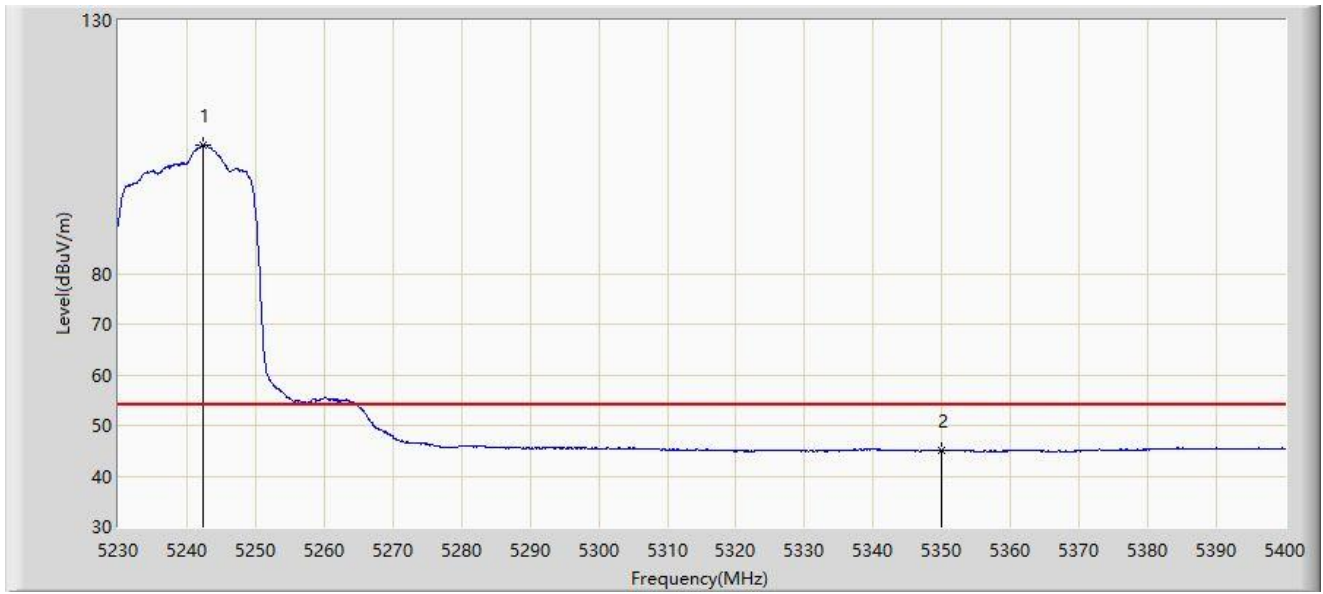
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5242.325	105.376	101.463	N/A	N/A	3.914	AV
2			5350.000	44.998	40.821	-9.002	54.000	4.177	AV

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

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

| Site: AC2	Time: 2019/10/05 - 13:24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5745MHz	
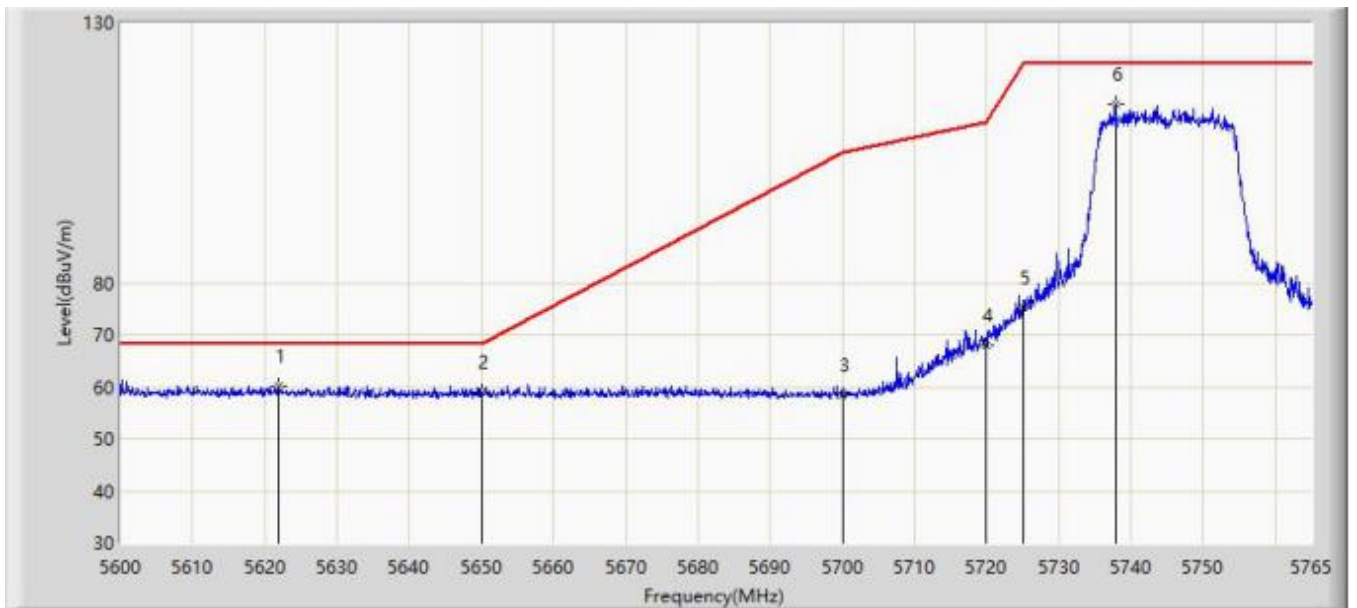
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5621.945	60.256	55.654	-7.944	68.200	4.602	PK
2			5650.000	58.964	54.495	-9.236	68.200	4.469	PK
3			5700.000	58.335	53.670	-46.865	105.200	4.665	PK
4			5720.000	68.045	63.148	-42.755	110.800	4.898	PK
5			5725.000	75.131	70.110	-47.069	122.200	5.021	PK
6			5737.857	114.241	109.158	N/A	N/A	5.082	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: AC2	Time: 2019/10/05 - 13:27
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5745MHz	
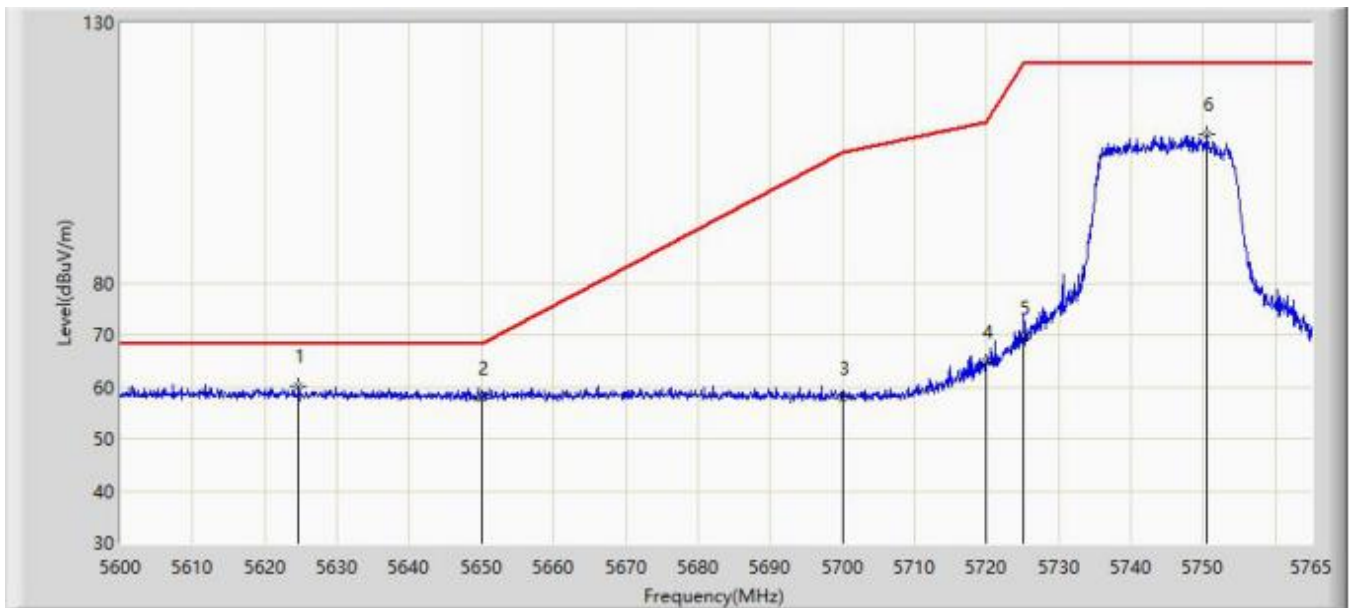
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5624.667	60.236	55.632	-7.964	68.200	4.603	PK
2			5650.000	57.684	53.215	-10.516	68.200	4.469	PK
3			5700.000	57.787	53.122	-47.413	105.200	4.665	PK
4			5720.000	64.780	59.883	-46.020	110.800	4.898	PK
5			5725.000	69.430	64.409	-52.770	122.200	5.021	PK
6			5750.480	108.555	103.448	N/A	N/A	5.107	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: AC2	Time: 2019/10/05 - 13:29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5825MHz	
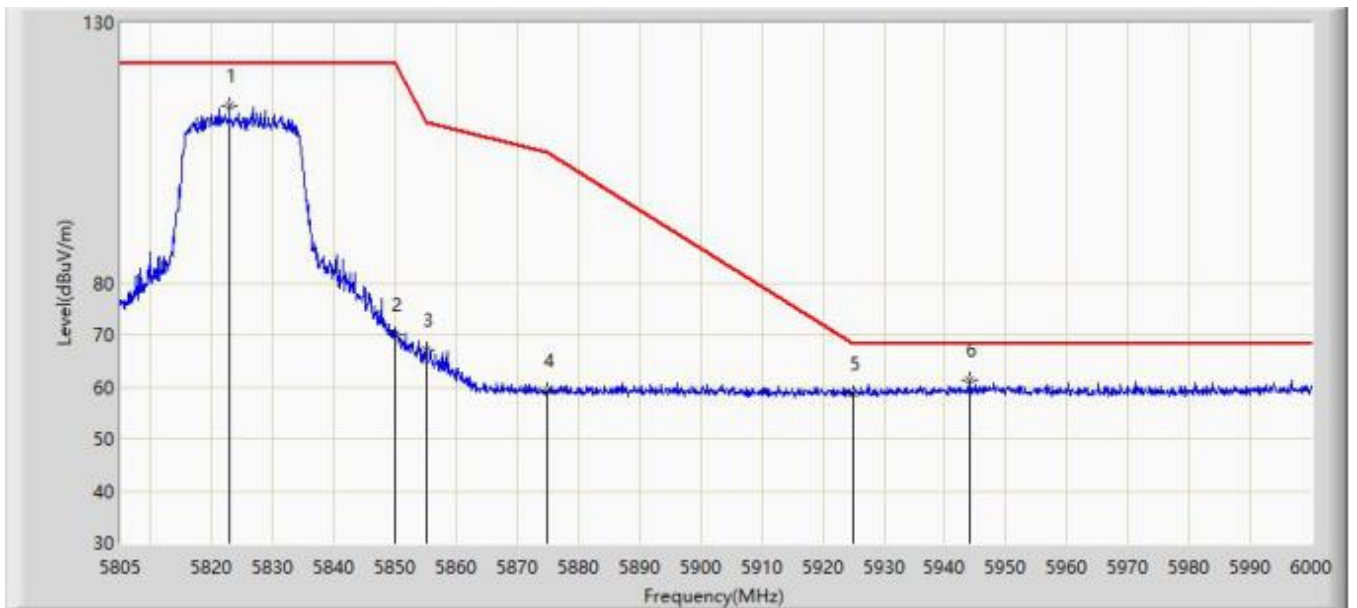
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5822.842	114.084	108.337	N/A	N/A	5.748	PK
2			5850.000	70.089	63.924	-52.111	122.200	6.166	PK
3			5855.000	67.148	60.983	-43.652	110.800	6.165	PK
4			5875.000	59.303	53.187	-45.897	105.200	6.116	PK
5			5925.000	58.720	52.862	-9.480	68.200	5.858	PK
6		*	5943.937	61.317	55.278	-6.883	68.200	6.039	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: AC2	Time: 2019/10/05 - 13:30
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5825MHz	
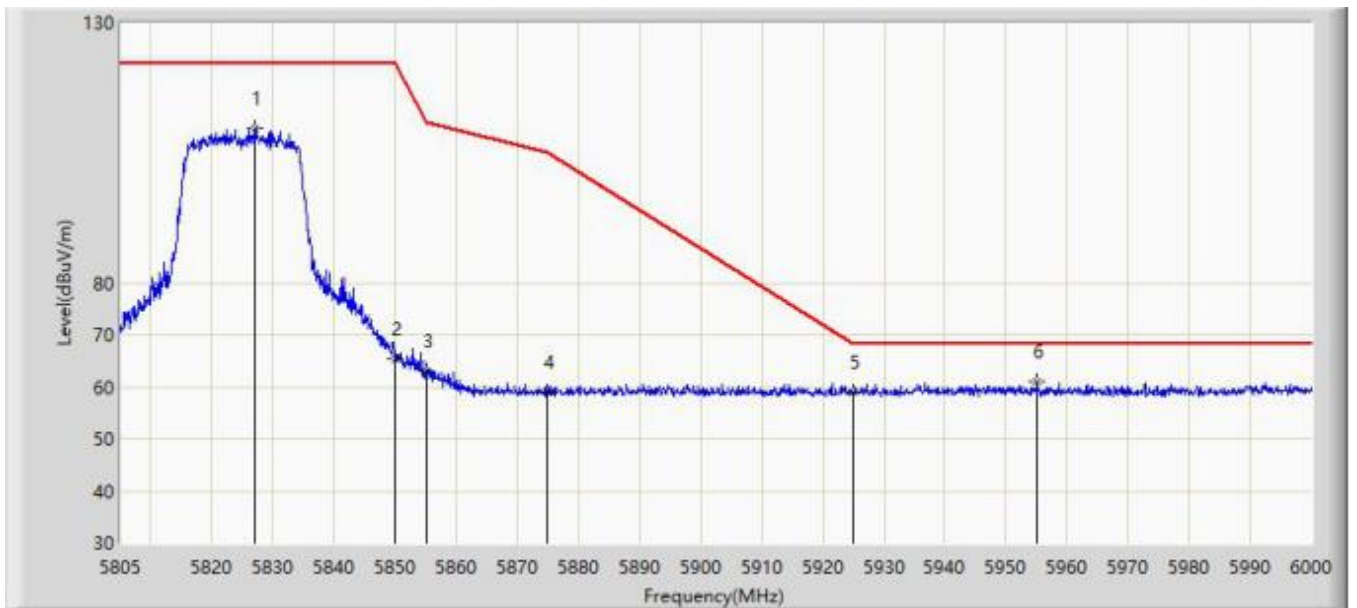
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5827.035	109.698	103.892	N/A	N/A	5.806	PK
2			5850.000	65.358	59.193	-56.842	122.200	6.166	PK
3			5855.000	63.034	56.869	-47.766	110.800	6.165	PK
4			5875.000	59.121	53.005	-46.079	105.200	6.116	PK
5			5925.000	58.853	52.995	-9.347	68.200	5.858	PK
6		*	5955.150	60.905	54.958	-7.295	68.200	5.947	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: AC2	Time: 2019/10/05 - 13:38
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz	
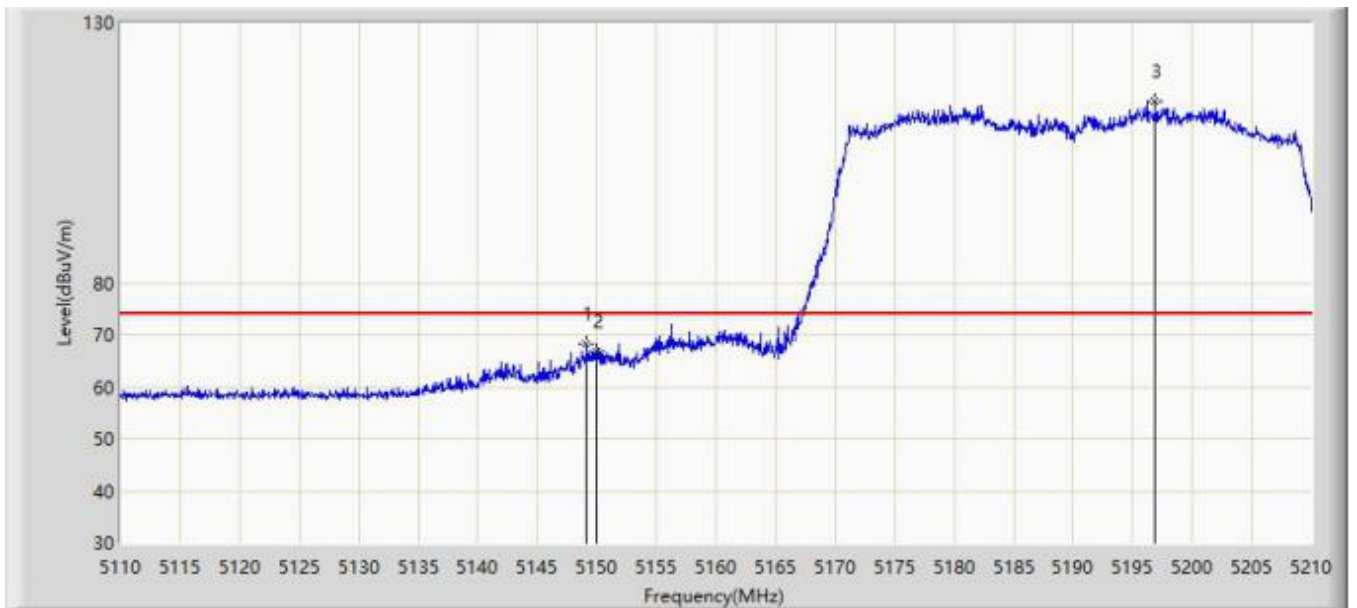
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.100	68.385	64.359	-5.615	74.000	4.026	PK
2			5150.000	66.746	62.719	-7.254	74.000	4.027	PK
3		*	5196.850	114.843	111.051	N/A	N/A	3.792	PK

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

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

| Site: AC2	Time: 2019/10/05 - 13:36
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz	
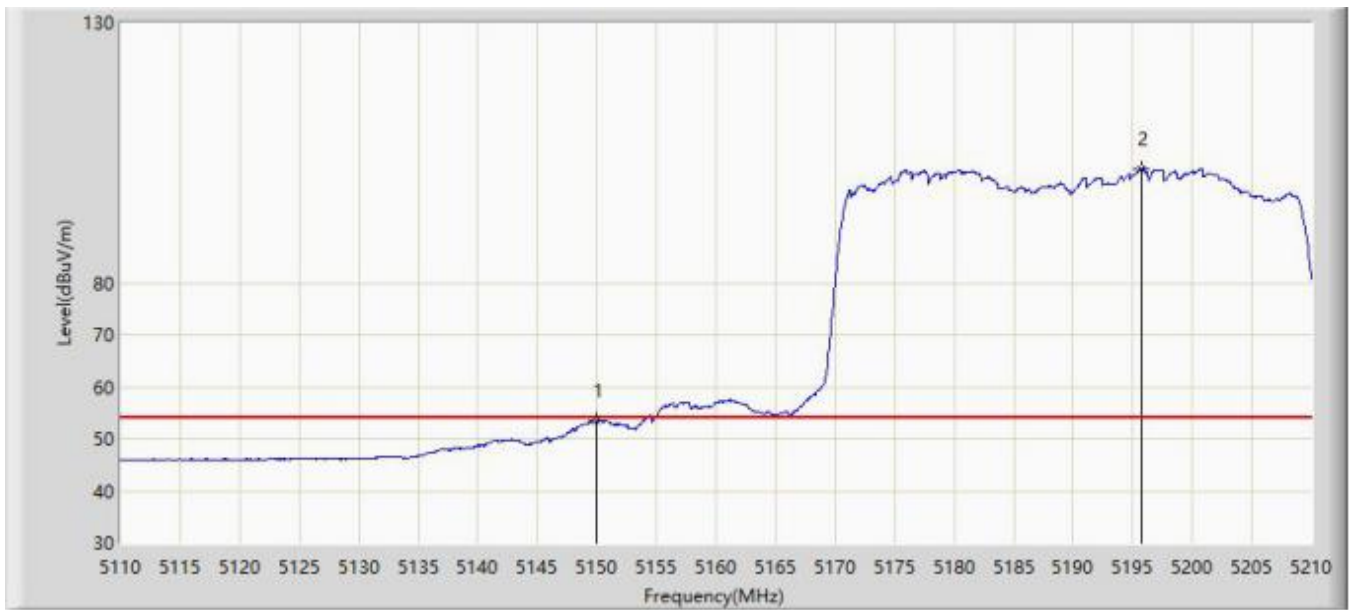
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.447	49.420	-0.553	54.000	4.027	AV
2		*	5195.700	101.942	98.143	N/A	N/A	3.798	AV

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

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

| Site: AC2	Time: 2019/10/05 - 13:39
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz	
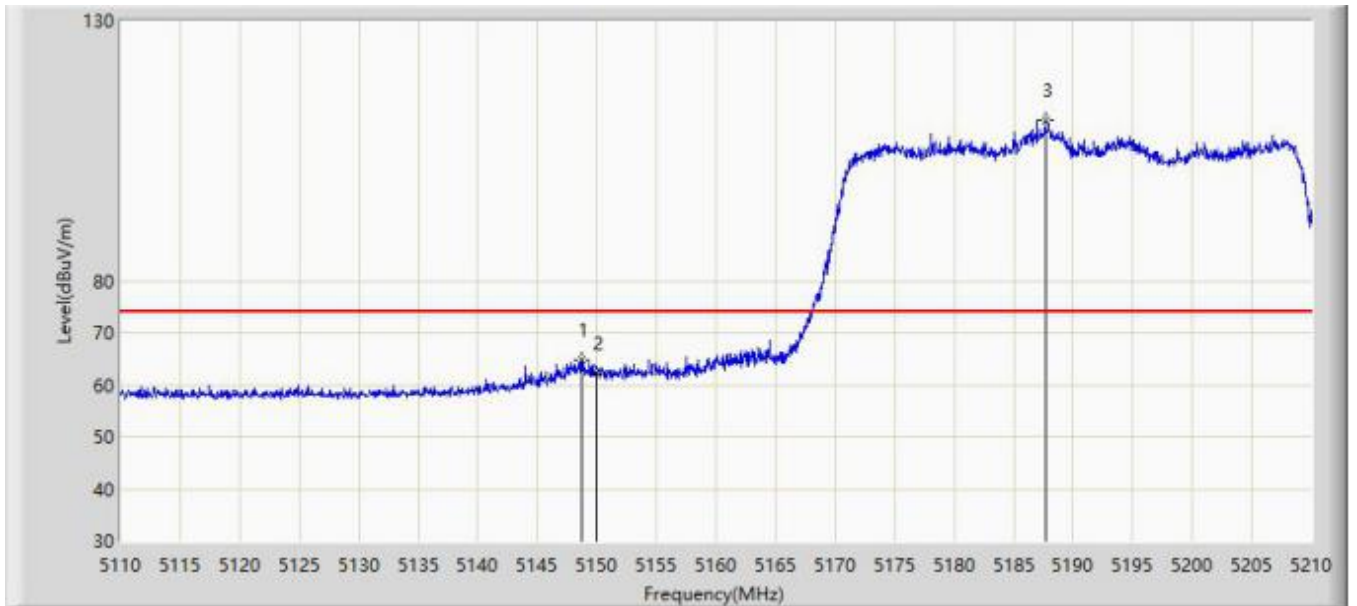
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.750	64.797	60.771	-9.203	74.000	4.026	PK
2			5150.000	62.258	58.231	-11.742	74.000	4.027	PK
3		*	5187.650	110.825	106.977	N/A	N/A	3.848	PK

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

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

Site: AC2	Time: 2019/10/05 - 13:41
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz	
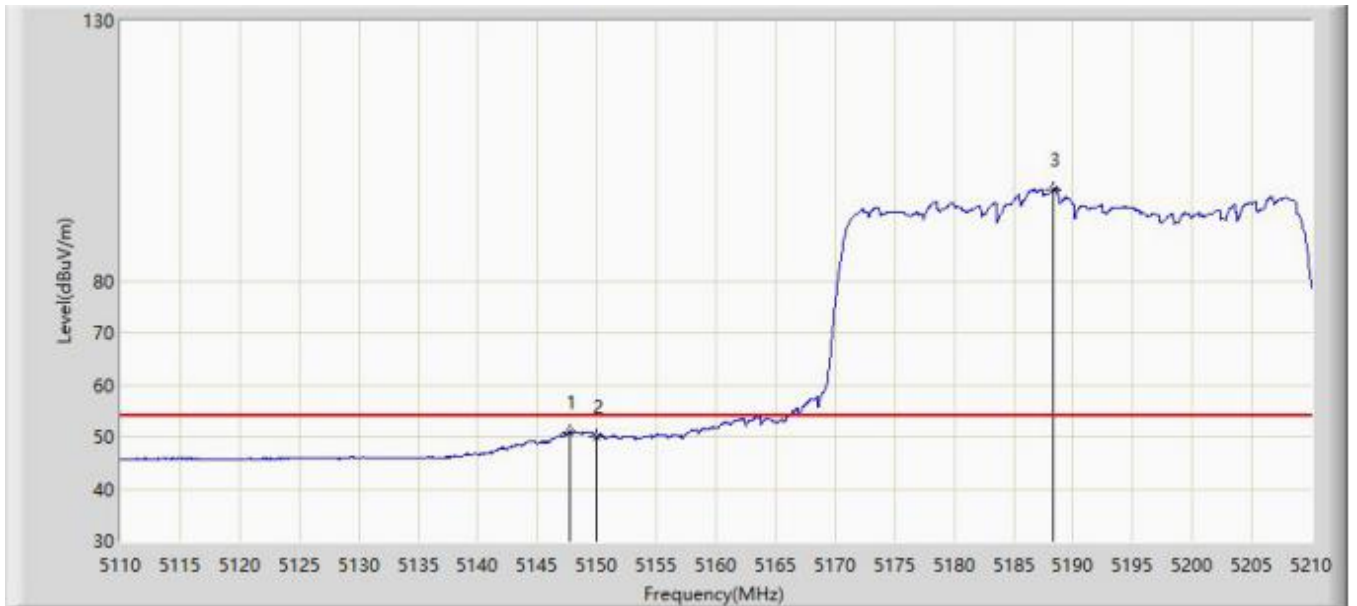
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.750	50.993	46.969	-3.007	54.000	4.024	AV
2			5150.000	50.000	45.973	-4.000	54.000	4.027	AV
3		*	5188.300	97.593	93.749	N/A	N/A	3.843	AV

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

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

Site: AC2	Time: 2020/02/02 - 16:03
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5230MHz	
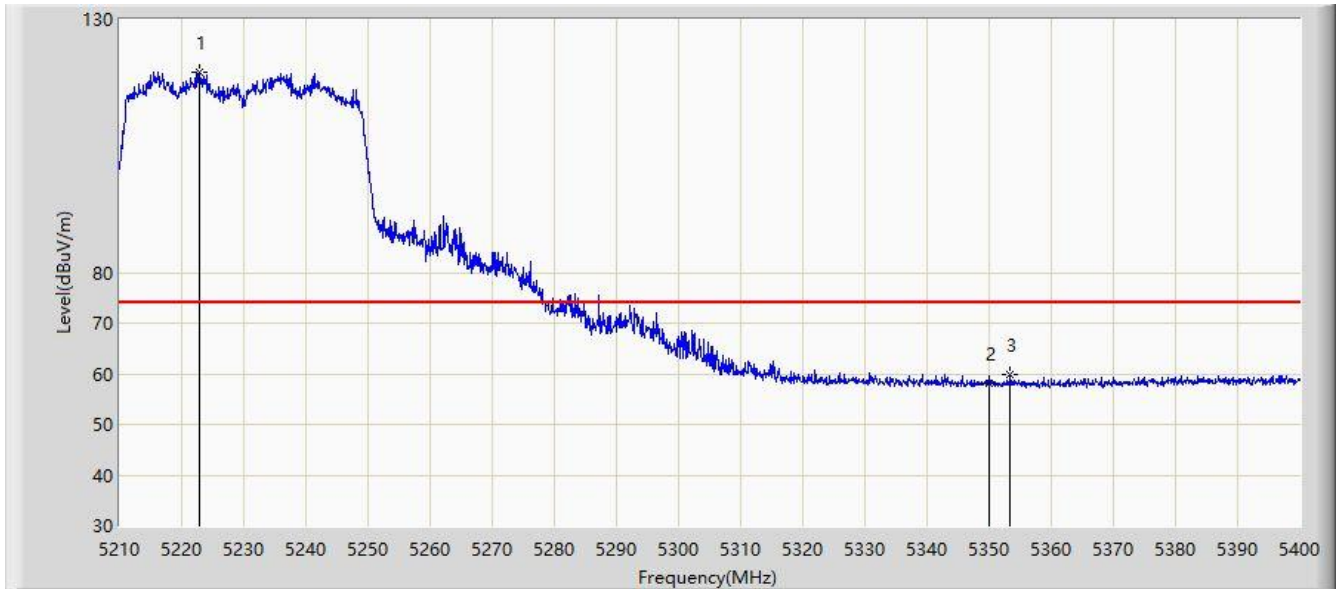
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5222.825	119.694	115.693	N/A	N/A	4.002	PK
2			5350.000	58.028	53.851	-15.972	74.000	4.177	PK
3			5353.355	59.808	55.613	-14.192	74.000	4.194	PK

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

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

| Site: AC2	Time: 2020/02/02 - 16:08
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5230MHz	
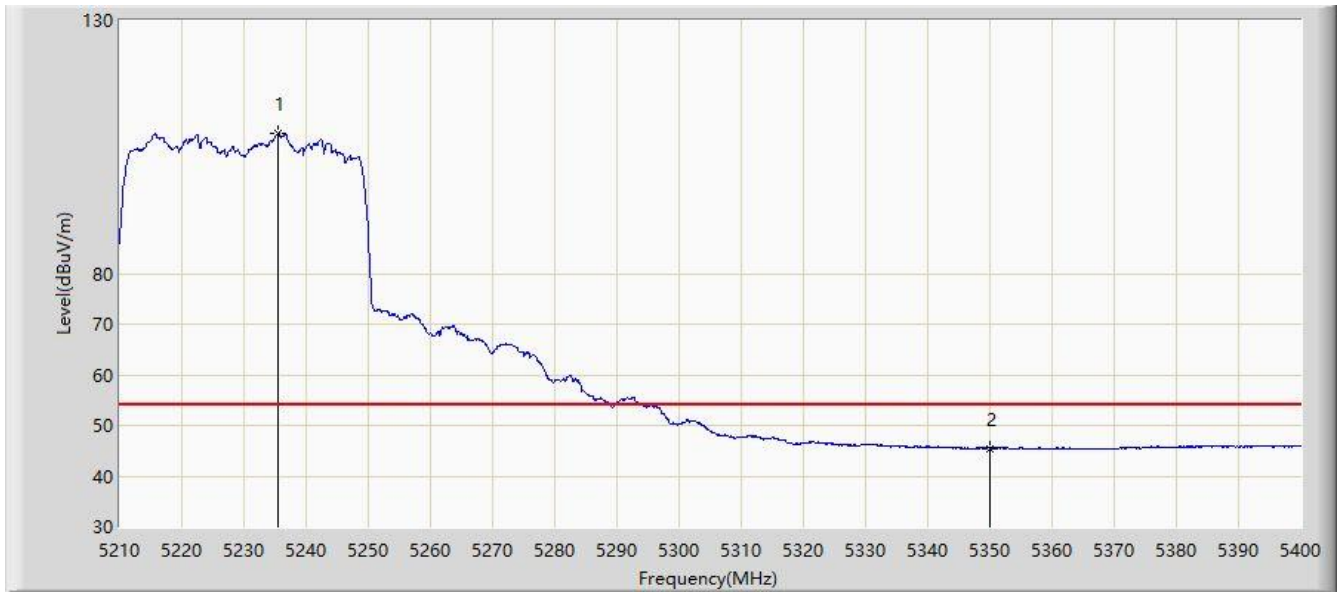
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5235.460	107.822	104.018	N/A	N/A	3.803	AV
2			5350.000	45.488	41.311	-8.512	54.000	4.177	AV

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

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

| Site: AC2	Time: 2020/02/02 - 16:12
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5230MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5227.005	115.983	112.079	N/A	N/A	3.904	PK
2			5350.000	57.642	53.465	-16.358	74.000	4.177	PK
3			5352.310	60.066	55.874	-13.934	74.000	4.192	PK

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

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

| Site: AC2	Time: 2020/02/02 - 16:16
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5230MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5228.240	102.517	98.642	N/A	N/A	3.875	AV
2			5350.000	45.147	40.970	-8.853	54.000	4.177	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: AC2	Time: 2019/10/05 - 14:17
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5755MHz	
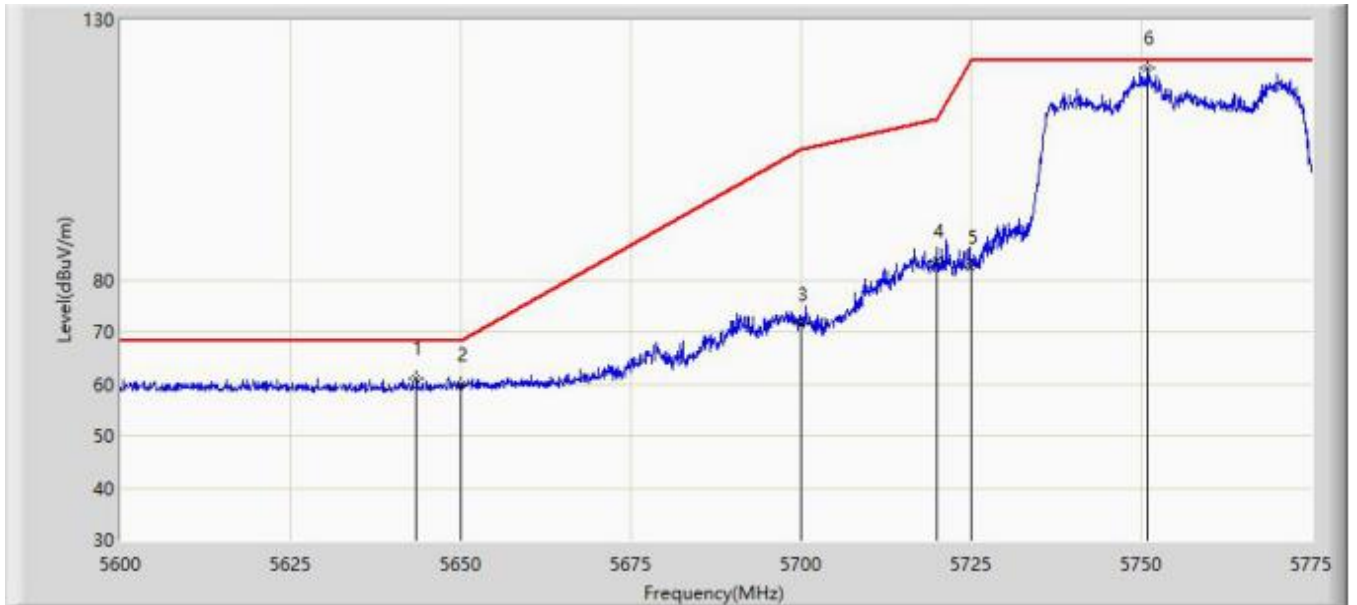
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5643.487	60.967	56.570	-7.233	68.200	4.397	PK
2			5650.000	59.972	55.503	-8.228	68.200	4.469	PK
3			5700.000	71.492	66.827	-33.708	105.200	4.665	PK
4			5720.000	83.675	78.778	-27.125	110.800	4.898	PK
5			5725.000	82.466	77.445	-39.734	122.200	5.021	PK
6		*	5750.937	120.782	115.675	N/A	N/A	5.108	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: AC2	Time: 2019/10/05 - 14:19
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5755MHz	
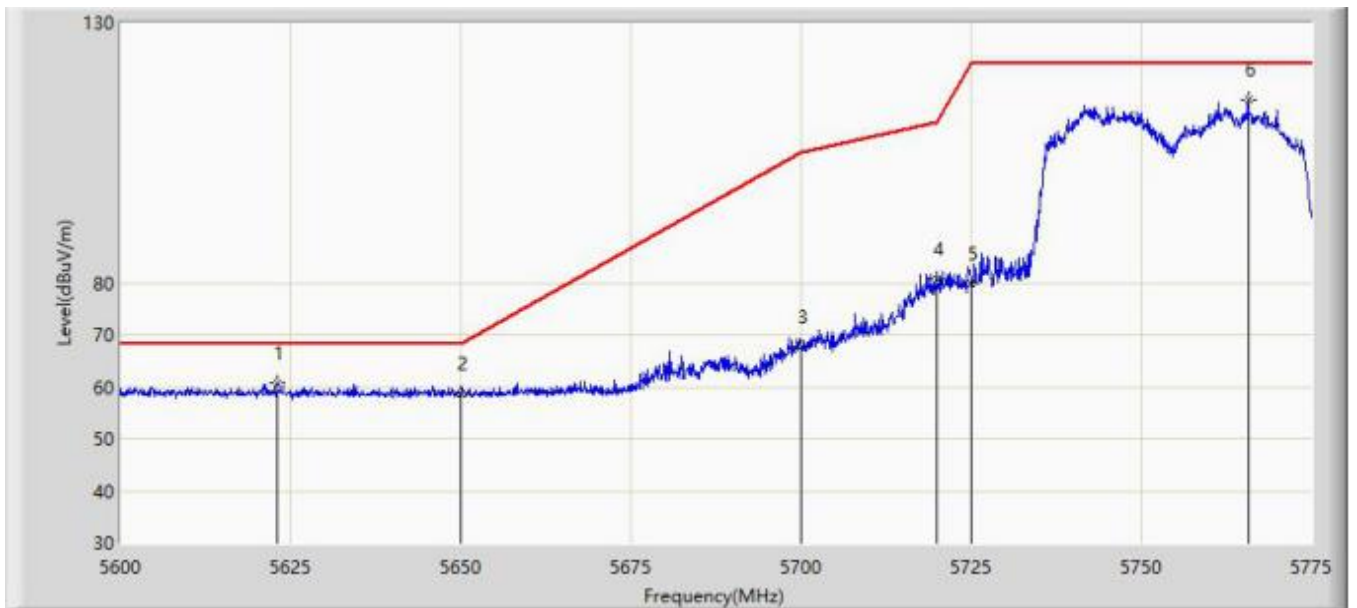
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5623.013	60.810	56.202	-7.390	68.200	4.608	PK
2			5650.000	58.600	54.131	-9.600	68.200	4.469	PK
3			5700.000	67.587	62.922	-37.613	105.200	4.665	PK
4			5720.000	80.730	75.833	-30.070	110.800	4.898	PK
5			5725.000	79.880	74.859	-42.320	122.200	5.021	PK
6		*	5765.725	115.283	110.042	N/A	N/A	5.241	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: AC2	Time: 2019/10/05 - 14:21
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5795MHz	
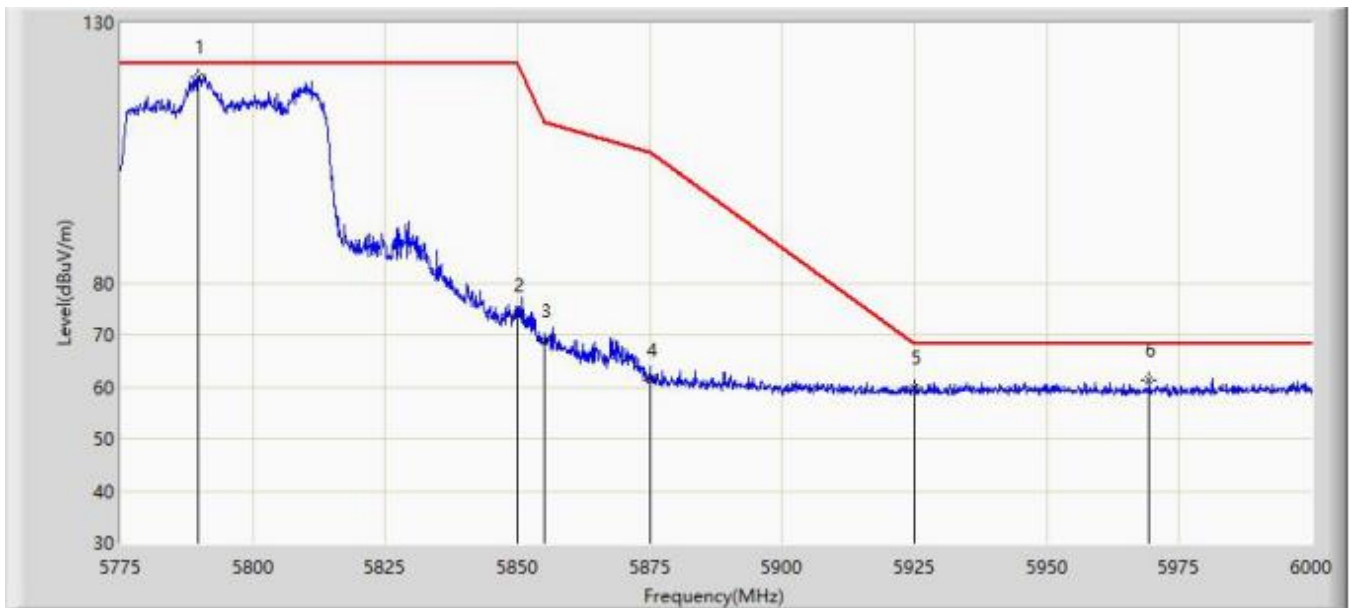
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5789.625	119.627	113.966	N/A	N/A	5.662	PK
2			5850.000	73.717	67.552	-48.483	122.200	6.166	PK
3			5855.000	68.788	62.623	-42.012	110.800	6.165	PK
4			5875.000	61.429	55.313	-43.771	105.200	6.116	PK
5			5925.000	59.798	53.940	-8.402	68.200	5.858	PK
6			5969.288	61.301	55.548	-6.899	68.200	5.753	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: AC2	Time: 2019/10/05 - 14:23
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5795MHz	
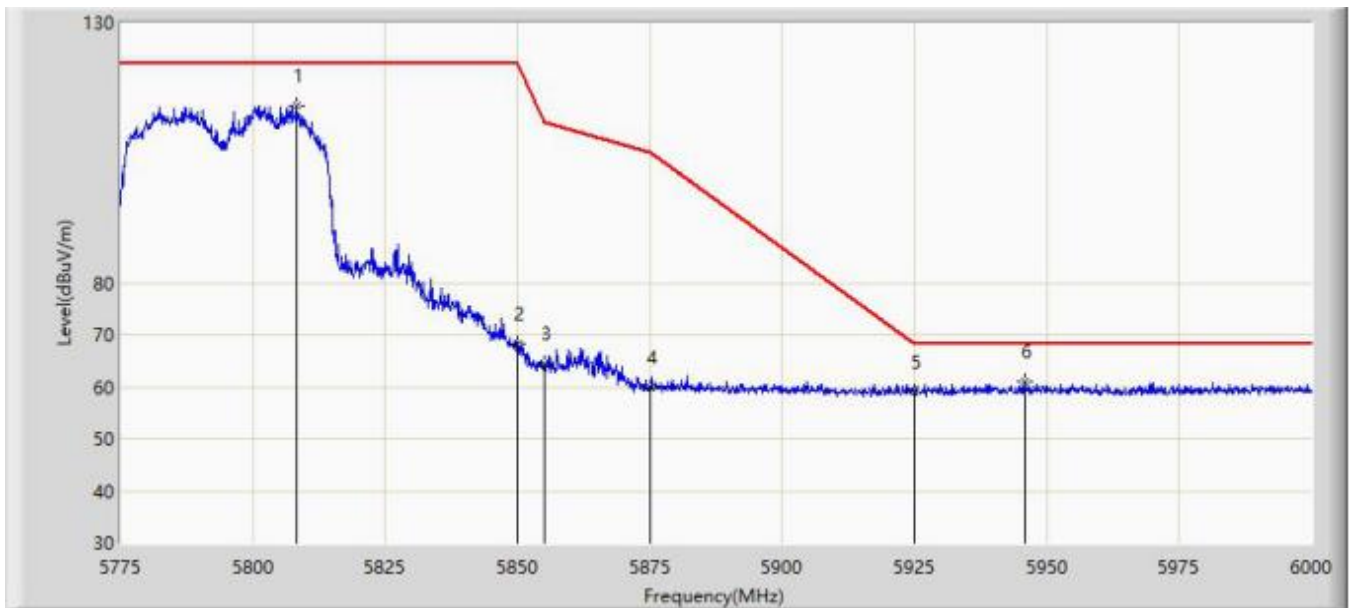
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5808.187	114.101	108.496	N/A	N/A	5.605	PK
2			5850.000	68.370	62.205	-53.830	122.200	6.166	PK
3			5855.000	64.388	58.223	-46.412	110.800	6.165	PK
4			5875.000	59.985	53.869	-45.215	105.200	6.116	PK
5			5925.000	58.972	53.114	-9.228	68.200	5.858	PK
6		*	5945.888	60.987	54.922	-7.213	68.200	6.065	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: AC2	Time: 2020/02/02 - 16:19
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz	
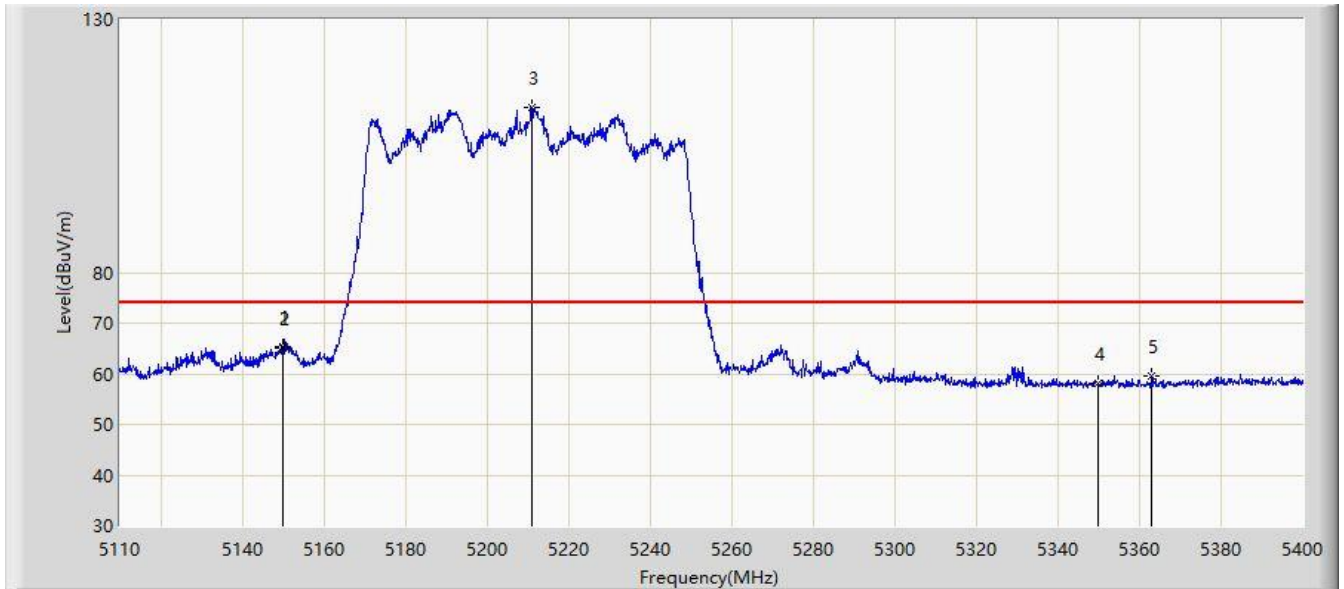
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.875	65.300	60.859	-8.700	74.000	4.440	PK
2			5150.000	65.080	60.638	-8.920	74.000	4.442	PK
3		*	5210.920	112.477	108.284	N/A	N/A	4.193	PK
4			5350.000	58.073	53.896	-15.927	74.000	4.177	PK
5			5363.025	59.684	55.458	-14.316	74.000	4.226	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: AC2	Time: 2020/02/02 - 16:24
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz	
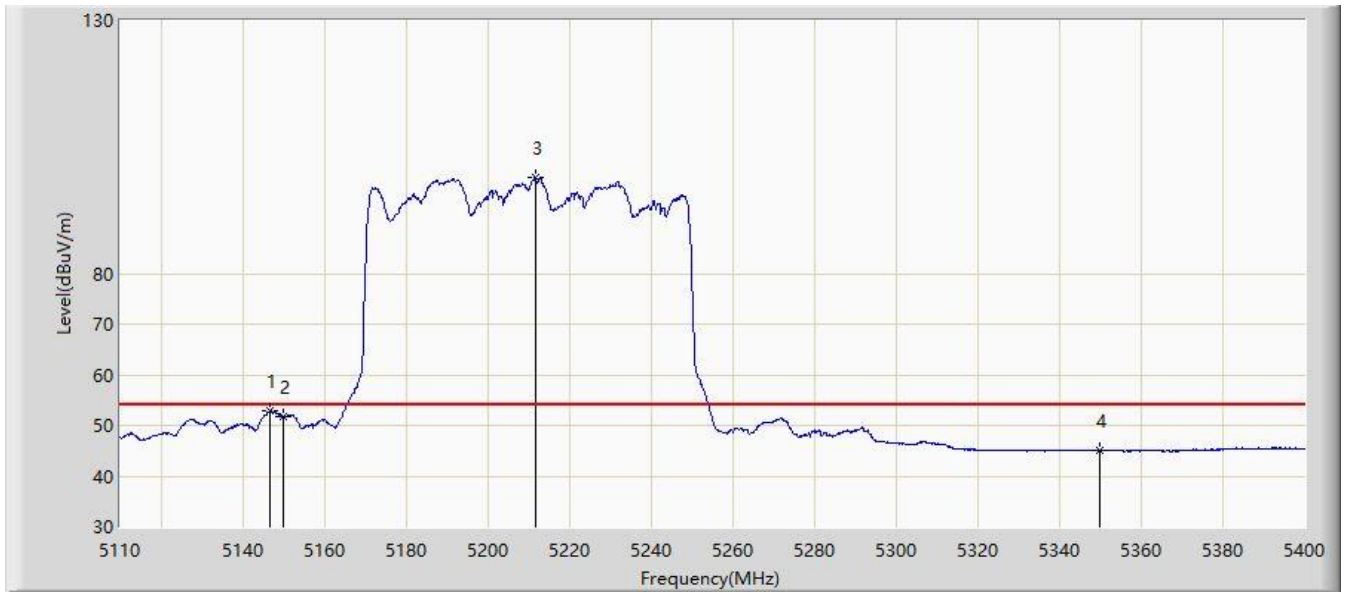
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.540	52.846	48.426	-1.154	54.000	4.419	AV
2			5150.000	51.863	47.421	-2.137	54.000	4.442	AV
3		*	5211.790	99.100	94.913	N/A	N/A	4.188	AV
4			5350.000	45.026	40.849	-8.974	54.000	4.177	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: AC2	Time: 2020/02/02 - 16:29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz	
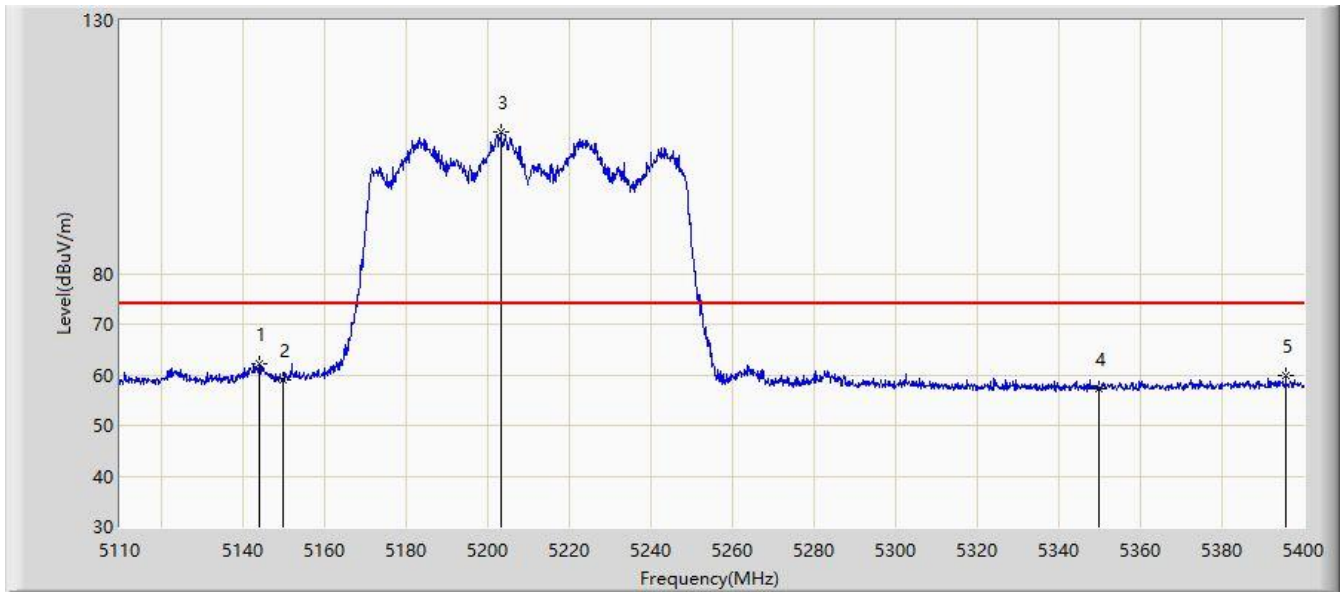
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.220	62.286	57.866	-11.714	74.000	4.420	PK
2			5150.000	58.860	54.418	-15.140	74.000	4.442	PK
3		*	5203.380	107.938	103.697	N/A	N/A	4.241	PK
4			5350.000	57.278	53.101	-16.722	74.000	4.177	PK
5			5395.650	59.732	55.088	-14.268	74.000	4.644	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: AC2	Time: 2020/02/02 - 16:32
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz	
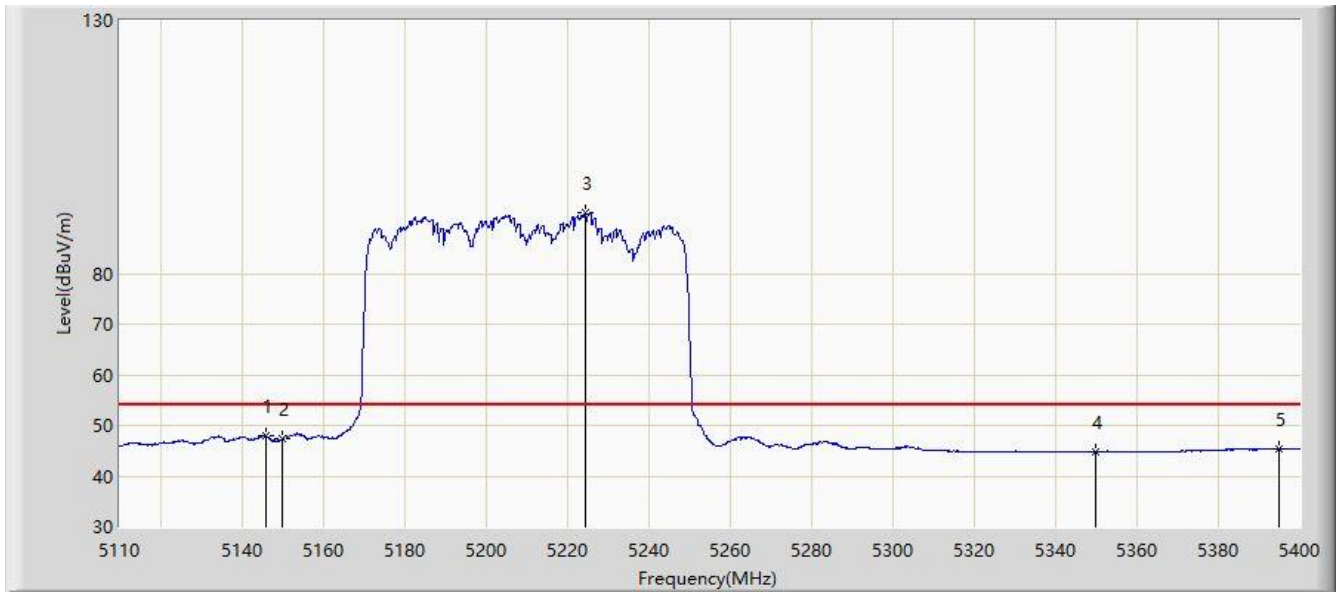
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.815	47.971	43.551	-6.029	54.000	4.420	AV
2			5150.000	47.361	42.919	-6.639	54.000	4.442	AV
3		*	5224.405	92.039	88.074	N/A	N/A	3.965	AV
4			5350.000	44.824	40.647	-9.176	54.000	4.177	AV
5			5394.780	45.400	40.759	-8.600	54.000	4.641	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: AC2	Time: 2019/10/05 - 15:03
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5775MHz	
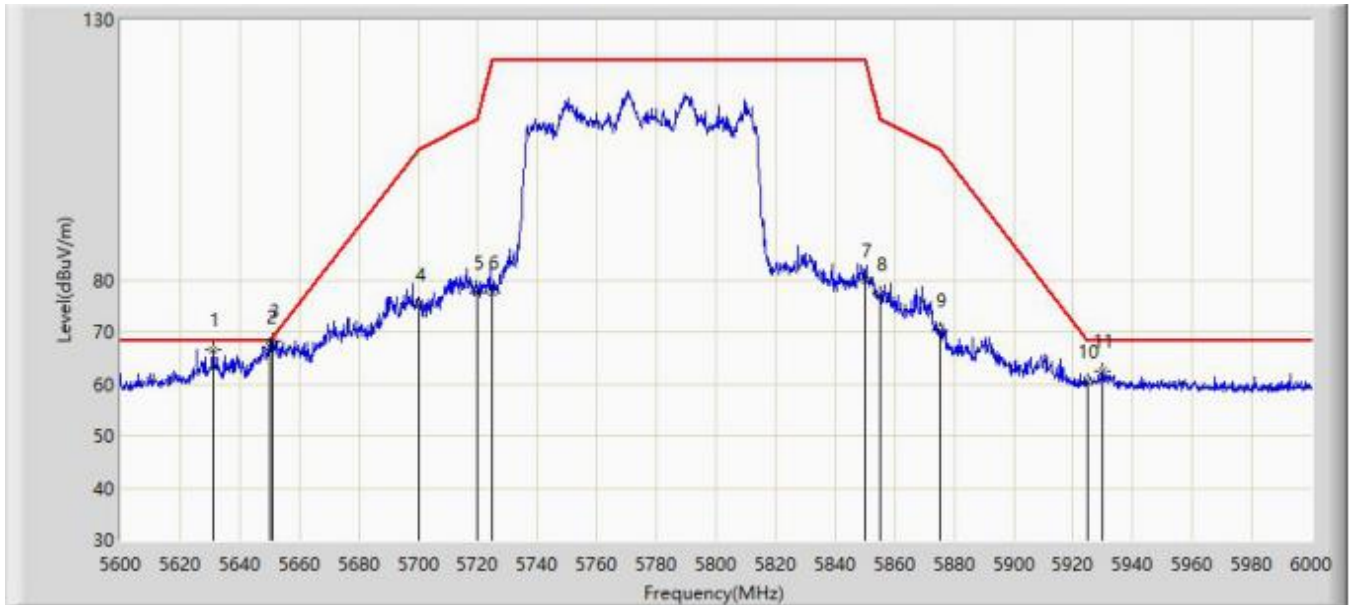
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5631.000	66.578	62.065	-1.622	68.200	4.513	PK
2			5650.000	67.077	62.608	-1.123	68.200	4.469	PK
3		*	5651.000	68.270	63.790	-0.673	68.943	4.480	PK
4			5700.000	75.319	70.654	-29.881	105.200	4.665	PK
5			5720.000	77.627	72.730	-33.173	110.800	4.898	PK
6			5725.000	77.673	72.652	-44.527	122.200	5.021	PK
7			5850.000	79.956	73.791	-42.244	122.200	6.166	PK
8			5855.000	77.255	71.090	-33.545	110.800	6.165	PK
9			5875.000	70.157	64.041	-35.043	105.200	6.116	PK
10			5925.000	60.329	54.471	-7.871	68.200	5.858	PK
11			5929.600	62.398	56.543	-5.802	68.200	5.855	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: AC2	Time: 2019/10/05 - 15:05
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5775MHz	
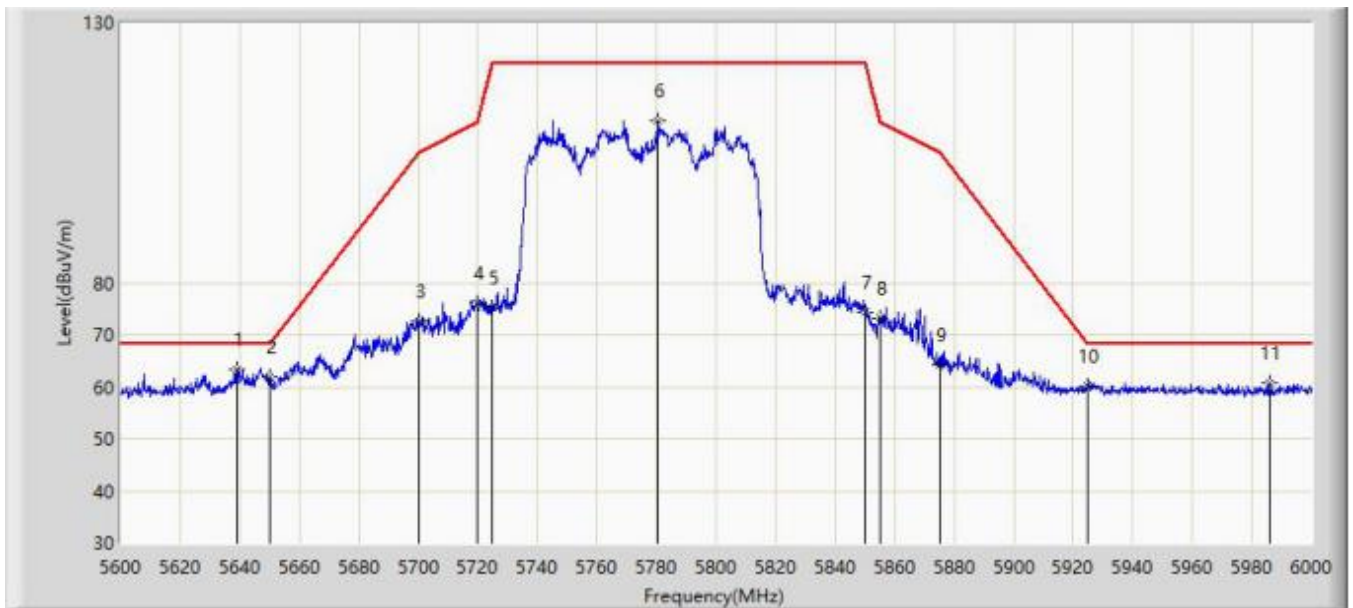
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5639.000	63.366	58.968	-4.834	68.200	4.398	PK
2			5650.000	61.984	57.515	-6.216	68.200	4.469	PK
3			5700.000	72.639	67.974	-32.561	105.200	4.665	PK
4			5720.000	75.986	71.089	-34.814	110.800	4.898	PK
5			5725.000	75.317	70.296	-46.883	122.200	5.021	PK
6			5780.600	111.290	N/A	N/A	122.200	5.537	PK
7			5850.000	74.298	68.133	-47.902	122.200	6.166	PK
8			5855.000	73.142	66.977	-37.658	110.800	6.165	PK
9			5875.000	64.148	58.032	-41.052	105.200	6.116	PK
10			5925.000	60.174	54.316	-8.026	68.200	5.858	PK
11			5985.800	60.713	54.986	-7.487	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)

For AP321-Scan Antenna

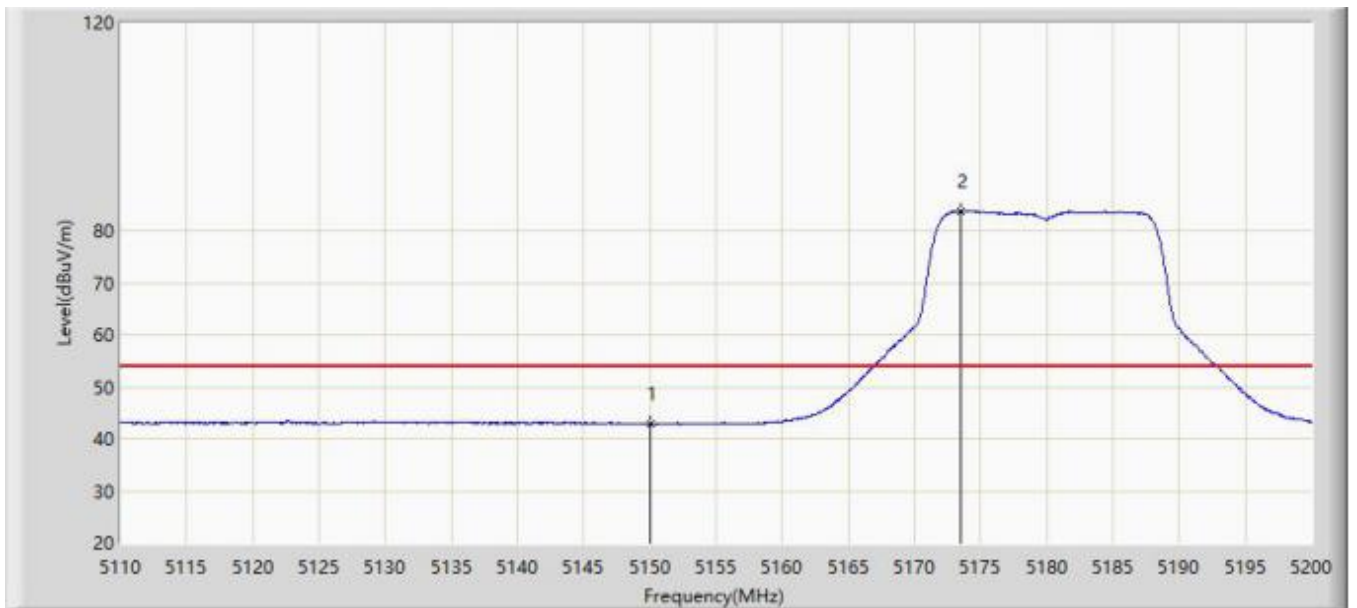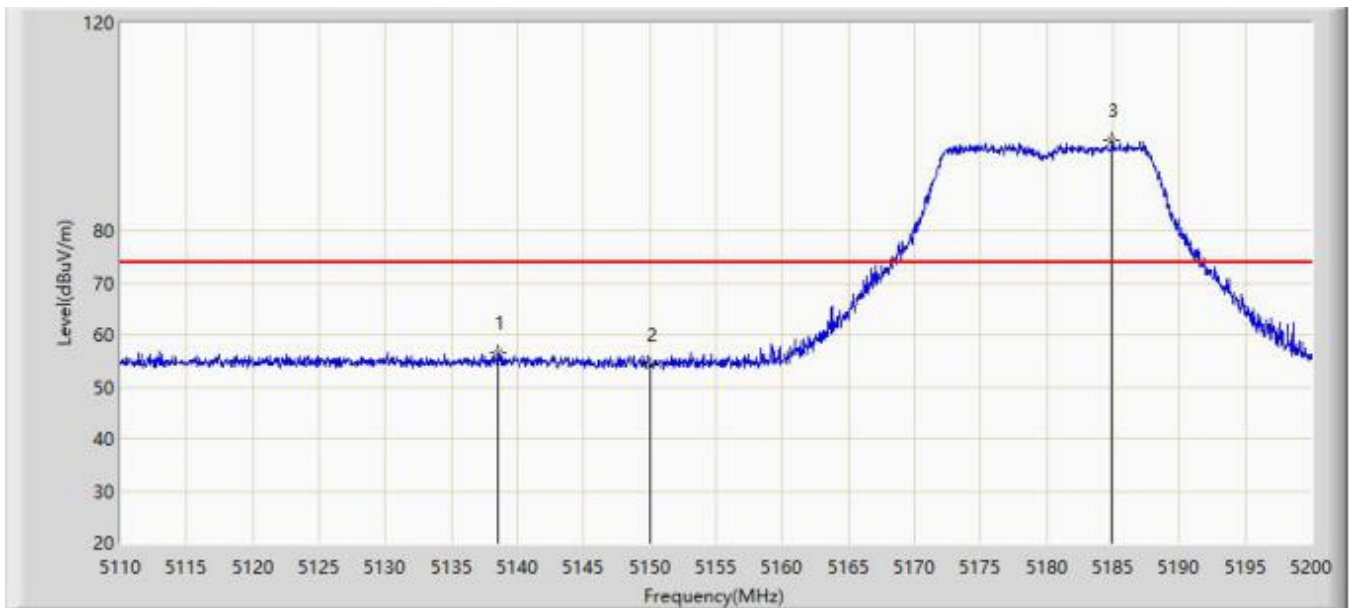| Site: AC1	Time: 2019/10/29 - 21:12
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	
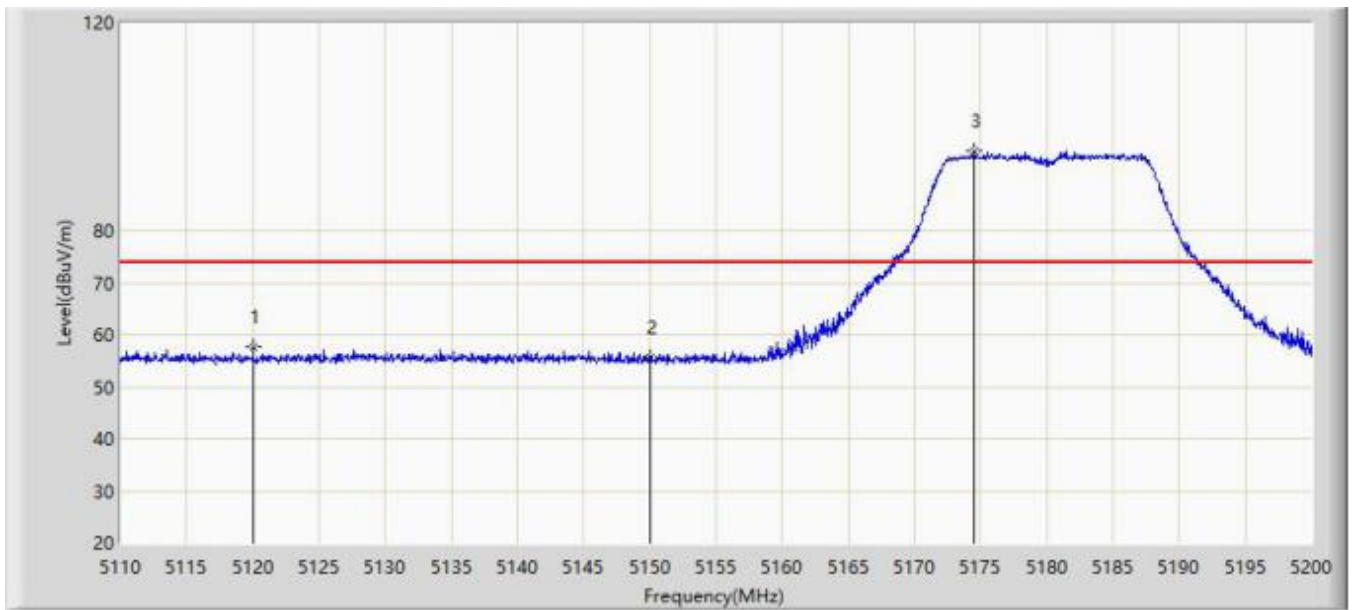
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5120.035	57.771	51.240	-16.229	74.000	6.531	PK
2			5150.000	55.709	49.312	-18.291	74.000	6.398	PK
3		*	5174.530	95.391	88.874	N/A	N/A	6.517	PK

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: 2019/10/29 - 21:18
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN 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	42.873	36.476	-11.127	54.000	6.398	AV
2		*	5173.450	83.836	77.329	N/A	N/A	6.507	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: 2019/10/29 - 21:18
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN 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			5138.485	56.492	49.958	-17.508	74.000	6.534	PK
2			5150.000	54.191	47.794	-19.809	74.000	6.398	PK
3		*	5184.925	97.312	90.752	N/A	N/A	6.560	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: 2019/10/29 - 21:19
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	
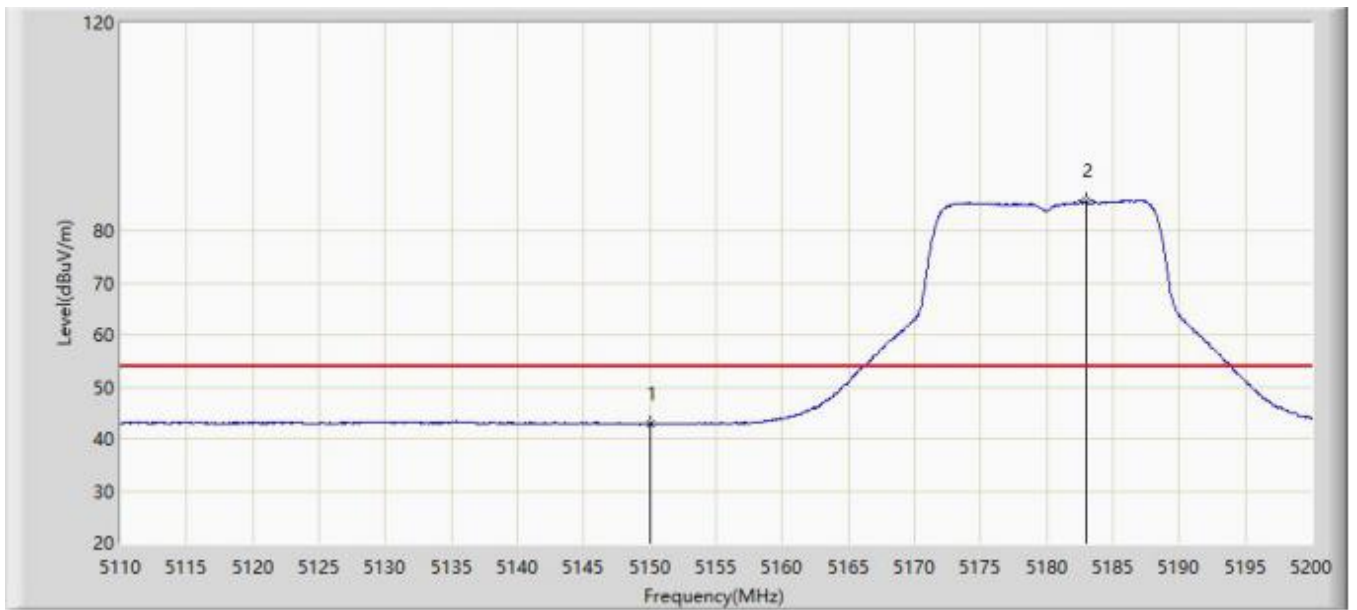
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	42.947	36.550	-11.053	54.000	6.398	AV
2		*	5182.990	85.691	79.112	N/A	N/A	6.579	AV

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

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

| Site: AC2	Time: 2020/02/03 - 11:48
Limit: FCC_Part15.209_RSE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5240MHz	
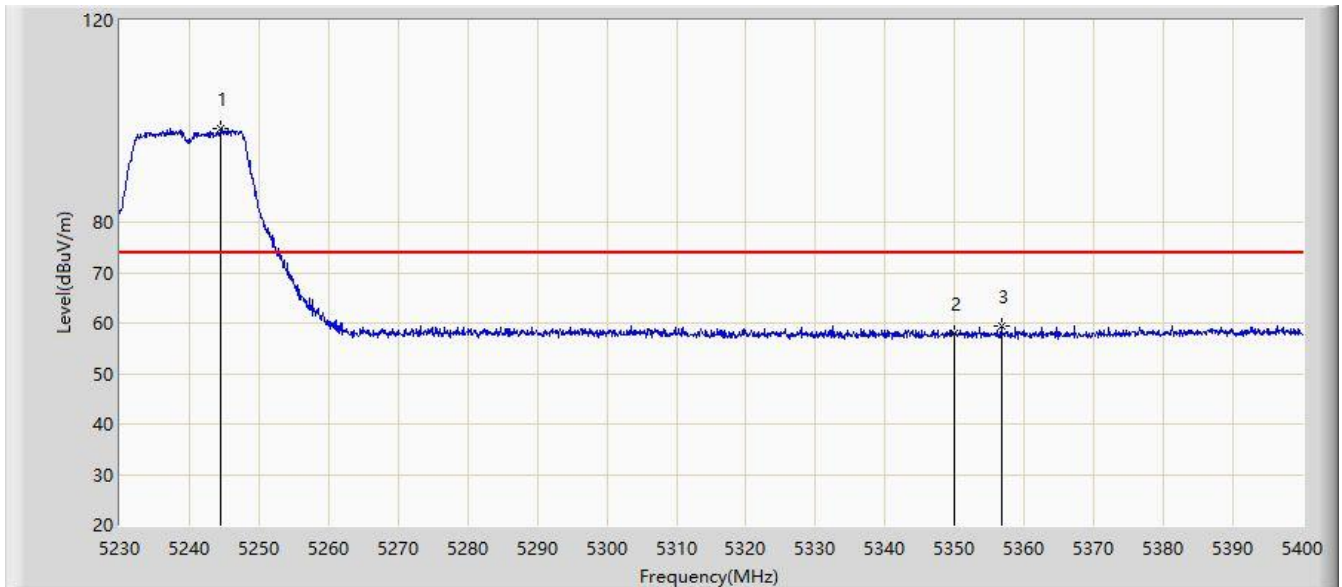
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5244.450	98.476	94.529	24.476	74.000	3.946	PK
2			5350.000	57.982	53.805	-16.018	74.000	4.177	PK
3			5356.650	59.295	55.089	-14.705	74.000	4.206	PK

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

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

| Site: AC2	Time: 2020/02/03 - 11:52
Limit: FCC_Part15.209_RSE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5240MHz	
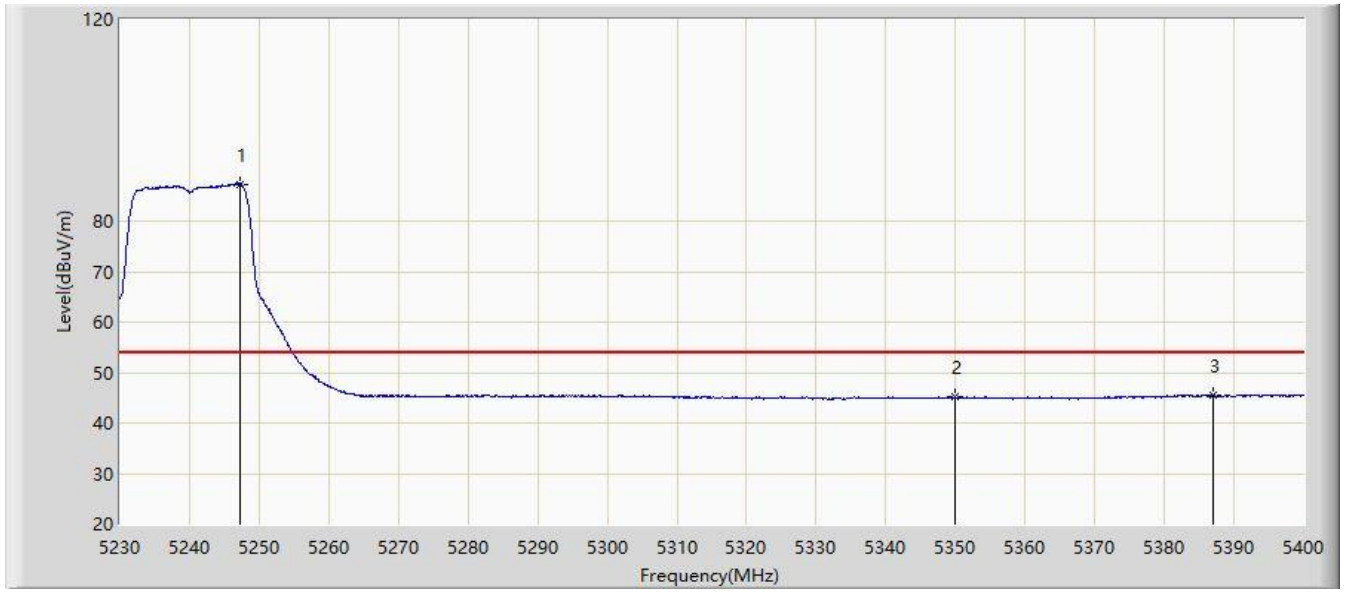
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5247.170	87.290	83.299	33.290	54.000	3.990	AV
2			5350.000	45.078	40.901	-8.922	54.000	4.177	AV
3			5386.995	45.561	40.946	-8.439	54.000	4.615	AV

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

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

| Site: AC2	Time: 2020/02/03 - 11:40
Limit: FCC_Part15.209_RSE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5240MHz	
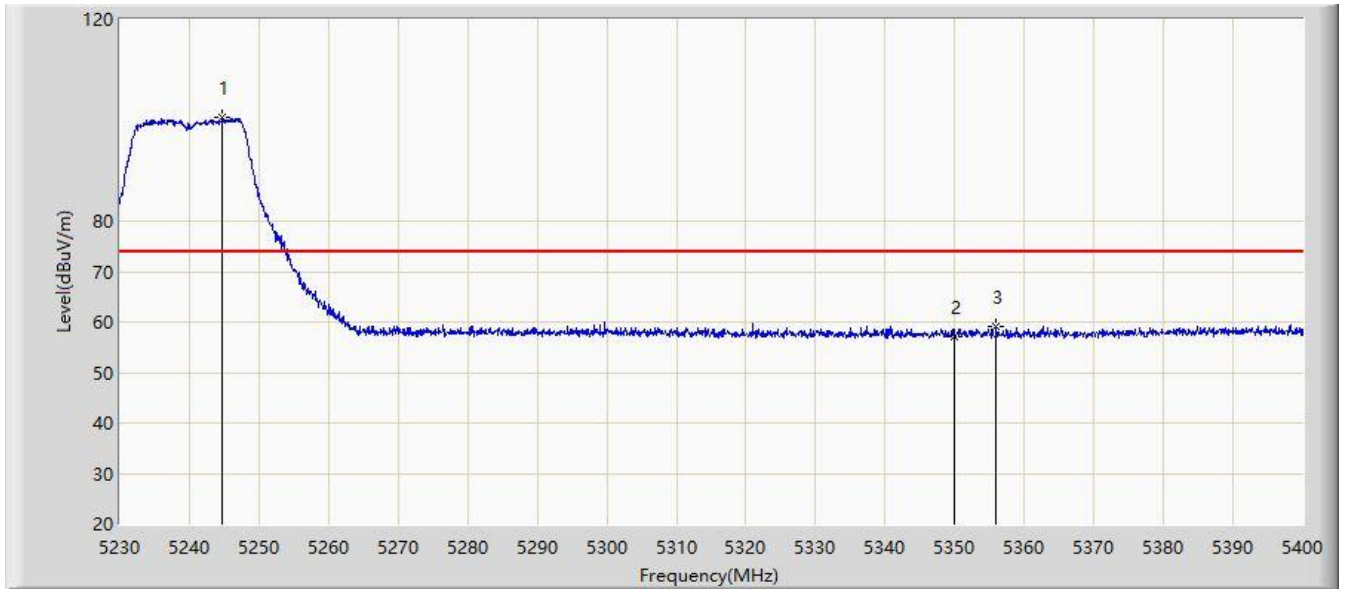
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5244.790	100.608	96.655	26.608	74.000	3.953	PK
2			5350.000	57.109	52.932	-16.891	74.000	4.177	PK
3			5355.970	59.121	54.918	-14.879	74.000	4.204	PK

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

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

| Site: AC2	Time: 2020/02/03 - 11:47
Limit: FCC_Part15.209_RSE(3m)	Engineer: Milo Li
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5240MHz	
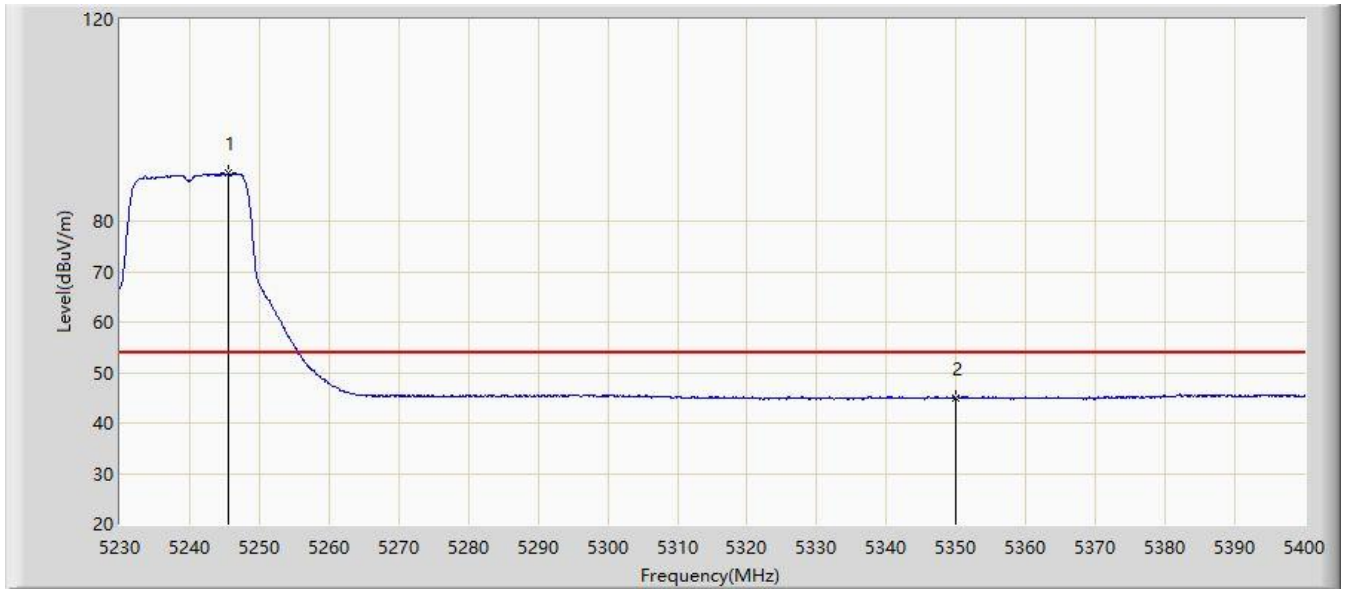
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5245.470	89.444	85.480	35.444	54.000	3.964	AV
2			5350.000	45.017	40.840	-8.983	54.000	4.177	AV

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: 2019/10/29 - 21:31
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	
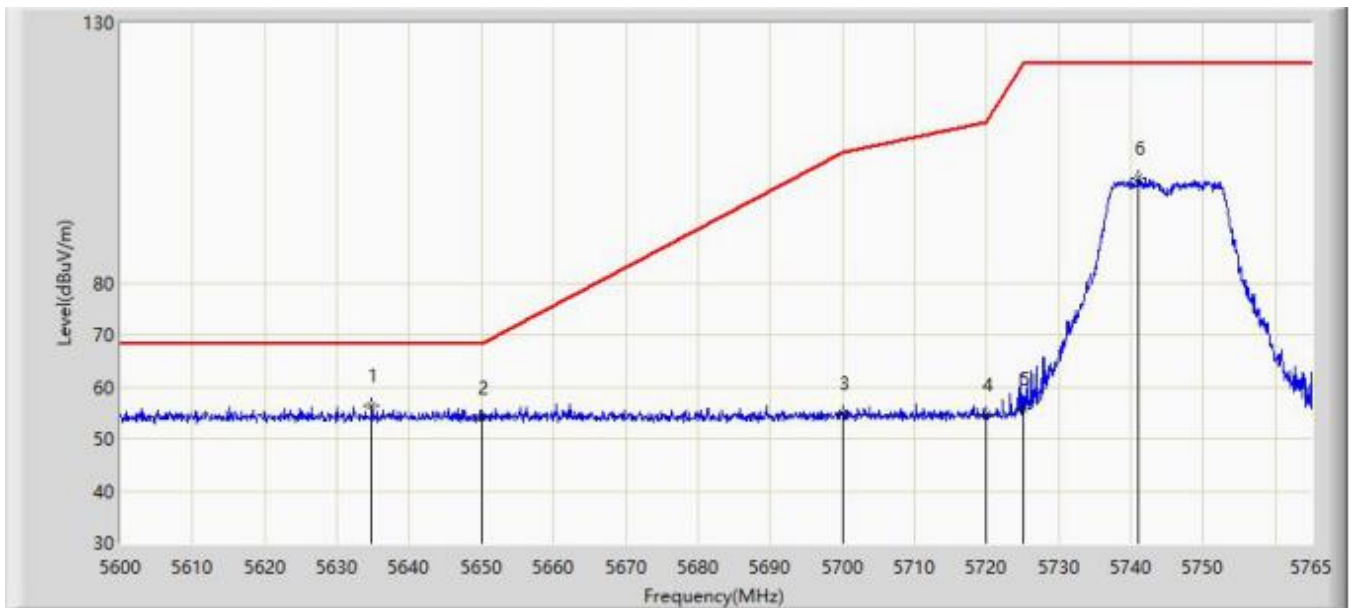
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5634.732	56.266	49.475	-11.934	68.200	6.792	PK
2			5650.000	54.056	47.263	-14.144	68.200	6.793	PK
3			5700.000	55.042	48.133	-50.158	105.200	6.909	PK
4			5720.000	54.561	47.657	-56.239	110.800	6.904	PK
5			5725.000	55.776	48.909	-66.424	122.200	6.867	PK
6			5740.993	100.184	93.222	N/A	N/A	6.962	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: 2019/10/29 - 21:33
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz	
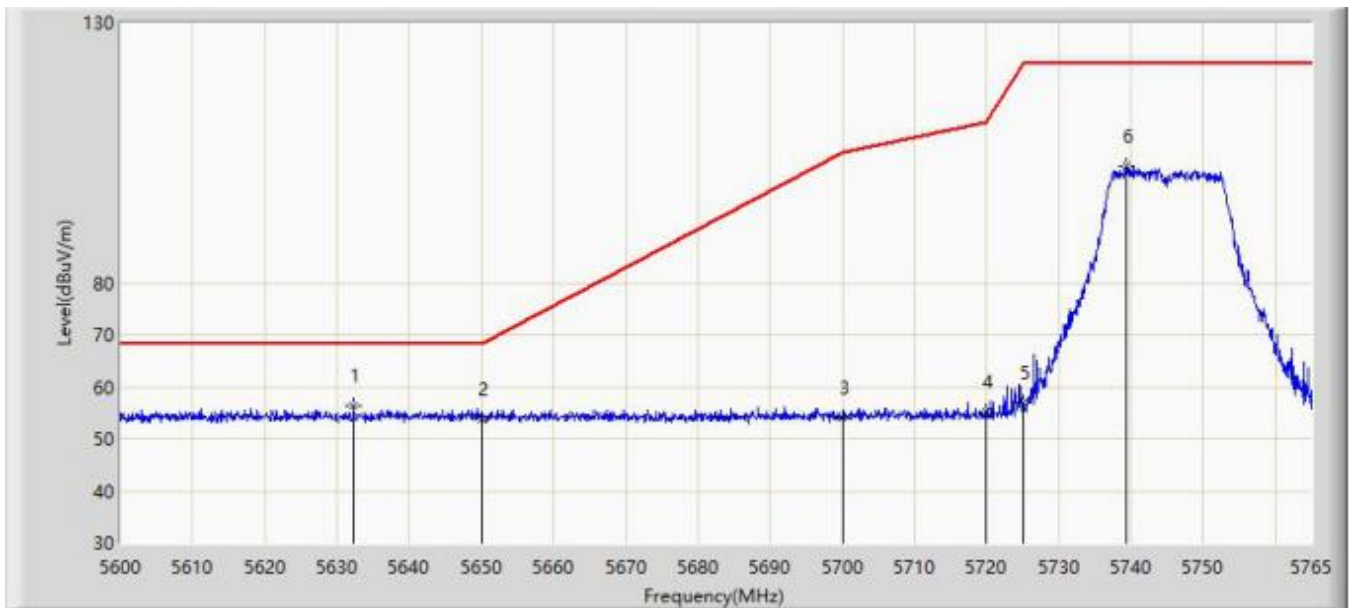
No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5632.340	56.419	49.643	-11.781	68.200	6.776	PK
2			5650.000	53.760	46.967	-14.440	68.200	6.793	PK
3			5700.000	54.184	47.275	-51.016	105.200	6.909	PK
4			5720.000	55.162	48.258	-55.638	110.800	6.904	PK
5			5725.000	56.926	50.059	-65.274	122.200	6.867	PK
6			5739.260	102.357	95.406	N/A	N/A	6.950	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: 2019/10/29 - 21:34
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	
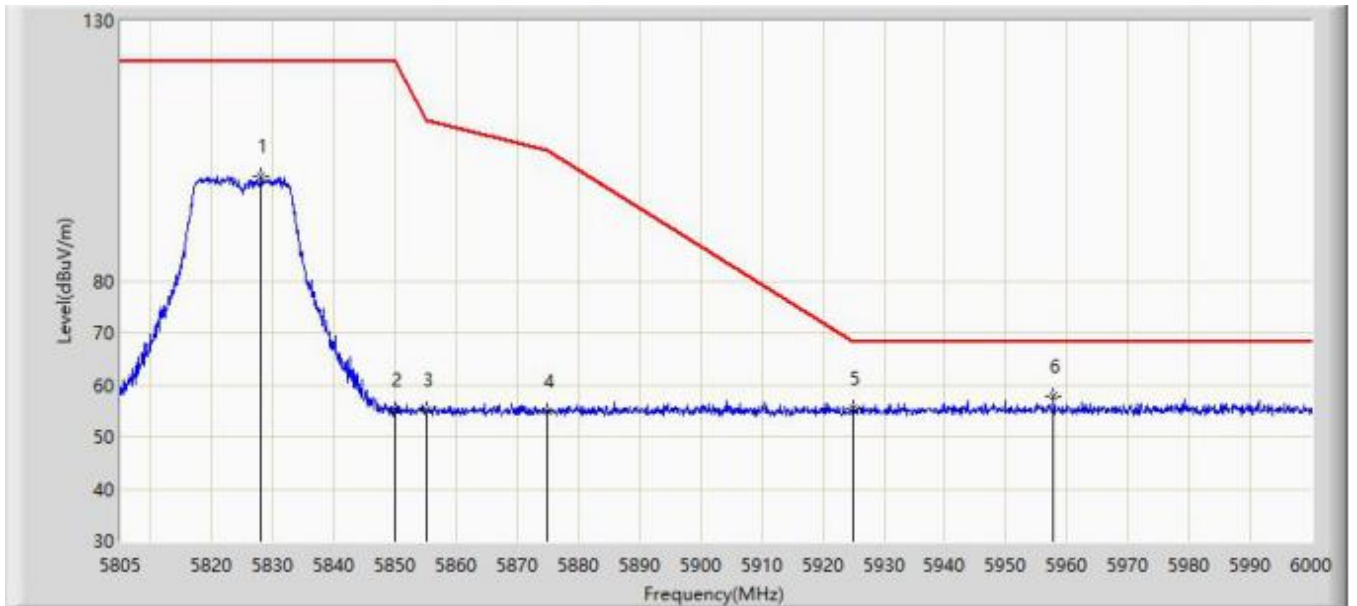
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5828.010	100.283	92.898	N/A	N/A	7.385	PK
2			5850.000	55.294	47.964	-66.906	122.200	7.331	PK
3			5855.000	55.138	47.810	-55.662	110.800	7.327	PK
4			5875.000	54.991	47.577	-50.209	105.200	7.414	PK
5			5925.000	55.402	48.102	-12.798	68.200	7.299	PK
6		*	5957.783	57.752	50.321	-10.448	68.200	7.431	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: 2019/10/29 - 21:36
Limit: FCC_Part15.209_RSE(3m)	Engineer: Cloud Guo
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HAN Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz	
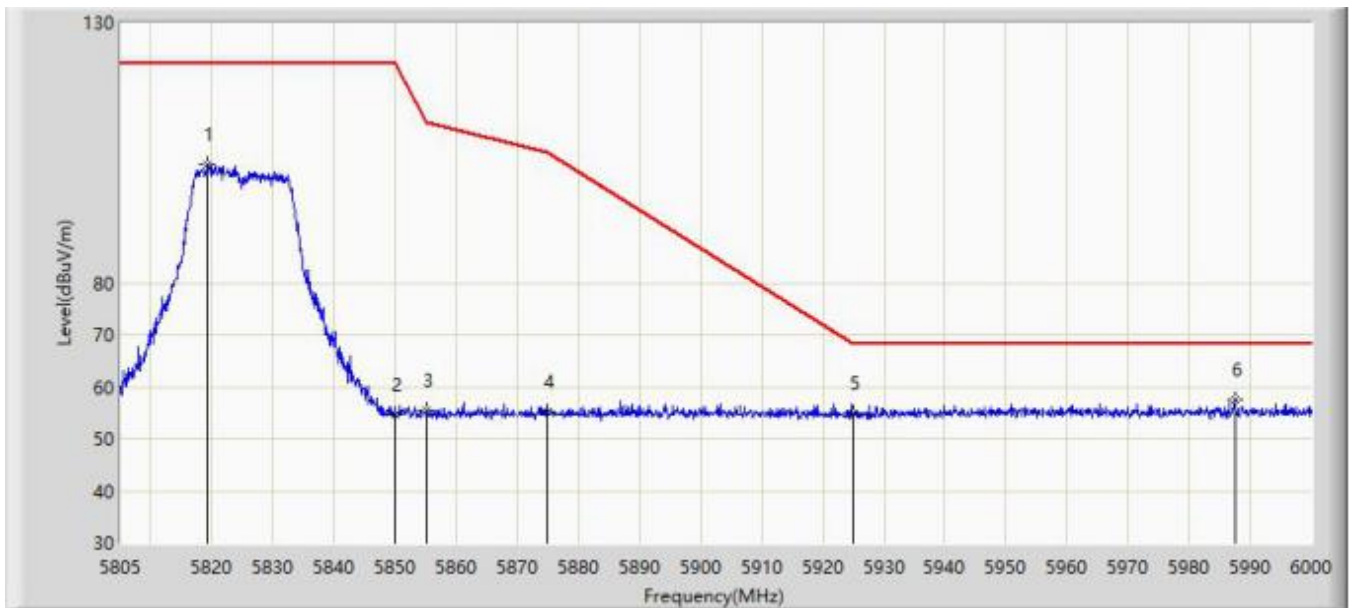
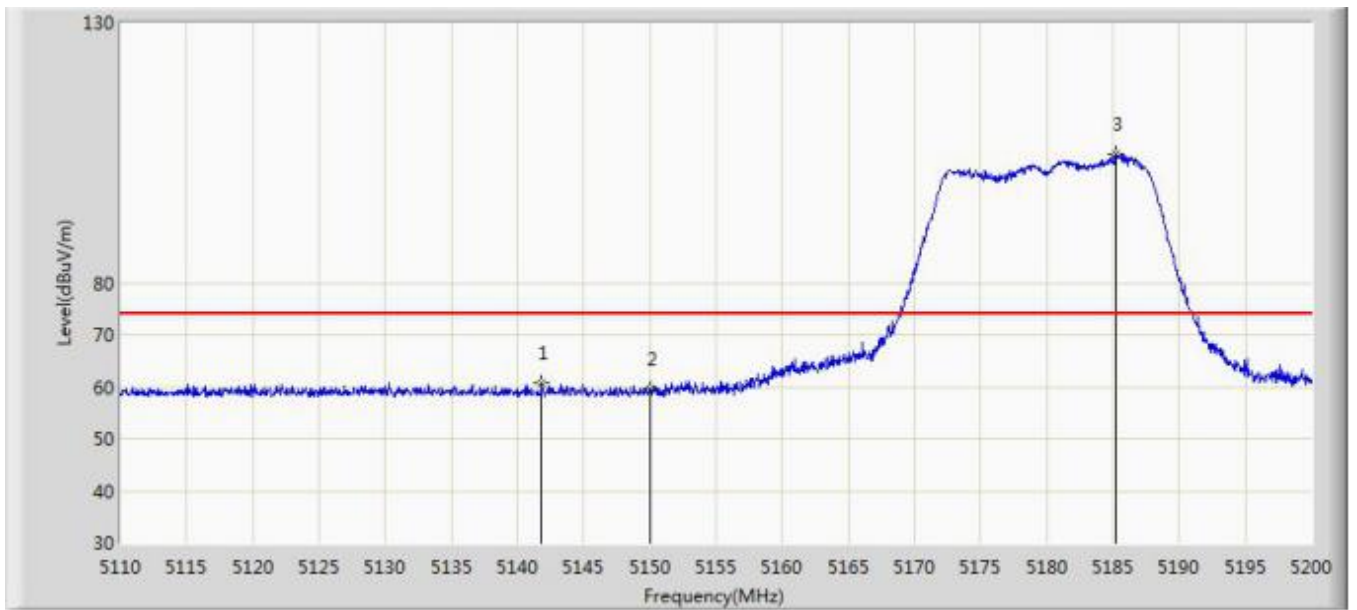| No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.235	102.861	95.607	N/A	N/A	7.253	PK
2			5850.000	54.682	47.352	-67.518	122.200	7.331	PK
3			5855.000	55.441	48.113	-55.359	110.800	7.327	PK
4			5875.000	55.176	47.762	-50.024	105.200	7.414	PK
5			5925.000	54.807	47.507	-13.393	68.200	7.299	PK
6		*	5987.422	57.672	50.272	-10.528	68.200	7.400	PK

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

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

For AP321e (CDD Mode)

Site: AC1	Time: 2019/10/18 - 07:50
Limit: FCC_Part15.209_RSE(3m)	Engineer: Bacon Dong
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HAN 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			5141.815	60.596	54.112	-13.404	74.000	6.484	PK
2			5150.000	59.611	53.214	-14.389	74.000	6.398	PK
3		*	5185.195	104.742	98.184	N/A	N/A	6.557	PK

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

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