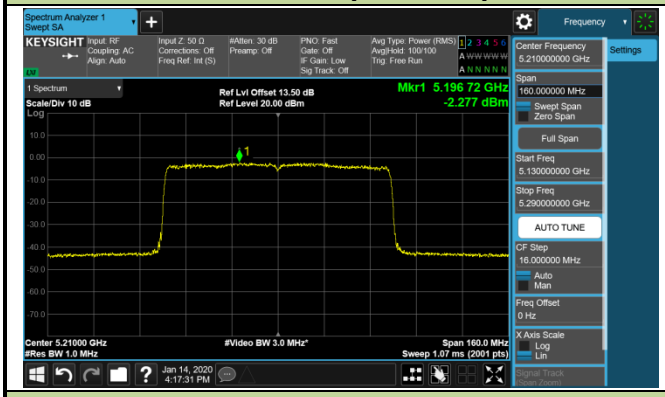
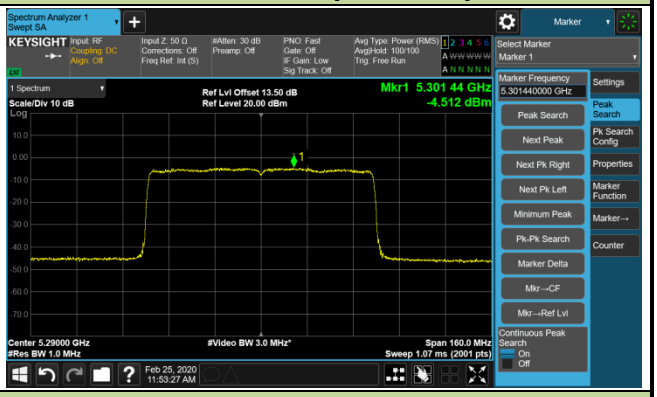
802.11ax-HE80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (CDD Mode)

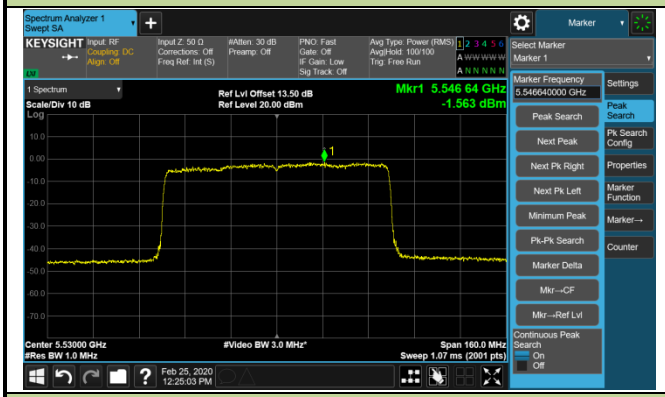
Channel 42 (5210MHz)



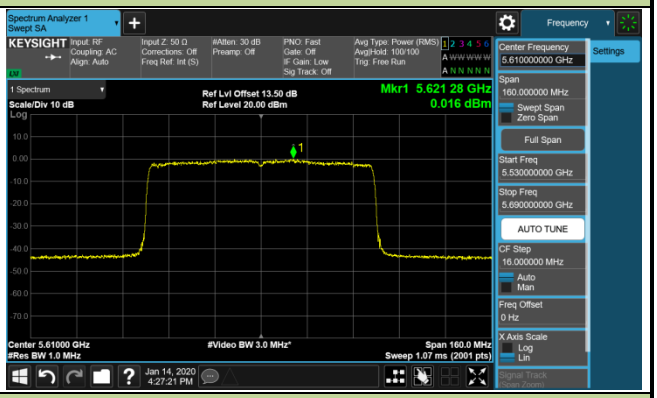
Channel 58 (5290MHz)



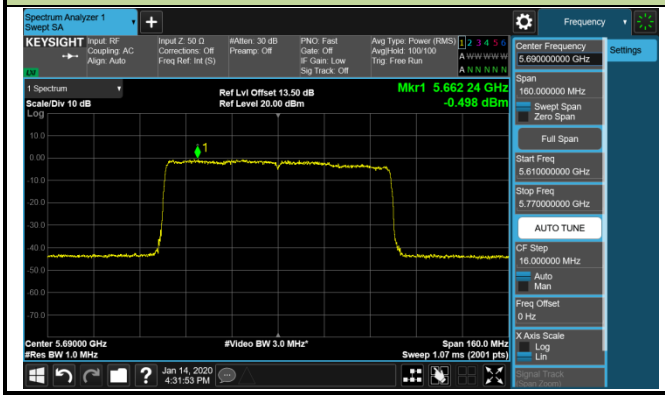
Channel 106 (5530MHz)



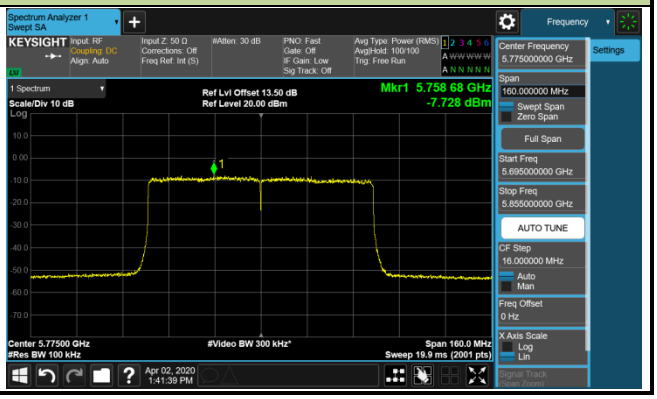
Channel 122 (5610MHz)

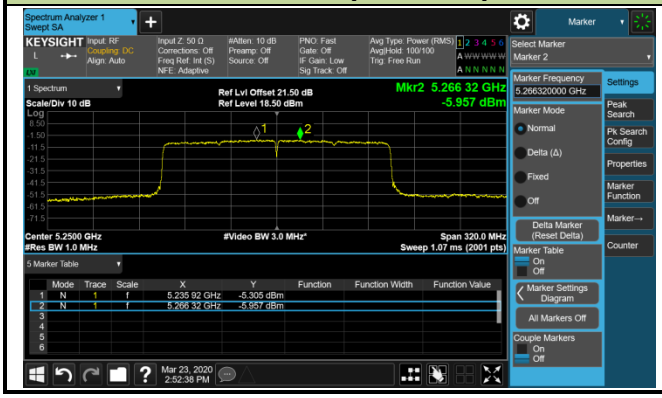
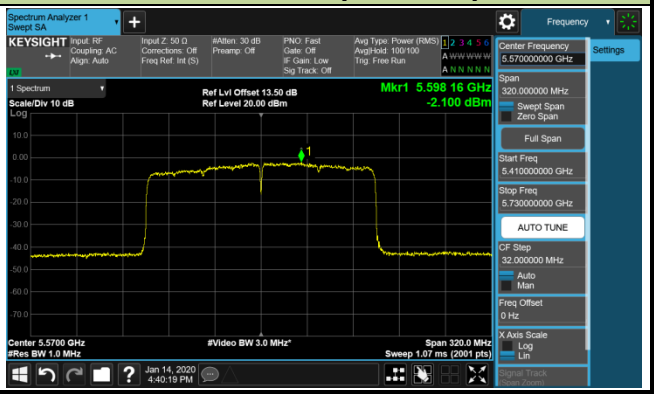


Channel 138 (5690MHz)



Channel 155 (5775MHz)



802.11ax-HE160 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (CDD Mode)	
Channel 50 (5250MHz)	Channel 114 (5570MHz)
	

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

While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.

Frequency Stability Under Temperature Variations:

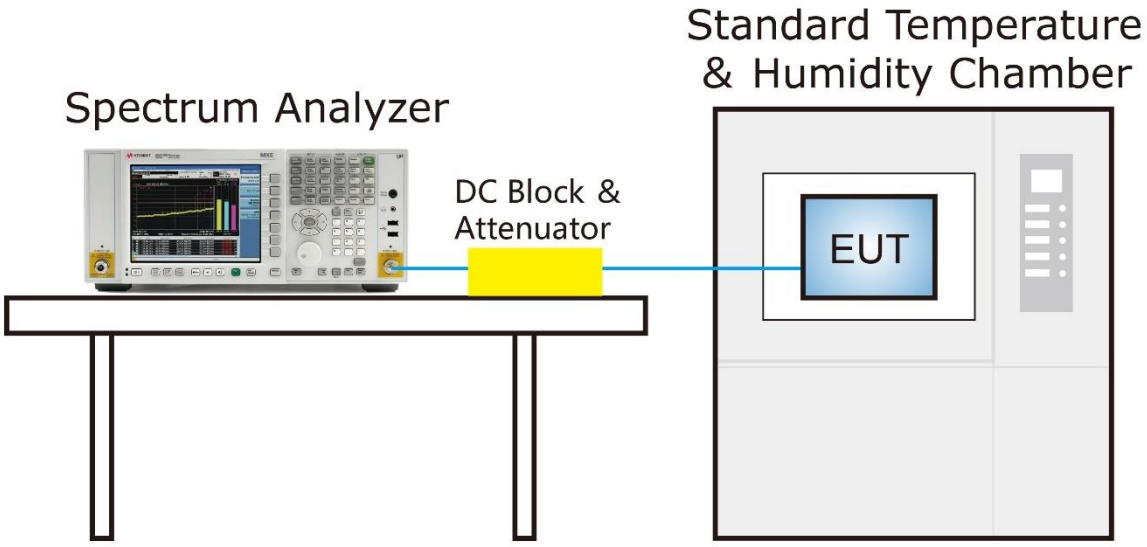
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain 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	Kevin Ker	Temperature	-30 ~ 50°C
Test Time	2020/01/16	Relative Humidity	46 ~ 56%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	SR2

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-5.79	-5.85	-6.34	-6.74
		- 20	-5.57	-5.94	-6.73	-6.66
		- 10	-5.57	-5.84	-6.50	-6.65
		0	-6.12	-6.06	-6.65	-6.77
		+ 10	-6.30	-6.39	-6.52	-6.22
		+ 20 (Ref)	-6.31	-6.28	-5.96	-6.75
		+ 30	-5.66	-5.92	-6.27	-6.57
		+ 40	-6.20	-6.04	-6.25	-6.10
		+ 50	-5.99	-5.96	-6.01	-6.20
115%	138	+ 20	-5.60	-5.72	-6.37	-6.21
85%	102	+ 20	-6.28	-6.27	-5.98	-6.38

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

7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.8.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

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

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

7.8.3.Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1GHz

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

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Peak Measurements above 1GHz

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

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

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

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

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

4. Detector = Peak

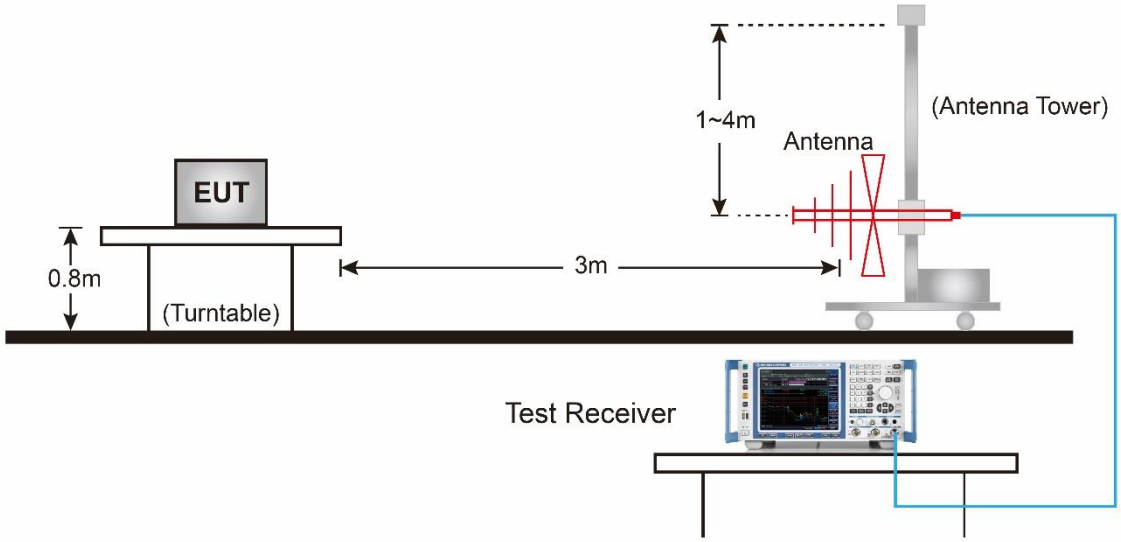
5. Sweep time = auto

6. Trace mode = max hold

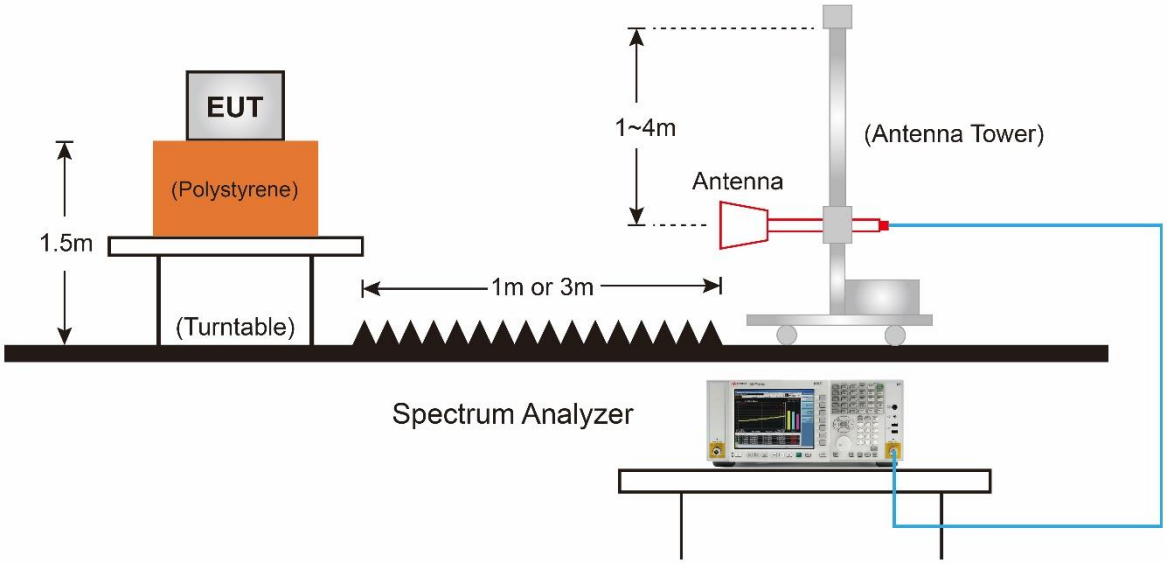
7. Trace was allowed to stabilize

7.8.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.8.5.Test Result

Antenna Model: AP-ANT-20W

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	32.6	11.8	44.4	54.0	-9.6	Peak	Horizontal
	8250.5	31.0	12.3	43.3	54.0	-10.7	Peak	Horizontal
*	8735.0	30.7	13.1	43.8	68.2	-24.4	Peak	Horizontal
*	10035.5	30.0	15.4	45.4	68.2	-22.8	Peak	Horizontal
	7502.5	31.9	11.7	43.6	54.0	-10.4	Peak	Vertical
	8276.0	31.0	12.4	43.4	54.0	-10.6	Peak	Vertical
*	8811.5	30.0	13.3	43.3	68.2	-24.9	Peak	Vertical
*	10018.5	29.1	15.3	44.4	68.2	-23.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7485.5	32.0	11.7	43.7	54.0	-10.3	Peak	Horizontal
	8284.5	30.6	12.4	43.0	54.0	-11.0	Peak	Horizontal
*	8820.0	29.6	13.3	42.9	68.2	-25.3	Peak	Horizontal
*	10052.5	29.4	15.4	44.8	68.2	-23.4	Peak	Horizontal
	7511.0	30.4	11.7	42.1	54.0	-11.9	Peak	Vertical
	8310.0	29.9	12.4	42.3	54.0	-11.7	Peak	Vertical
*	8786.0	29.7	13.2	42.9	68.2	-25.3	Peak	Vertical
*	9874.0	29.8	14.9	44.7	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7587.5	32.5	11.8	44.3	54.0	-9.7	Peak	Horizontal
	8267.5	30.5	12.4	42.9	54.0	-11.1	Peak	Horizontal
*	8726.5	29.9	13.1	43.0	68.2	-25.2	Peak	Horizontal
*	10086.5	28.8	15.5	44.3	68.2	-23.9	Peak	Horizontal
	7536.5	31.2	11.8	43.0	54.0	-11.0	Peak	Vertical
	8327.0	29.5	12.4	41.9	54.0	-12.1	Peak	Vertical
*	8752.0	29.7	13.1	42.8	68.2	-25.4	Peak	Vertical
*	9933.5	29.5	15.0	44.5	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	31.6	11.8	43.4	54.0	-10.6	Peak	Horizontal
	8293.0	30.9	12.4	43.3	54.0	-10.7	Peak	Horizontal
*	8692.5	30.7	13.0	43.7	68.2	-24.5	Peak	Horizontal
*	9925.0	29.8	15.0	44.8	68.2	-23.4	Peak	Horizontal
	7502.5	32.0	11.7	43.7	54.0	-10.3	Peak	Vertical
	8250.5	31.1	12.3	43.4	54.0	-10.6	Peak	Vertical
*	8752.0	30.3	13.1	43.4	68.2	-24.8	Peak	Vertical
*	10069.5	29.0	15.5	44.5	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7519.5	31.4	11.7	43.1	54.0	-10.9	Peak	Horizontal
	8293.0	30.1	12.4	42.5	54.0	-11.5	Peak	Horizontal
*	8811.5	29.6	13.3	42.9	68.2	-25.3	Peak	Horizontal
*	10103.5	28.8	15.6	44.4	68.2	-23.8	Peak	Horizontal
	7502.5	32.6	11.7	44.3	54.0	-9.7	Peak	Vertical
	8276.0	32.5	12.4	44.9	54.0	-9.1	Peak	Vertical
*	8743.5	31.0	13.1	44.1	68.2	-24.1	Peak	Vertical
*	9959.0	29.6	15.1	44.7	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7621.5	32.1	11.8	43.9	54.0	-10.1	Peak	Horizontal
	8318.5	31.8	12.4	44.2	54.0	-9.8	Peak	Horizontal
*	8871.0	30.9	13.4	44.3	68.2	-23.9	Peak	Horizontal
*	10086.5	30.8	15.5	46.3	68.2	-21.9	Peak	Horizontal
	7519.5	32.1	11.7	43.8	54.0	-10.2	Peak	Vertical
	8344.0	31.9	12.4	44.3	54.0	-9.7	Peak	Vertical
*	8769.0	31.8	13.2	45.0	68.2	-23.2	Peak	Vertical
*	10086.5	31.1	15.5	46.6	68.2	-21.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.2	11.8	45.0	54.0	-9.0	Peak	Horizontal
	8318.5	31.8	12.4	44.2	54.0	-9.8	Peak	Horizontal
*	8735.0	31.5	13.1	44.6	68.2	-23.6	Peak	Horizontal
*	10103.5	30.8	15.6	46.4	68.2	-21.8	Peak	Horizontal
	7536.5	32.9	11.8	44.7	54.0	-9.3	Peak	Vertical
	8344.0	31.8	12.4	44.2	54.0	-9.8	Peak	Vertical
*	8760.5	31.6	13.2	44.8	68.2	-23.4	Peak	Vertical
*	10086.5	30.8	15.5	46.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	34.2	11.8	46.0	54.0	-8.0	Peak	Horizontal
	8216.5	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
*	8811.5	31.8	13.3	45.1	68.2	-23.1	Peak	Horizontal
*	9942.0	32.2	15.1	47.3	68.2	-20.9	Peak	Horizontal
	7511.0	32.9	11.7	44.6	54.0	-9.4	Peak	Vertical
	8361.0	31.3	12.4	43.7	54.0	-10.3	Peak	Vertical
*	8769.0	32.0	13.2	45.2	68.2	-23.0	Peak	Vertical
*	10154.5	30.3	15.8	46.1	68.2	-22.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.7	11.7	44.4	54.0	-9.6	Peak	Horizontal
	8293.0	32.2	12.4	44.6	54.0	-9.4	Peak	Horizontal
*	8828.5	31.3	13.3	44.6	68.2	-23.6	Peak	Horizontal
*	10078.0	30.8	15.5	46.3	68.2	-21.9	Peak	Horizontal
	7494.0	33.8	11.7	45.5	54.0	-8.5	Peak	Vertical
	8310.0	32.0	12.4	44.4	54.0	-9.6	Peak	Vertical
*	8854.0	31.3	13.4	44.7	68.2	-23.5	Peak	Vertical
*	10095.0	30.5	15.6	46.1	68.2	-22.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7502.5	33.6	11.7	45.3	54.0	-8.7	Peak	Horizontal
	8284.5	32.1	12.4	44.5	54.0	-9.5	Peak	Horizontal
*	8692.5	32.2	13.0	45.2	68.2	-23.0	Peak	Horizontal
*	10095.0	30.4	15.6	46.0	68.2	-22.2	Peak	Horizontal
	7477.0	33.3	11.7	45.0	54.0	-9.0	Peak	Vertical
	8284.5	32.2	12.4	44.6	54.0	-9.4	Peak	Vertical
*	8667.0	31.5	12.9	44.4	68.2	-23.8	Peak	Vertical
*	10103.5	30.4	15.6	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7570.5	33.5	11.8	45.3	54.0	-8.7	Peak	Horizontal
	8310.0	32.9	12.4	45.3	54.0	-8.7	Peak	Horizontal
*	8828.5	31.7	13.3	45.0	68.2	-23.2	Peak	Horizontal
*	9899.5	32.1	14.9	47.0	68.2	-21.2	Peak	Horizontal
	7536.5	33.8	11.8	45.6	54.0	-8.4	Peak	Vertical
	8267.5	32.2	12.4	44.6	54.0	-9.4	Peak	Vertical
*	8735.0	32.1	13.1	45.2	68.2	-23.0	Peak	Vertical
*	10078.0	31.2	15.5	46.7	68.2	-21.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7502.5	33.1	11.7	44.8	54.0	-9.2	Peak	Horizontal
	8344.0	32.4	12.4	44.8	54.0	-9.2	Peak	Horizontal
*	8735.0	31.7	13.1	44.8	68.2	-23.4	Peak	Horizontal
*	10086.5	30.7	15.5	46.2	68.2	-22.0	Peak	Horizontal
	7485.5	34.1	11.7	45.8	54.0	-8.2	Peak	Vertical
	8284.5	33.0	12.4	45.4	54.0	-8.6	Peak	Vertical
*	8811.5	31.6	13.3	44.9	68.2	-23.3	Peak	Vertical
*	10103.5	30.6	15.6	46.2	68.2	-22.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7494.0	34.2	11.7	45.9	54.0	-8.1	Peak	Horizontal
	8293.0	32.2	12.4	44.6	54.0	-9.4	Peak	Horizontal
*	8752.0	31.5	13.1	44.6	68.2	-23.6	Peak	Horizontal
*	10112.0	30.6	15.6	46.2	68.2	-22.0	Peak	Horizontal
	7570.5	33.1	11.8	44.9	54.0	-9.1	Peak	Vertical
	8276.0	31.7	12.4	44.1	54.0	-9.9	Peak	Vertical
*	8735.0	31.7	13.1	44.8	68.2	-23.4	Peak	Vertical
*	10044.0	30.6	15.4	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7570.5	33.3	11.8	45.1	54.0	-8.9	Peak	Horizontal
	8327.0	31.2	12.4	43.6	54.0	-10.4	Peak	Horizontal
*	8769.0	32.5	13.2	45.7	68.2	-22.5	Peak	Horizontal
*	10086.5	30.6	15.5	46.1	68.2	-22.1	Peak	Horizontal
	7553.5	33.5	11.8	45.3	54.0	-8.7	Peak	Vertical
	8301.5	31.6	12.4	44.0	54.0	-10.0	Peak	Vertical
*	8709.5	31.8	13.0	44.8	68.2	-23.4	Peak	Vertical
*	10095.0	30.4	15.6	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7511.0	32.9	11.7	44.6	54.0	-9.4	Peak	Horizontal
	8352.5	32.3	12.4	44.7	54.0	-9.3	Peak	Horizontal
*	8726.5	31.2	13.1	44.3	68.2	-23.9	Peak	Horizontal
*	10095.0	30.4	15.6	46.0	68.2	-22.2	Peak	Horizontal
	7468.5	34.0	11.6	45.6	54.0	-8.4	Peak	Vertical
	8250.5	33.6	12.3	45.9	54.0	-8.1	Peak	Vertical
*	8777.5	32.8	13.2	46.0	68.2	-22.2	Peak	Vertical
*	10018.5	32.1	15.3	47.4	68.2	-20.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	31.9	11.8	43.7	54.0	-10.3	Peak	Horizontal
	8386.5	31.5	12.4	43.9	54.0	-10.1	Peak	Horizontal
*	8845.5	31.3	13.4	44.7	68.2	-23.5	Peak	Horizontal
*	9874.0	31.7	14.9	46.6	68.2	-21.6	Peak	Horizontal
	7511.0	33.0	11.7	44.7	54.0	-9.3	Peak	Vertical
	8310.0	32.2	12.4	44.6	54.0	-9.4	Peak	Vertical
*	8769.0	32.0	13.2	45.2	68.2	-23.0	Peak	Vertical
*	9950.5	31.2	15.1	46.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7604.5	34.7	11.8	46.5	54.0	-7.5	Peak	Horizontal
	8352.5	33.1	12.4	45.5	54.0	-8.5	Peak	Horizontal
*	8735.0	32.0	13.1	45.1	68.2	-23.1	Peak	Horizontal
*	10086.5	31.1	15.5	46.6	68.2	-21.6	Peak	Horizontal
	7477.0	33.5	11.7	45.2	54.0	-8.8	Peak	Vertical
	8242.0	32.8	12.3	45.1	54.0	-8.9	Peak	Vertical
*	8709.5	31.8	13.0	44.8	68.2	-23.4	Peak	Vertical
*	10095.0	30.5	15.6	46.1	68.2	-22.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7494.0	34.1	11.7	45.8	54.0	-8.2	Peak	Horizontal
	8267.5	33.1	12.4	45.5	54.0	-8.5	Peak	Horizontal
*	8692.5	32.4	13.0	45.4	68.2	-22.8	Peak	Horizontal
*	10214.0	32.2	16.0	48.2	68.2	-20.0	Peak	Horizontal
	7553.5	34.0	11.8	45.8	54.0	-8.2	Peak	Vertical
	8335.5	32.7	12.4	45.1	54.0	-8.9	Peak	Vertical
*	8854.0	31.3	13.4	44.7	68.2	-23.5	Peak	Vertical
*	10052.5	30.8	15.4	46.2	68.2	-22.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	33.6	11.8	45.4	54.0	-8.6	Peak	Horizontal
	8276.0	32.5	12.4	44.9	54.0	-9.1	Peak	Horizontal
*	8752.0	31.9	13.1	45.0	68.2	-23.2	Peak	Horizontal
*	10027.0	31.2	15.4	46.6	68.2	-21.6	Peak	Horizontal
	7460.0	33.2	11.6	44.8	54.0	-9.2	Peak	Vertical
	8378.0	31.1	12.4	43.5	54.0	-10.5	Peak	Vertical
*	8905.0	31.2	13.5	44.7	68.2	-23.5	Peak	Vertical
*	9789.0	31.6	14.6	46.2	68.2	-22.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.8	11.8	45.6	54.0	-8.4	Peak	Horizontal
	8276.0	32.2	12.4	44.6	54.0	-9.4	Peak	Horizontal
*	8735.0	31.1	13.1	44.2	68.2	-24.0	Peak	Horizontal
*	9942.0	31.8	15.1	46.9	68.2	-21.3	Peak	Horizontal
	7502.5	32.9	11.7	44.6	54.0	-9.4	Peak	Vertical
	8242.0	32.8	12.3	45.1	54.0	-8.9	Peak	Vertical
*	8862.5	31.9	13.4	45.3	68.2	-22.9	Peak	Vertical
*	10027.0	30.8	15.4	46.2	68.2	-22.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	32.1	11.8	43.9	54.0	-10.1	Peak	Horizontal
	8310.0	31.5	12.4	43.9	54.0	-10.1	Peak	Horizontal
*	8709.5	30.4	13.0	43.4	68.2	-24.8	Peak	Horizontal
*	9967.5	29.7	15.2	44.9	68.2	-23.3	Peak	Horizontal
	7477.0	32.7	11.7	44.4	54.0	-9.6	Peak	Vertical
	8259.0	32.1	12.4	44.5	54.0	-9.5	Peak	Vertical
*	8726.5	32.7	13.1	45.8	68.2	-22.4	Peak	Vertical
*	9942.0	31.4	15.1	46.5	68.2	-21.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7511.0	32.3	11.7	44.0	54.0	-10.0	Peak	Horizontal
	8369.5	31.4	12.4	43.8	54.0	-10.2	Peak	Horizontal
*	8811.5	31.4	13.3	44.7	68.2	-23.5	Peak	Horizontal
*	10095.0	30.8	15.6	46.4	68.2	-21.8	Peak	Horizontal
	7511.0	32.2	11.7	43.9	54.0	-10.1	Peak	Vertical
	8318.5	31.6	12.4	44.0	54.0	-10.0	Peak	Vertical
*	8769.0	33.4	13.2	46.6	68.2	-21.6	Peak	Vertical
*	10027.0	30.9	15.4	46.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	34.0	11.7	45.7	54.0	-8.3	Peak	Horizontal
	8276.0	32.8	12.4	45.2	54.0	-8.8	Peak	Horizontal
*	8735.0	32.2	13.1	45.3	68.2	-22.9	Peak	Horizontal
*	9959.0	32.1	15.1	47.2	68.2	-21.0	Peak	Horizontal
	7477.0	32.7	11.7	44.4	54.0	-9.6	Peak	Vertical
	8310.0	31.8	12.4	44.2	54.0	-9.8	Peak	Vertical
*	8692.5	31.8	13.0	44.8	68.2	-23.4	Peak	Vertical
*	10044.0	31.2	15.4	46.6	68.2	-21.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	33.6	11.8	45.4	54.0	-8.6	Peak	Horizontal
	8352.5	32.0	12.4	44.4	54.0	-9.6	Peak	Horizontal
*	8811.5	31.7	13.3	45.0	68.2	-23.2	Peak	Horizontal
*	10154.5	30.5	15.8	46.3	68.2	-21.9	Peak	Horizontal
	7443.0	32.5	11.6	44.1	54.0	-9.9	Peak	Vertical
	8310.0	31.5	12.4	43.9	54.0	-10.1	Peak	Vertical
*	8760.5	31.3	13.2	44.5	68.2	-23.7	Peak	Vertical
*	9993.0	31.5	15.2	46.7	68.2	-21.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7579.0	34.0	11.8	45.8	54.0	-8.2	Peak	Horizontal
	8310.0	31.9	12.4	44.3	54.0	-9.7	Peak	Horizontal
*	8811.5	32.3	13.3	45.6	68.2	-22.6	Peak	Horizontal
*	9959.0	31.2	15.1	46.3	68.2	-21.9	Peak	Horizontal
	7511.0	32.1	11.7	43.8	54.0	-10.2	Peak	Vertical
	8344.0	31.5	12.4	43.9	54.0	-10.1	Peak	Vertical
*	8811.5	31.5	13.3	44.8	68.2	-23.4	Peak	Vertical
*	9950.5	31.4	15.1	46.5	68.2	-21.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	32.6	11.7	44.3	54.0	-9.7	Peak	Horizontal
	8242.0	34.5	12.3	46.8	54.0	-7.2	Peak	Horizontal
*	8752.0	33.1	13.1	46.2	68.2	-22.0	Peak	Horizontal
*	10052.5	31.5	15.4	46.9	68.2	-21.3	Peak	Horizontal
	7502.5	33.6	11.7	45.3	54.0	-8.7	Peak	Vertical
	8352.5	31.9	12.4	44.3	54.0	-9.7	Peak	Vertical
*	8743.5	33.1	13.1	46.2	68.2	-22.0	Peak	Vertical
*	9942.0	31.9	15.1	47.0	68.2	-21.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7562.0	33.1	11.8	44.9	54.0	-9.1	Peak	Horizontal
	8318.5	31.0	12.4	43.4	54.0	-10.6	Peak	Horizontal
*	8786.0	30.6	13.2	43.8	68.2	-24.4	Peak	Horizontal
*	10044.0	30.3	15.4	45.7	68.2	-22.5	Peak	Horizontal
	7528.0	31.3	11.7	43.0	54.0	-11.0	Peak	Vertical
	8276.0	31.2	12.4	43.6	54.0	-10.4	Peak	Vertical
*	8854.0	29.9	13.4	43.3	68.2	-24.9	Peak	Vertical
*	10044.0	29.6	15.4	45.0	68.2	-23.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	30.7	11.7	42.4	54.0	-11.6	Peak	Horizontal
	8199.5	30.8	12.3	43.1	54.0	-10.9	Peak	Horizontal
*	8786.0	29.7	13.2	42.9	68.2	-25.3	Peak	Horizontal
*	9950.5	29.6	15.1	44.7	68.2	-23.5	Peak	Horizontal
	7502.5	30.3	11.7	42.0	54.0	-12.0	Peak	Vertical
	8284.5	31.0	12.4	43.4	54.0	-10.6	Peak	Vertical
*	8735.0	30.4	13.1	43.5	68.2	-24.7	Peak	Vertical
*	10027.0	29.4	15.4	44.8	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	31.5	11.8	43.3	54.0	-10.7	Peak	Horizontal
	8301.5	30.8	12.4	43.2	54.0	-10.8	Peak	Horizontal
*	8769.0	30.3	13.2	43.5	68.2	-24.7	Peak	Horizontal
*	9984.5	29.9	15.2	45.1	68.2	-23.1	Peak	Horizontal
	7536.5	30.5	11.8	42.3	54.0	-11.7	Peak	Vertical
	8310.0	30.4	12.4	42.8	54.0	-11.2	Peak	Vertical
*	8811.5	29.7	13.3	43.0	68.2	-25.2	Peak	Vertical
*	9857.0	30.8	14.8	45.6	68.2	-22.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	33.2	11.7	44.9	54.0	-9.1	Peak	Horizontal
	8276.0	31.9	12.4	44.3	54.0	-9.7	Peak	Horizontal
*	8735.0	31.5	13.1	44.6	68.2	-23.6	Peak	Horizontal
*	9967.5	30.0	15.2	45.2	68.2	-23.0	Peak	Horizontal
	7468.5	32.2	11.6	43.8	54.0	-10.2	Peak	Vertical
	8276.0	31.8	12.4	44.2	54.0	-9.8	Peak	Vertical
*	8743.5	32.0	13.1	45.1	68.2	-23.1	Peak	Vertical
*	9908.0	30.7	15.0	45.7	68.2	-22.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7519.5	31.7	11.7	43.4	54.0	-10.6	Peak	Horizontal
	8225.0	31.2	12.3	43.5	54.0	-10.5	Peak	Horizontal
*	8735.0	31.4	13.1	44.5	68.2	-23.7	Peak	Horizontal
*	10035.5	30.0	15.4	45.4	68.2	-22.8	Peak	Horizontal
	7502.5	32.7	11.7	44.4	54.0	-9.6	Peak	Vertical
	8242.0	32.1	12.3	44.4	54.0	-9.6	Peak	Vertical
*	8735.0	32.0	13.1	45.1	68.2	-23.1	Peak	Vertical
*	9831.5	30.9	14.7	45.6	68.2	-22.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	118
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.1	11.7	43.8	54.0	-10.2	Peak	Horizontal
	8335.5	31.4	12.4	43.8	54.0	-10.2	Peak	Horizontal
*	8735.0	32.5	13.1	45.6	68.2	-22.6	Peak	Horizontal
*	9797.5	31.3	14.6	45.9	68.2	-22.3	Peak	Horizontal
	7511.0	32.9	11.7	44.6	54.0	-9.4	Peak	Vertical
	8276.0	31.8	12.4	44.2	54.0	-9.8	Peak	Vertical
*	8769.0	31.1	13.2	44.3	68.2	-23.9	Peak	Vertical
*	10095.0	29.9	15.6	45.5	68.2	-22.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	31.6	11.8	43.4	54.0	-10.6	Peak	Horizontal
	8284.5	30.8	12.4	43.2	54.0	-10.8	Peak	Horizontal
*	8718.0	31.2	13.0	44.2	68.2	-24.0	Peak	Horizontal
*	9874.0	30.5	14.9	45.4	68.2	-22.8	Peak	Horizontal
	7596.0	32.6	11.8	44.4	54.0	-9.6	Peak	Vertical
	8267.5	31.1	12.4	43.5	54.0	-10.5	Peak	Vertical
*	8837.0	30.0	13.4	43.4	68.2	-24.8	Peak	Vertical
*	10035.5	29.9	15.4	45.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7477.0	31.8	11.7	43.5	54.0	-10.5	Peak	Horizontal
	8276.0	31.9	12.4	44.3	54.0	-9.7	Peak	Horizontal
*	8769.0	31.3	13.2	44.5	68.2	-23.7	Peak	Horizontal
*	9831.5	30.7	14.7	45.4	68.2	-22.8	Peak	Horizontal
	7553.5	32.8	11.8	44.6	54.0	-9.4	Peak	Vertical
	8310.0	30.9	12.4	43.3	54.0	-10.7	Peak	Vertical
*	8718.0	31.0	13.0	44.0	68.2	-24.2	Peak	Vertical
*	10103.5	30.0	15.6	45.6	68.2	-22.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596.0	32.1	11.8	43.9	54.0	-10.1	Peak	Horizontal
	8352.5	31.2	12.4	43.6	54.0	-10.4	Peak	Horizontal
*	8820.0	29.8	13.3	43.1	68.2	-25.1	Peak	Horizontal
*	10018.5	30.0	15.3	45.3	68.2	-22.9	Peak	Horizontal
	7502.5	32.3	11.7	44.0	54.0	-10.0	Peak	Vertical
	8378.0	30.7	12.4	43.1	54.0	-10.9	Peak	Vertical
*	8845.5	29.9	13.4	43.3	68.2	-24.9	Peak	Vertical
*	9806.0	30.5	14.6	45.1	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.1	11.8	43.9	54.0	-10.1	Peak	Horizontal
	8310.0	31.6	12.4	44.0	54.0	-10.0	Peak	Horizontal
*	8769.0	31.1	13.2	44.3	68.2	-23.9	Peak	Horizontal
*	10103.5	29.9	15.6	45.5	68.2	-22.7	Peak	Horizontal
	7536.5	31.8	11.8	43.6	54.0	-10.4	Peak	Vertical
	8352.5	31.1	12.4	43.5	54.0	-10.5	Peak	Vertical
*	8760.5	30.8	13.2	44.0	68.2	-24.2	Peak	Vertical
*	9899.5	30.5	14.9	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7630.0	31.6	11.9	43.5	54.0	-10.5	Peak	Horizontal
	8284.5	31.2	12.4	43.6	54.0	-10.4	Peak	Horizontal
*	8811.5	30.2	13.3	43.5	68.2	-24.7	Peak	Horizontal
*	10095.0	29.8	15.6	45.4	68.2	-22.8	Peak	Horizontal
	7502.5	32.0	11.7	43.7	54.0	-10.3	Peak	Vertical
	8250.5	31.1	12.3	43.4	54.0	-10.6	Peak	Vertical
*	8769.0	31.4	13.2	44.6	68.2	-23.6	Peak	Vertical
*	9950.5	30.4	15.1	45.5	68.2	-22.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7511.0	31.8	11.7	43.5	54.0	-10.5	Peak	Horizontal
	8361.0	31.3	12.4	43.7	54.0	-10.3	Peak	Horizontal
*	8786.0	30.2	13.2	43.4	68.2	-24.8	Peak	Horizontal
*	9959.0	30.1	15.1	45.2	68.2	-23.0	Peak	Horizontal
	7485.5	31.3	11.7	43.0	54.0	-11.0	Peak	Vertical
	8276.0	31.2	12.4	43.6	54.0	-10.4	Peak	Vertical
*	8769.0	31.0	13.2	44.2	68.2	-24.0	Peak	Vertical
*	9942.0	30.2	15.1	45.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.5	11.8	44.3	54.0	-9.7	Peak	Horizontal
	8310.0	31.3	12.4	43.7	54.0	-10.3	Peak	Horizontal
*	8786.0	31.1	13.2	44.3	68.2	-23.9	Peak	Horizontal
*	9984.5	30.3	15.2	45.5	68.2	-22.7	Peak	Horizontal
	7511.0	31.7	11.7	43.4	54.0	-10.6	Peak	Vertical
	8310.0	31.7	12.4	44.1	54.0	-9.9	Peak	Vertical
*	8743.5	31.9	13.1	45.0	68.2	-23.2	Peak	Vertical
*	9899.5	30.5	14.9	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7434.5	33.4	11.6	45.0	54.0	-9.0	Peak	Horizontal
	8199.5	32.6	12.3	44.9	54.0	-9.1	Peak	Horizontal
*	8811.5	31.1	13.3	44.4	68.2	-23.8	Peak	Horizontal
*	9823.0	30.6	14.7	45.3	68.2	-22.9	Peak	Horizontal
	7587.5	32.1	11.8	43.9	54.0	-10.1	Peak	Vertical
	8403.5	32.6	12.4	45.0	54.0	-9.0	Peak	Vertical
*	8735.0	31.7	13.1	44.8	68.2	-23.4	Peak	Vertical
*	9950.5	30.2	15.1	45.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7570.5	31.9	11.8	43.7	54.0	-10.3	Peak	Horizontal
	8369.5	30.8	12.4	43.2	54.0	-10.8	Peak	Horizontal
*	8709.5	30.9	13.0	43.9	68.2	-24.3	Peak	Horizontal
*	10027.0	29.6	15.4	45.0	68.2	-23.2	Peak	Horizontal
	7511.0	31.8	11.7	43.5	54.0	-10.5	Peak	Vertical
	8276.0	30.9	12.4	43.3	54.0	-10.7	Peak	Vertical
*	8743.5	31.1	13.1	44.2	68.2	-24.0	Peak	Vertical
*	9984.5	30.1	15.2	45.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7485.5	32.1	11.7	43.8	54.0	-10.2	Peak	Horizontal
	8242.0	31.4	12.3	43.7	54.0	-10.3	Peak	Horizontal
*	8769.0	30.6	13.2	43.8	68.2	-24.4	Peak	Horizontal
*	9959.0	30.0	15.1	45.1	68.2	-23.1	Peak	Horizontal
	7562.0	31.6	11.8	43.4	54.0	-10.6	Peak	Vertical
	8276.0	31.0	12.4	43.4	54.0	-10.6	Peak	Vertical
*	8786.0	30.3	13.2	43.5	68.2	-24.7	Peak	Vertical
*	10027.0	30.0	15.4	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT160 - Ant 0 + 1 + 2 + 3	Test Channel:	50
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7613.0	33.2	11.8	45.0	54.0	-9.0	Peak	Horizontal
	8242.0	31.7	12.3	44.0	54.0	-10.0	Peak	Horizontal
*	8735.0	30.2	13.1	43.3	68.2	-24.9	Peak	Horizontal
*	9908.0	29.8	15.0	44.8	68.2	-23.4	Peak	Horizontal
	7545.0	32.2	11.8	44.0	54.0	-10.0	Peak	Vertical
	8310.0	31.4	12.4	43.8	54.0	-10.2	Peak	Vertical
*	8701.0	30.8	13.0	43.8	68.2	-24.4	Peak	Vertical
*	9984.5	29.3	15.2	44.5	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ac-VHT160 - Ant 0 + 1 + 2 + 3	Test Channel:	114
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	32.2	11.8	44.0	54.0	-10.0	Peak	Horizontal
	8310.0	31.4	12.4	43.8	54.0	-10.2	Peak	Horizontal
*	8701.0	30.8	13.0	43.8	68.2	-24.4	Peak	Horizontal
*	9984.5	29.3	15.2	44.5	68.2	-23.7	Peak	Horizontal
	7613.0	33.2	11.8	45.0	54.0	-9.0	Peak	Vertical
	8242.0	31.7	12.3	44.0	54.0	-10.0	Peak	Vertical
*	8692.5	32.3	13.0	45.3	68.2	-22.9	Peak	Vertical
*	9908.0	29.6	15.0	44.6	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7562.0	33.0	11.8	44.8	54.0	-9.2	Peak	Horizontal
	8276.0	31.4	12.4	43.8	54.0	-10.2	Peak	Horizontal
*	8794.5	30.8	13.2	44.0	68.2	-24.2	Peak	Horizontal
*	9942.0	30.3	15.1	45.4	68.2	-22.8	Peak	Horizontal
	7579.0	31.5	11.8	43.3	54.0	-10.7	Peak	Vertical
	8242.0	31.6	12.3	43.9	54.0	-10.1	Peak	Vertical
*	8735.0	31.9	13.1	45.0	68.2	-23.2	Peak	Vertical
*	10018.5	30.0	15.3	45.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	31.8	11.8	43.6	54.0	-10.4	Peak	Horizontal
	8276.0	31.6	12.4	44.0	54.0	-10.0	Peak	Horizontal
*	8760.5	31.7	13.2	44.9	68.2	-23.3	Peak	Horizontal
*	10035.5	30.0	15.4	45.4	68.2	-22.8	Peak	Horizontal
	7536.5	34.3	11.8	46.1	54.0	-7.9	Peak	Vertical
	8395.0	32.4	12.4	44.8	54.0	-9.2	Peak	Vertical
*	8811.5	31.9	13.3	45.2	68.2	-23.0	Peak	Vertical
*	9899.5	31.1	14.9	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7553.5	32.4	11.8	44.2	54.0	-9.8	Peak	Horizontal
	8327.0	31.5	12.4	43.9	54.0	-10.1	Peak	Horizontal
*	8769.0	30.9	13.2	44.1	68.2	-24.1	Peak	Horizontal
*	9942.0	30.4	15.1	45.5	68.2	-22.7	Peak	Horizontal
	7545.0	33.0	11.8	44.8	54.0	-9.2	Peak	Vertical
	8208.0	31.3	12.3	43.6	54.0	-10.4	Peak	Vertical
*	8692.5	31.7	13.0	44.7	68.2	-23.5	Peak	Vertical
*	9933.5	30.4	15.0	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7604.5	32.6	11.8	44.4	54.0	-9.6	Peak	Horizontal
	8301.5	32.4	12.4	44.8	54.0	-9.2	Peak	Horizontal
*	8811.5	30.8	13.3	44.1	68.2	-24.1	Peak	Horizontal
*	10129.0	31.2	15.7	46.9	68.2	-21.3	Peak	Horizontal
	7579.0	33.5	11.8	45.3	54.0	-8.7	Peak	Vertical
	8310.0	31.6	12.4	44.0	54.0	-10.0	Peak	Vertical
*	8735.0	33.2	13.1	46.3	68.2	-21.9	Peak	Vertical
*	9797.5	31.1	14.6	45.7	68.2	-22.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.6	11.8	44.4	54.0	-9.6	Peak	Horizontal
	8216.5	31.9	12.3	44.2	54.0	-9.8	Peak	Horizontal
*	8735.0	32.1	13.1	45.2	68.2	-23.0	Peak	Horizontal
*	10095.0	30.2	15.6	45.8	68.2	-22.4	Peak	Horizontal
	7536.5	33.3	11.8	45.1	54.0	-8.9	Peak	Vertical
	8310.0	30.6	12.4	43.0	54.0	-11.0	Peak	Vertical
*	8871.0	29.7	13.4	43.1	68.2	-25.1	Peak	Vertical
*	9823.0	30.4	14.7	45.1	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.1	11.8	43.9	54.0	-10.1	Peak	Horizontal
	8276.0	31.3	12.4	43.7	54.0	-10.3	Peak	Horizontal
*	8837.0	30.7	13.4	44.1	68.2	-24.1	Peak	Horizontal
*	9857.0	32.1	14.8	46.9	68.2	-21.3	Peak	Horizontal
	7587.5	32.4	11.8	44.2	54.0	-9.8	Peak	Vertical
	8344.0	31.9	12.4	44.3	54.0	-9.7	Peak	Vertical
*	8692.5	32.3	13.0	45.3	68.2	-22.9	Peak	Vertical
*	9950.5	31.8	15.1	46.9	68.2	-21.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7570.5	32.5	11.8	44.3	54.0	-9.7	Peak	Horizontal
	8276.0	31.8	12.4	44.2	54.0	-9.8	Peak	Horizontal
*	8760.5	31.4	13.2	44.6	68.2	-23.6	Peak	Horizontal
*	10027.0	30.1	15.4	45.5	68.2	-22.7	Peak	Horizontal
	7519.5	32.6	11.7	44.3	54.0	-9.7	Peak	Vertical
	8276.0	32.0	12.4	44.4	54.0	-9.6	Peak	Vertical
*	8769.0	30.7	13.2	43.9	68.2	-24.3	Peak	Vertical
*	10027.0	30.0	15.4	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7494.0	31.8	11.7	43.5	54.0	-10.5	Peak	Horizontal
	8310.0	30.8	12.4	43.2	54.0	-10.8	Peak	Horizontal
*	8854.0	30.3	13.4	43.7	68.2	-24.5	Peak	Horizontal
*	9899.5	30.6	14.9	45.5	68.2	-22.7	Peak	Horizontal
	7604.5	32.7	11.8	44.5	54.0	-9.5	Peak	Vertical
	8361.0	31.2	12.4	43.6	54.0	-10.4	Peak	Vertical
*	8777.5	30.6	13.2	43.8	68.2	-24.4	Peak	Vertical
*	10044.0	30.0	15.4	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.2	11.8	44.0	54.0	-10.0	Peak	Horizontal
	8267.5	31.2	12.4	43.6	54.0	-10.4	Peak	Horizontal
*	8854.0	30.6	13.4	44.0	68.2	-24.2	Peak	Horizontal
*	10044.0	30.0	15.4	45.4	68.2	-22.8	Peak	Horizontal
	7655.5	33.1	11.9	45.0	54.0	-9.0	Peak	Vertical
	8395.0	32.3	12.4	44.7	54.0	-9.3	Peak	Vertical
*	8735.0	31.9	13.1	45.0	68.2	-23.2	Peak	Vertical
*	9959.0	30.4	15.1	45.5	68.2	-22.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7613.0	33.0	11.8	44.8	54.0	-9.2	Peak	Horizontal
	8318.5	31.9	12.4	44.3	54.0	-9.7	Peak	Horizontal
*	8811.5	30.4	13.3	43.7	68.2	-24.5	Peak	Horizontal
*	10027.0	30.1	15.4	45.5	68.2	-22.7	Peak	Horizontal
	7502.5	31.7	11.7	43.4	54.0	-10.6	Peak	Vertical
	8199.5	33.3	12.3	45.6	54.0	-8.4	Peak	Vertical
*	8777.5	32.6	13.2	45.8	68.2	-22.4	Peak	Vertical
*	9959.0	30.2	15.1	45.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7647.0	32.5	11.9	44.4	54.0	-9.6	Peak	Horizontal
	8318.5	31.5	12.4	43.9	54.0	-10.1	Peak	Horizontal
*	8769.0	31.4	13.2	44.6	68.2	-23.6	Peak	Horizontal
*	10120.5	31.5	15.7	47.2	68.2	-21.0	Peak	Horizontal
	7502.5	33.5	11.7	45.2	54.0	-8.8	Peak	Vertical
	8250.5	32.1	12.3	44.4	54.0	-9.6	Peak	Vertical
*	8692.5	31.4	13.0	44.4	68.2	-23.8	Peak	Vertical
*	9899.5	31.7	14.9	46.6	68.2	-21.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7443.0	33.6	11.6	45.2	54.0	-8.8	Peak	Horizontal
	8369.5	32.3	12.4	44.7	54.0	-9.3	Peak	Horizontal
*	8769.0	31.2	13.2	44.4	68.2	-23.8	Peak	Horizontal
*	9993.0	32.7	15.2	47.9	68.2	-20.3	Peak	Horizontal
	7596.0	32.1	11.8	43.9	54.0	-10.1	Peak	Vertical
	8369.5	32.2	12.4	44.6	54.0	-9.4	Peak	Vertical
*	8760.5	31.5	13.2	44.7	68.2	-23.5	Peak	Vertical
*	10027.0	30.3	15.4	45.7	68.2	-22.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7570.5	32.7	11.8	44.5	54.0	-9.5	Peak	Horizontal
	8216.5	31.9	12.3	44.2	54.0	-9.8	Peak	Horizontal
*	8735.0	31.7	13.1	44.8	68.2	-23.4	Peak	Horizontal
*	10018.5	30.4	15.3	45.7	68.2	-22.5	Peak	Horizontal
	7672.5	33.6	11.9	45.5	54.0	-8.5	Peak	Vertical
	8344.0	32.5	12.4	44.9	54.0	-9.1	Peak	Vertical
*	8692.5	31.7	13.0	44.7	68.2	-23.5	Peak	Vertical
*	9967.5	30.8	15.2	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7460.0	33.1	11.6	44.7	54.0	-9.3	Peak	Horizontal
	8259.0	32.4	12.4	44.8	54.0	-9.2	Peak	Horizontal
*	8777.5	31.2	13.2	44.4	68.2	-23.8	Peak	Horizontal
*	9814.5	31.1	14.7	45.8	68.2	-22.4	Peak	Horizontal
	7579.0	33.9	11.8	45.7	54.0	-8.3	Peak	Vertical
	8242.0	32.8	12.3	45.1	54.0	-8.9	Peak	Vertical
*	8794.5	31.9	13.2	45.1	68.2	-23.1	Peak	Vertical
*	9967.5	31.1	15.2	46.3	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7494.0	32.2	11.7	43.9	54.0	-10.1	Peak	Horizontal
	8276.0	30.9	12.4	43.3	54.0	-10.7	Peak	Horizontal
*	8828.5	29.7	13.3	43.0	68.2	-25.2	Peak	Horizontal
*	9976.0	29.6	15.2	44.8	68.2	-23.4	Peak	Horizontal
	7468.5	32.1	11.6	43.7	54.0	-10.3	Peak	Vertical
	8352.5	31.0	12.4	43.4	54.0	-10.6	Peak	Vertical
*	8735.0	31.0	13.1	44.1	68.2	-24.1	Peak	Vertical
*	9857.0	30.6	14.8	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7570.5	31.8	11.8	43.6	54.0	-10.4	Peak	Horizontal
	8335.5	31.5	12.4	43.9	54.0	-10.1	Peak	Horizontal
*	8777.5	30.6	13.2	43.8	68.2	-24.4	Peak	Horizontal
*	9899.5	30.0	14.9	44.9	68.2	-23.3	Peak	Horizontal
	7545.0	32.3	11.8	44.1	54.0	-9.9	Peak	Vertical
	8293.0	30.7	12.4	43.1	54.0	-10.9	Peak	Vertical
*	8769.0	31.1	13.2	44.3	68.2	-23.9	Peak	Vertical
*	9967.5	29.0	15.2	44.2	68.2	-24.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7579.0	31.6	11.8	43.4	54.0	-10.6	Peak	Horizontal
	8310.0	30.6	12.4	43.0	54.0	-11.0	Peak	Horizontal
*	8811.5	30.2	13.3	43.5	68.2	-24.7	Peak	Horizontal
*	9950.5	29.7	15.1	44.8	68.2	-23.4	Peak	Horizontal
	7553.5	30.6	11.8	42.4	54.0	-11.6	Peak	Vertical
	8276.0	30.9	12.4	43.3	54.0	-10.7	Peak	Vertical
*	8743.5	30.0	13.1	43.1	68.2	-25.1	Peak	Vertical
*	9959.0	29.0	15.1	44.1	68.2	-24.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7536.5	31.6	11.8	43.4	54.0	-10.6	Peak	Horizontal
	8242.0	31.4	12.3	43.7	54.0	-10.3	Peak	Horizontal
*	8862.5	29.7	13.4	43.1	68.2	-25.1	Peak	Horizontal
*	9933.5	29.4	15.0	44.4	68.2	-23.8	Peak	Horizontal
	7468.5	32.6	11.6	44.2	54.0	-9.8	Peak	Vertical
	8437.5	31.3	12.4	43.7	54.0	-10.3	Peak	Vertical
*	8811.5	31.7	13.3	45.0	68.2	-23.2	Peak	Vertical
*	9857.0	32.1	14.8	46.9	68.2	-21.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	118
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7443.0	33.3	11.6	44.9	54.0	-9.1	Peak	Horizontal
	8310.0	31.5	12.4	43.9	54.0	-10.1	Peak	Horizontal
*	8735.0	30.2	13.1	43.3	68.2	-24.9	Peak	Horizontal
*	10027.0	29.7	15.4	45.1	68.2	-23.1	Peak	Horizontal
	7528.0	32.3	11.7	44.0	54.0	-10.0	Peak	Vertical
	8284.5	32.0	12.4	44.4	54.0	-9.6	Peak	Vertical
*	8735.0	30.4	13.1	43.5	68.2	-24.7	Peak	Vertical
*	9857.0	31.2	14.8	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.5	11.8	44.3	54.0	-9.7	Peak	Horizontal
	8352.5	31.1	12.4	43.5	54.0	-10.5	Peak	Horizontal
*	8811.5	30.6	13.3	43.9	68.2	-24.3	Peak	Horizontal
*	9857.0	30.4	14.8	45.2	68.2	-23.0	Peak	Horizontal
	7468.5	32.0	11.6	43.6	54.0	-10.4	Peak	Vertical
	8310.0	31.4	12.4	43.8	54.0	-10.2	Peak	Vertical
*	8743.5	31.2	13.1	44.3	68.2	-23.9	Peak	Vertical
*	9942.0	30.1	15.1	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7477.0	31.8	11.7	43.5	54.0	-10.5	Peak	Horizontal
	8208.0	30.3	12.3	42.6	54.0	-11.4	Peak	Horizontal
*	8845.5	30.1	13.4	43.5	68.2	-24.7	Peak	Horizontal
*	9925.0	29.5	15.0	44.5	68.2	-23.7	Peak	Horizontal
	7536.5	32.4	11.8	44.2	54.0	-9.8	Peak	Vertical
	8352.5	30.4	12.4	42.8	54.0	-11.2	Peak	Vertical
*	8769.0	30.8	13.2	44.0	68.2	-24.2	Peak	Vertical
*	9840.0	29.8	14.7	44.5	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579.0	32.4	11.8	44.2	54.0	-9.8	Peak	Horizontal
	8242.0	31.2	12.3	43.5	54.0	-10.5	Peak	Horizontal
*	8735.0	31.1	13.1	44.2	68.2	-24.0	Peak	Horizontal
*	9933.5	29.7	15.0	44.7	68.2	-23.5	Peak	Horizontal
	7536.5	31.1	11.8	42.9	54.0	-11.1	Peak	Vertical
	8250.5	32.0	12.3	44.3	54.0	-9.7	Peak	Vertical
*	8871.0	30.2	13.4	43.6	68.2	-24.6	Peak	Vertical
*	9925.0	29.7	15.0	44.7	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	32.6	11.8	44.4	54.0	-9.6	Peak	Horizontal
	8242.0	31.7	12.3	44.0	54.0	-10.0	Peak	Horizontal
*	8709.5	30.9	13.0	43.9	68.2	-24.3	Peak	Horizontal
*	9831.5	30.4	14.7	45.1	68.2	-23.1	Peak	Horizontal
	7545.0	32.0	11.8	43.8	54.0	-10.2	Peak	Vertical
	8352.5	31.1	12.4	43.5	54.0	-10.5	Peak	Vertical
*	8726.5	30.2	13.1	43.3	68.2	-24.9	Peak	Vertical
*	9984.5	28.9	15.2	44.1	68.2	-24.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7477.0	31.7	11.7	43.4	54.0	-10.6	Peak	Horizontal
	8276.0	31.4	12.4	43.8	54.0	-10.2	Peak	Horizontal
*	8692.5	30.9	13.0	43.9	68.2	-24.3	Peak	Horizontal
*	9967.5	29.5	15.2	44.7	68.2	-23.5	Peak	Horizontal
	7579.0	67.2	-24.8	42.4	54.0	-11.6	Peak	Vertical
	8301.5	67.6	-24.7	42.9	54.0	-11.1	Peak	Vertical
*	8794.5	66.9	-24.1	42.8	68.2	-25.4	Peak	Vertical
*	9967.5	68.4	-24.0	44.4	68.2	-23.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7502.5	31.3	11.7	43.0	54.0	-11.0	Peak	Horizontal
	8301.5	30.5	12.4	42.9	54.0	-11.1	Peak	Horizontal
*	8735.0	30.9	13.1	44.0	68.2	-24.2	Peak	Horizontal
*	9950.5	29.9	15.1	45.0	68.2	-23.2	Peak	Horizontal
	7468.5	31.4	11.6	43.0	54.0	-11.0	Peak	Vertical
	8276.0	30.8	12.4	43.2	54.0	-10.8	Peak	Vertical
*	8769.0	32.0	13.2	45.2	68.2	-23.0	Peak	Vertical
*	9942.0	30.1	15.1	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7536.5	31.1	11.8	42.9	54.0	-11.1	Peak	Horizontal
	8216.5	30.8	12.3	43.1	54.0	-10.9	Peak	Horizontal
*	8735.0	30.4	13.1	43.5	68.2	-24.7	Peak	Horizontal
*	9908.0	29.8	15.0	44.8	68.2	-23.4	Peak	Horizontal
	7545.0	31.9	11.8	43.7	54.0	-10.3	Peak	Vertical
	8284.5	30.9	12.4	43.3	54.0	-10.7	Peak	Vertical
*	8905.0	32.3	13.5	45.8	68.2	-22.4	Peak	Vertical
*	10214.0	30.4	16.0	46.4	68.2	-21.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7604.5	32.6	11.8	44.4	54.0	-9.6	Peak	Horizontal
	8471.5	31.2	12.4	43.6	54.0	-10.4	Peak	Horizontal
*	8735.0	29.8	13.1	42.9	68.2	-25.3	Peak	Horizontal
*	9976.0	29.5	15.2	44.7	68.2	-23.5	Peak	Horizontal
	7451.5	30.8	11.6	42.4	54.0	-11.6	Peak	Vertical
	8276.0	31.3	12.4	43.7	54.0	-10.3	Peak	Vertical
*	8709.5	30.8	13.0	43.8	68.2	-24.4	Peak	Vertical
*	9908.0	30.0	15.0	45.0	68.2	-23.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.0	11.8	43.8	54.0	-10.2	Peak	Horizontal
	8310.0	30.9	12.4	43.3	54.0	-10.7	Peak	Horizontal
*	8769.0	30.7	13.2	43.9	68.2	-24.3	Peak	Horizontal
*	9942.0	29.3	15.1	44.4	68.2	-23.8	Peak	Horizontal
	7502.5	31.5	11.7	43.2	54.0	-10.8	Peak	Vertical
	8233.5	31.4	12.3	43.7	54.0	-10.3	Peak	Vertical
*	8811.5	31.3	13.3	44.6	68.2	-23.6	Peak	Vertical
*	9848.5	30.3	14.8	45.1	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7451.5	31.9	11.6	43.5	54.0	-10.5	Peak	Horizontal
	8199.5	30.9	12.3	43.2	54.0	-10.8	Peak	Horizontal
*	8735.0	30.7	13.1	43.8	68.2	-24.4	Peak	Horizontal
*	9916.5	29.7	15.0	44.7	68.2	-23.5	Peak	Horizontal
	7545.0	32.6	11.8	44.4	54.0	-9.6	Peak	Vertical
	8242.0	31.1	12.3	43.4	54.0	-10.6	Peak	Vertical
*	8811.5	30.7	13.3	44.0	68.2	-24.2	Peak	Vertical
*	9908.0	30.8	15.0	45.8	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE160 - Ant 0 + 1 + 2 + 3	Test Channel:	50
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7621.5	32.5	11.8	44.3	54.0	-9.7	Peak	Horizontal
	8216.5	31.0	12.3	43.3	54.0	-10.7	Peak	Horizontal
*	8735.0	30.2	13.1	43.3	68.2	-24.9	Peak	Horizontal
*	9908.0	29.8	15.0	44.8	68.2	-23.4	Peak	Horizontal
	7545.0	32.2	11.8	44.0	54.0	-10.0	Peak	Vertical
	8310.0	31.4	12.4	43.8	54.0	-10.2	Peak	Vertical
*	8701.0	30.8	13.0	43.8	68.2	-24.4	Peak	Vertical
*	9984.5	29.3	15.2	44.5	68.2	-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	ACCESS POINT	Temperature	24°C
Test Engineer	Kervin Ker	Relative Humidity	56 %
Test Site	AC1	Test Date	2020/02/14
Test Mode:	802.11ax-HE160 - Ant 0 + 1 + 2 + 3	Test Channel:	114
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7502.5	31.1	11.7	42.8	54.0	-11.2	Peak	Horizontal
	8310.0	30.0	12.4	42.4	54.0	-11.6	Peak	Horizontal
*	8692.5	32.4	13.0	45.4	68.2	-22.8	Peak	Horizontal
*	9908.0	30.4	15.0	45.4	68.2	-22.8	Peak	Horizontal
	7613.0	33.2	11.8	45.0	54.0	-9.0	Peak	Vertical
	8242.0	31.7	12.3	44.0	54.0	-10.0	Peak	Vertical
*	8692.5	32.3	13.0	45.3	68.2	-22.9	Peak	Vertical
*	9908.0	29.6	15.0	44.6	68.2	-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).

Antenna Model: ANT-4x4-5314

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7324.0	33.6	11.3	44.9	54.0	-9.1	Peak	Horizontal
	8106.0	33.3	12.3	45.6	54.0	-8.4	Peak	Horizontal
*	8718.0	31.9	13.0	44.9	68.2	-23.3	Peak	Horizontal
*	10248.0	32.7	16.1	48.8	68.2	-19.4	Peak	Horizontal
	7528.0	32.3	11.7	44.0	54.0	-10.0	Peak	Vertical
	8123.0	32.1	12.3	44.4	54.0	-9.6	Peak	Vertical
*	8752.0	32.2	13.1	45.3	68.2	-22.9	Peak	Vertical
*	10367.0	31.3	16.4	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7341.0	33.8	11.4	45.2	54.0	-8.8	Peak	Horizontal
	8174.0	32.0	12.3	44.3	54.0	-9.7	Peak	Horizontal
*	8888.0	30.3	13.5	43.8	68.2	-24.4	Peak	Horizontal
*	10435.0	31.5	16.7	48.2	68.2	-20.0	Peak	Horizontal
	7647.0	32.4	11.9	44.3	54.0	-9.7	Peak	Vertical
	8191.0	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
*	8684.0	33.1	12.9	46.0	68.2	-22.2	Peak	Vertical
*	10061.0	32.5	15.5	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	33.2	11.8	45.0	54.0	-9.0	Peak	Horizontal
	8191.0	32.6	12.3	44.9	54.0	-9.1	Peak	Horizontal
*	8667.0	33.0	12.9	45.9	68.2	-22.3	Peak	Horizontal
*	9738.0	33.5	14.4	47.9	68.2	-20.3	Peak	Horizontal
	7545.0	32.0	12.3	44.3	54.0	-9.7	Peak	Vertical
	8208.0	32.6	12.2	44.8	54.0	-9.2	Peak	Vertical
*	8735.0	32.1	13.7	45.8	68.2	-22.4	Peak	Vertical
*	9823.0	32.7	15.0	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7511.0	31.9	11.7	43.6	54.0	-10.4	Peak	Horizontal
	8089.0	32.4	12.3	44.7	54.0	-9.3	Peak	Horizontal
*	8582.0	32.0	12.7	44.7	68.2	-23.5	Peak	Horizontal
*	9755.0	32.6	14.5	47.1	68.2	-21.1	Peak	Horizontal
	7562.0	32.3	11.8	44.1	54.0	-9.9	Peak	Vertical
	8140.0	32.6	12.3	44.9	54.0	-9.1	Peak	Vertical
*	8956.0	32.1	13.7	45.8	68.2	-22.4	Peak	Vertical
*	9857.0	32.0	14.8	46.8	68.2	-21.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7375.0	32.7	11.4	44.1	54.0	-9.9	Peak	Horizontal
	8038.0	32.3	12.3	44.6	54.0	-9.4	Peak	Horizontal
*	8616.0	32.4	12.8	45.2	68.2	-23.0	Peak	Horizontal
*	9704.0	33.3	14.3	47.6	68.2	-20.6	Peak	Horizontal
	7511.0	32.6	11.7	44.3	54.0	-9.7	Peak	Vertical
	8123.0	33.1	12.3	45.4	54.0	-8.6	Peak	Vertical
*	8599.0	32.5	12.7	45.2	68.2	-23.0	Peak	Vertical
*	10486.0	31.9	16.8	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7613.0	33.3	11.8	45.1	54.0	-8.9	Peak	Horizontal
	8089.0	32.9	12.3	45.2	54.0	-8.8	Peak	Horizontal
*	8667.0	32.6	12.9	45.5	68.2	-22.7	Peak	Horizontal
*	10231.0	32.3	16.0	48.3	68.2	-19.9	Peak	Horizontal
	7409.0	32.5	11.5	44.0	54.0	-10.0	Peak	Vertical
	8191.0	31.9	12.3	44.2	54.0	-9.8	Peak	Vertical
*	8616.0	32.8	12.8	45.6	68.2	-22.6	Peak	Vertical
*	9755.0	32.6	14.5	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7307.0	32.9	11.3	44.2	54.0	-9.8	Peak	Horizontal
	8140.0	32.3	12.3	44.6	54.0	-9.4	Peak	Horizontal
*	8650.0	33.0	12.9	45.9	68.2	-22.3	Peak	Horizontal
*	10367.0	31.8	16.4	48.2	68.2	-20.0	Peak	Horizontal
	7545.0	32.8	11.8	44.6	54.0	-9.4	Peak	Vertical
	8378.0	32.0	12.4	44.4	54.0	-9.6	Peak	Vertical
*	9619.0	32.8	14.0	46.8	68.2	-21.4	Peak	Vertical
*	10248.0	32.0	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7477.0	33.0	11.7	44.7	54.0	-9.3	Peak	Horizontal
	8310.0	30.7	12.4	43.1	54.0	-10.9	Peak	Horizontal
*	8667.0	33.5	12.9	46.4	68.2	-21.8	Peak	Horizontal
*	9772.0	33.5	14.5	48.0	68.2	-20.2	Peak	Horizontal
	7307.0	33.0	11.3	44.3	54.0	-9.7	Peak	Vertical
	8140.0	32.7	12.3	45.0	54.0	-9.0	Peak	Vertical
*	8718.0	32.2	13.0	45.2	68.2	-23.0	Peak	Vertical
*	9721.0	33.3	14.4	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7477.0	32.7	11.7	44.4	54.0	-9.6	Peak	Horizontal
	8191.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8633.0	32.9	12.8	45.7	68.2	-22.5	Peak	Horizontal
*	9704.0	32.9	14.3	47.2	68.2	-21.0	Peak	Horizontal
	7545.0	32.5	11.8	44.3	54.0	-9.7	Peak	Vertical
	8072.0	31.6	12.3	43.9	54.0	-10.1	Peak	Vertical
*	8667.0	32.2	12.9	45.1	68.2	-23.1	Peak	Vertical
*	9772.0	32.2	14.5	46.7	68.2	-21.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7596.0	33.3	11.8	45.1	54.0	-8.9	Peak	Horizontal
	8242.0	31.6	12.3	43.9	54.0	-10.1	Peak	Horizontal
*	8752.0	31.3	13.1	44.4	68.2	-23.8	Peak	Horizontal
*	9772.0	32.1	14.5	46.6	68.2	-21.6	Peak	Horizontal
	7536.5	32.2	11.8	44.0	54.0	-10.0	Peak	Vertical
	8131.5	30.8	12.3	43.1	54.0	-10.9	Peak	Vertical
*	8692.5	31.1	13.0	44.1	68.2	-24.1	Peak	Vertical
*	9619.0	33.0	14.0	47.0	68.2	-21.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7494.0	32.5	11.7	44.2	54.0	-9.8	Peak	Horizontal
	8140.0	30.9	12.3	43.2	54.0	-10.8	Peak	Horizontal
*	9772.0	32.4	14.5	46.9	68.2	-21.3	Peak	Horizontal
*	10486.0	31.7	16.8	48.5	68.2	-19.7	Peak	Horizontal
	7681.0	32.9	11.9	44.8	54.0	-9.2	Peak	Vertical
	8191.0	31.8	12.3	44.1	54.0	-9.9	Peak	Vertical
*	8667.0	31.7	12.9	44.6	68.2	-23.6	Peak	Vertical
*	9636.0	32.7	14.1	46.8	68.2	-21.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	33.4	11.8	45.2	54.0	-8.8	Peak	Horizontal
	8140.0	31.9	12.3	44.2	54.0	-9.8	Peak	Horizontal
*	8684.0	32.2	12.9	45.1	68.2	-23.1	Peak	Horizontal
*	9704.0	32.1	14.3	46.4	68.2	-21.8	Peak	Horizontal
	7511.0	32.1	11.7	43.8	54.0	-10.2	Peak	Vertical
	8242.0	32.3	12.3	44.6	54.0	-9.4	Peak	Vertical
*	8701.0	32.2	13.0	45.2	68.2	-23.0	Peak	Vertical
*	9704.0	32.7	14.3	47.0	68.2	-21.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	32.5	11.7	44.2	54.0	-9.8	Peak	Horizontal
	8446.0	32.7	12.4	45.1	54.0	-8.9	Peak	Horizontal
*	9755.0	32.2	14.5	46.7	68.2	-21.5	Peak	Horizontal
*	10282.0	32.0	16.2	48.2	68.2	-20.0	Peak	Horizontal
	7562.0	32.2	11.8	44.0	54.0	-10.0	Peak	Vertical
	8191.0	32.1	12.3	44.4	54.0	-9.6	Peak	Vertical
*	8582.0	31.9	12.7	44.6	68.2	-23.6	Peak	Vertical
*	9823.0	32.9	14.7	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7324.0	33.5	11.3	44.8	54.0	-9.2	Peak	Horizontal
	8106.0	32.8	12.3	45.1	54.0	-8.9	Peak	Horizontal
*	8786.0	32.3	13.2	45.5	68.2	-22.7	Peak	Horizontal
*	9704.0	33.1	14.3	47.4	68.2	-20.8	Peak	Horizontal
	7579.0	33.4	11.8	45.2	54.0	-8.8	Peak	Vertical
	8191.0	32.6	12.3	44.9	54.0	-9.1	Peak	Vertical
*	8667.0	31.9	12.9	44.8	68.2	-23.4	Peak	Vertical
*	10350.0	31.0	16.4	47.4	68.2	-20.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7664.0	32.7	11.9	44.6	54.0	-9.4	Peak	Horizontal
	8242.0	32.4	12.3	44.7	54.0	-9.3	Peak	Horizontal
*	8667.0	32.8	12.9	45.7	68.2	-22.5	Peak	Horizontal
*	10231.0	31.9	16.0	47.9	68.2	-20.3	Peak	Horizontal
	7494.0	32.2	11.7	43.9	54.0	-10.1	Peak	Vertical
	8208.0	31.6	12.3	43.9	54.0	-10.1	Peak	Vertical
*	8616.0	32.2	12.8	45.0	68.2	-23.2	Peak	Vertical
*	9772.0	32.7	14.5	47.2	68.2	-21.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7579.0	32.7	11.8	44.5	54.0	-9.5	Peak	Horizontal
	8191.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8684.0	32.7	12.9	45.6	68.2	-22.6	Peak	Horizontal
*	9653.0	32.4	14.1	46.5	68.2	-21.7	Peak	Horizontal
	7545.0	32.8	11.8	44.6	54.0	-9.4	Peak	Vertical
	8225.0	32.0	12.3	44.3	54.0	-9.7	Peak	Vertical
*	8667.0	32.8	12.9	45.7	68.2	-22.5	Peak	Vertical
*	10231.0	32.6	16.0	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	31.9	11.7	43.6	54.0	-10.4	Peak	Horizontal
	8259.0	32.1	12.4	44.5	54.0	-9.5	Peak	Horizontal
*	8701.0	32.4	13.0	45.4	68.2	-22.8	Peak	Horizontal
*	10146.0	31.7	15.7	47.4	68.2	-20.8	Peak	Horizontal
	7511.0	32.0	11.7	43.7	54.0	-10.3	Peak	Vertical
	8157.0	31.7	12.3	44.0	54.0	-10.0	Peak	Vertical
*	8684.0	32.9	12.9	45.8	68.2	-22.4	Peak	Vertical
*	9772.0	33.1	14.5	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7409.0	32.4	11.5	43.9	54.0	-10.1	Peak	Horizontal
	8225.0	32.4	12.3	44.7	54.0	-9.3	Peak	Horizontal
*	8616.0	32.3	12.8	45.1	68.2	-23.1	Peak	Horizontal
*	10214.0	31.6	16.0	47.6	68.2	-20.6	Peak	Horizontal
	7528.0	32.4	11.7	44.1	54.0	-9.9	Peak	Vertical
	8072.0	33.2	12.3	45.5	54.0	-8.5	Peak	Vertical
*	8752.0	32.7	13.1	45.8	68.2	-22.4	Peak	Vertical
*	9874.0	33.3	14.9	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7494.0	32.2	11.7	43.9	54.0	-10.1	Peak	Horizontal
	8242.0	32.3	12.3	44.6	54.0	-9.4	Peak	Horizontal
*	8735.0	32.3	13.1	45.4	68.2	-22.8	Peak	Horizontal
*	10571.0	31.9	17.0	48.9	68.2	-19.3	Peak	Horizontal
	7341.0	32.6	11.4	44.0	54.0	-10.0	Peak	Vertical
	8480.0	32.1	12.5	44.6	54.0	-9.4	Peak	Vertical
*	8854.0	30.0	13.4	43.4	68.2	-24.8	Peak	Vertical
*	10197.0	32.2	15.9	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	33.4	11.8	45.2	54.0	-8.8	Peak	Horizontal
	8140.0	32.1	12.3	44.4	54.0	-9.6	Peak	Horizontal
*	8650.0	33.0	12.9	45.9	68.2	-22.3	Peak	Horizontal
*	9704.0	33.1	14.3	47.4	68.2	-20.8	Peak	Horizontal
	7358.0	32.4	11.4	43.8	54.0	-10.2	Peak	Vertical
	8208.0	32.4	12.3	44.7	54.0	-9.3	Peak	Vertical
*	8650.0	32.3	12.9	45.2	68.2	-23.0	Peak	Vertical
*	9551.0	33.6	13.8	47.4	68.2	-20.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	32.0	11.9	43.9	54.0	-10.1	Peak	Horizontal
	8378.0	31.9	12.4	44.3	54.0	-9.7	Peak	Horizontal
*	8667.0	32.4	12.9	45.3	68.2	-22.9	Peak	Horizontal
*	10384.0	32.2	16.5	48.7	68.2	-19.5	Peak	Horizontal
	7596.0	32.4	11.8	44.2	54.0	-9.8	Peak	Vertical
	8174.0	32.3	12.3	44.6	54.0	-9.4	Peak	Vertical
*	9636.0	33.3	14.1	47.4	68.2	-20.8	Peak	Vertical
*	10350.0	31.8	16.4	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7749.0	32.3	12.0	44.3	54.0	-9.7	Peak	Horizontal
	8225.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8854.0	29.8	13.4	43.2	68.2	-25.0	Peak	Horizontal
*	10452.0	32.1	16.7	48.8	68.2	-19.4	Peak	Horizontal
	7307.0	32.4	11.3	43.7	54.0	-10.3	Peak	Vertical
	9024.0	32.8	13.8	46.6	54.0	-7.4	Peak	Vertical
*	9602.0	33.1	14.0	47.1	68.2	-21.1	Peak	Vertical
*	10401.0	31.9	16.6	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.6	11.8	44.4	54.0	-9.6	Peak	Horizontal
	8233.5	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8735.0	30.8	13.1	43.9	68.2	-24.3	Peak	Horizontal
*	9916.5	31.8	15.0	46.8	68.2	-21.4	Peak	Horizontal
	7502.5	32.4	11.7	44.1	54.0	-9.9	Peak	Vertical
	8199.5	31.8	12.3	44.1	54.0	-9.9	Peak	Vertical
*	8624.5	30.9	12.8	43.7	68.2	-24.5	Peak	Vertical
*	9721.0	31.7	14.3	46.0	68.2	-22.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7579.0	32.5	11.8	44.3	54.0	-9.7	Peak	Horizontal
	8191.0	32.7	12.3	45.0	54.0	-9.0	Peak	Horizontal
*	8667.0	32.4	12.9	45.3	68.2	-22.9	Peak	Horizontal
*	10248.0	31.3	16.1	47.4	68.2	-20.8	Peak	Horizontal
	7545.0	32.3	11.8	44.1	54.0	-9.9	Peak	Vertical
	8174.0	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
*	8701.0	31.6	13.0	44.6	68.2	-23.6	Peak	Vertical
*	10503.0	31.4	16.9	48.3	68.2	-19.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7511.0	32.0	11.7	43.7	54.0	-10.3	Peak	Horizontal
	8174.0	31.7	12.3	44.0	54.0	-10.0	Peak	Horizontal
*	8667.0	31.9	12.9	44.8	68.2	-23.4	Peak	Horizontal
*	10214.0	32.0	16.0	48.0	68.2	-20.2	Peak	Horizontal
	7579.0	31.8	11.8	43.6	54.0	-10.4	Peak	Vertical
	8174.0	31.7	12.3	44.0	54.0	-10.0	Peak	Vertical
*	8650.0	32.1	12.9	45.0	68.2	-23.2	Peak	Vertical
*	10503.0	32.0	16.9	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7375.0	33.1	11.4	44.5	54.0	-9.5	Peak	Horizontal
	8344.0	31.9	12.4	44.3	54.0	-9.7	Peak	Horizontal
*	8667.0	32.4	12.9	45.3	68.2	-22.9	Peak	Horizontal
*	9755.0	33.9	14.5	48.4	68.2	-19.8	Peak	Horizontal
	7494.0	32.8	11.7	44.5	54.0	-9.5	Peak	Vertical
	8225.0	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
*	9262.0	33.1	13.7	46.8	68.2	-21.4	Peak	Vertical
*	10248.0	32.3	16.1	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7256.0	33.9	11.2	45.1	54.0	-8.9	Peak	Horizontal
	8106.0	32.0	12.3	44.3	54.0	-9.7	Peak	Horizontal
*	8633.0	32.4	12.8	45.2	68.2	-23.0	Peak	Horizontal
*	10078.0	31.5	15.5	47.0	68.2	-21.2	Peak	Horizontal
	7409.0	33.2	11.5	44.7	54.0	-9.3	Peak	Vertical
	8225.0	33.2	12.3	45.5	54.0	-8.5	Peak	Vertical
*	8667.0	32.0	12.9	44.9	68.2	-23.3	Peak	Vertical
*	10180.0	31.3	15.8	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	32.7	11.8	44.5	54.0	-9.5	Peak	Horizontal
	8123.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8684.0	32.3	12.9	45.2	68.2	-23.0	Peak	Horizontal
*	10214.0	31.7	16.0	47.7	68.2	-20.5	Peak	Horizontal
	7477.0	32.8	11.7	44.5	54.0	-9.5	Peak	Vertical
	8106.0	32.4	12.3	44.7	54.0	-9.3	Peak	Vertical
*	8667.0	32.5	12.9	45.4	68.2	-22.8	Peak	Vertical
*	10282.0	32.0	16.2	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7528.0	32.3	11.7	44.0	54.0	-10.0	Peak	Horizontal
	8123.0	32.5	12.3	44.8	54.0	-9.2	Peak	Horizontal
*	8582.0	32.5	12.7	45.2	68.2	-23.0	Peak	Horizontal
*	10350.0	31.3	16.4	47.7	68.2	-20.5	Peak	Horizontal
	7358.0	33.1	11.4	44.5	54.0	-9.5	Peak	Vertical
	8174.0	32.1	12.3	44.4	54.0	-9.6	Peak	Vertical
*	8684.0	32.4	12.9	45.3	68.2	-22.9	Peak	Vertical
*	10265.0	31.7	16.1	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7562.0	32.2	11.8	44.0	54.0	-10.0	Peak	Horizontal
	8344.0	32.0	12.4	44.4	54.0	-9.6	Peak	Horizontal
*	8735.0	31.8	13.1	44.9	68.2	-23.3	Peak	Horizontal
*	10163.0	31.5	15.8	47.3	68.2	-20.9	Peak	Horizontal
	7358.0	32.9	11.4	44.3	54.0	-9.7	Peak	Vertical
	8191.0	32.2	12.3	44.5	54.0	-9.5	Peak	Vertical
*	8735.0	32.1	13.1	45.2	68.2	-23.0	Peak	Vertical
*	9687.0	32.8	14.2	47.0	68.2	-21.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7562.0	32.3	11.8	44.1	54.0	-9.9	Peak	Horizontal
	8191.0	32.8	12.3	45.1	54.0	-8.9	Peak	Horizontal
*	8718.0	32.1	13.0	45.1	68.2	-23.1	Peak	Horizontal
*	10214.0	32.1	16.0	48.1	68.2	-20.1	Peak	Horizontal
	7477.0	32.6	11.7	44.3	54.0	-9.7	Peak	Vertical
	8089.0	32.4	12.3	44.7	54.0	-9.3	Peak	Vertical
*	8667.0	30.9	12.9	43.8	68.2	-24.4	Peak	Vertical
*	10282.0	32.5	16.2	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	118
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7477.0	32.3	11.7	44.0	54.0	-10.0	Peak	Horizontal
	8089.0	32.7	12.3	45.0	54.0	-9.0	Peak	Horizontal
*	8599.0	31.9	12.7	44.6	68.2	-23.6	Peak	Horizontal
*	9755.0	32.5	14.5	47.0	68.2	-21.2	Peak	Horizontal
	7494.0	32.3	11.7	44.0	54.0	-10.0	Peak	Vertical
	8191.0	32.2	12.3	44.5	54.0	-9.5	Peak	Vertical
*	8650.0	32.6	12.9	45.5	68.2	-22.7	Peak	Vertical
*	10214.0	33.0	16.0	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	33.6	11.7	45.3	54.0	-8.7	Peak	Horizontal
	8106.0	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
*	8667.0	32.6	12.9	45.5	68.2	-22.7	Peak	Horizontal
*	10469.0	32.2	16.8	49.0	68.2	-19.2	Peak	Horizontal
	7511.0	32.5	11.7	44.2	54.0	-9.8	Peak	Vertical
	8293.0	32.5	12.4	44.9	54.0	-9.1	Peak	Vertical
*	8599.0	32.7	12.7	45.4	68.2	-22.8	Peak	Vertical
*	10435.0	32.4	16.7	49.1	68.2	-19.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7587.5	32.5	11.8	44.3	54.0	-9.7	Peak	Horizontal
	8250.5	32.5	12.3	44.8	54.0	-9.2	Peak	Horizontal
*	8777.5	30.4	13.2	43.6	68.2	-24.6	Peak	Horizontal
*	9993.0	31.8	15.2	47.0	68.2	-21.2	Peak	Horizontal
	7528.0	32.3	11.7	44.0	54.0	-10.0	Peak	Vertical
	8123.0	31.1	12.3	43.4	54.0	-10.6	Peak	Vertical
*	8624.5	32.7	12.8	45.5	68.2	-22.7	Peak	Vertical
*	9746.5	32.7	14.4	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7528.0	32.9	11.7	44.6	54.0	-9.4	Peak	Horizontal
	8191.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8684.0	32.4	12.9	45.3	68.2	-22.9	Peak	Horizontal
*	10367.0	31.1	16.4	47.5	68.2	-20.7	Peak	Horizontal
	7545.0	32.5	11.8	44.3	54.0	-9.7	Peak	Vertical
	8157.0	32.1	12.3	44.4	54.0	-9.6	Peak	Vertical
*	9704.0	32.9	14.3	47.2	68.2	-21.0	Peak	Vertical
*	10486.0	31.6	16.8	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	32.9	11.8	44.7	54.0	-9.3	Peak	Horizontal
	8191.0	32.3	12.3	44.6	54.0	-9.4	Peak	Horizontal
*	8701.0	32.4	13.0	45.4	68.2	-22.8	Peak	Horizontal
*	10571.0	31.2	17.0	48.2	68.2	-20.0	Peak	Horizontal
	7494.0	32.1	11.7	43.8	54.0	-10.2	Peak	Vertical
	8106.0	32.7	12.3	45.0	54.0	-9.0	Peak	Vertical
*	9772.0	33.5	14.5	48.0	68.2	-20.2	Peak	Vertical
*	10469.0	31.8	16.8	48.6	68.2	-19.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7477.0	32.3	11.7	44.0	54.0	-10.0	Peak	Horizontal
	8361.0	32.1	12.4	44.5	54.0	-9.5	Peak	Horizontal
*	8599.0	32.9	12.7	45.6	68.2	-22.6	Peak	Horizontal
*	10265.0	31.5	16.1	47.6	68.2	-20.6	Peak	Horizontal
	7596.0	32.3	11.8	44.1	54.0	-9.9	Peak	Vertical
	8327.0	31.6	12.4	44.0	54.0	-10.0	Peak	Vertical
*	8735.0	32.4	13.1	45.5	68.2	-22.7	Peak	Vertical
*	10265.0	31.0	16.1	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7511.0	32.2	11.7	43.9	54.0	-10.1	Peak	Horizontal
	8157.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8735.0	31.8	13.1	44.9	68.2	-23.3	Peak	Horizontal
*	10401.0	31.8	16.6	48.4	68.2	-19.8	Peak	Horizontal
	7460.0	32.6	11.6	44.2	54.0	-9.8	Peak	Vertical
	8225.0	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
*	8650.0	32.8	12.9	45.7	68.2	-22.5	Peak	Vertical
*	10214.0	31.7	16.0	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7477.0	32.5	11.7	44.2	54.0	-9.8	Peak	Horizontal
	8123.0	32.6	12.3	44.9	54.0	-9.1	Peak	Horizontal
*	8735.0	32.1	13.1	45.2	68.2	-23.0	Peak	Horizontal
*	9925.0	32.7	15.0	47.7	68.2	-20.5	Peak	Horizontal
	7545.0	33.0	11.8	44.8	54.0	-9.2	Peak	Vertical
	8225.0	32.4	12.3	44.7	54.0	-9.3	Peak	Vertical
*	8752.0	31.7	13.1	44.8	68.2	-23.4	Peak	Vertical
*	9874.0	32.2	14.9	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7460.0	32.7	11.6	44.3	54.0	-9.7	Peak	Horizontal
	8174.0	31.5	12.3	43.8	54.0	-10.2	Peak	Horizontal
*	8701.0	32.0	13.0	45.0	68.2	-23.2	Peak	Horizontal
*	9738.0	32.7	14.4	47.1	68.2	-21.1	Peak	Horizontal
	7630.0	32.6	11.9	44.5	54.0	-9.5	Peak	Vertical
	8293.0	31.0	12.4	43.4	54.0	-10.6	Peak	Vertical
*	8752.0	31.2	13.1	44.3	68.2	-23.9	Peak	Vertical
*	10248.0	31.1	16.1	47.2	68.2	-21.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562.0	32.8	11.8	44.6	54.0	-9.4	Peak	Horizontal
	8089.0	32.4	12.3	44.7	54.0	-9.3	Peak	Horizontal
*	9891.0	32.5	14.9	47.4	68.2	-20.8	Peak	Horizontal
*	10469.0	31.5	16.8	48.3	68.2	-19.9	Peak	Horizontal
	7511.0	32.3	11.7	44.0	54.0	-10.0	Peak	Vertical
	8344.0	32.2	12.4	44.6	54.0	-9.4	Peak	Vertical
*	8735.0	32.1	13.1	45.2	68.2	-23.0	Peak	Vertical
*	10112.0	31.4	15.6	47.0	68.2	-21.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7647.0	32.0	11.9	43.9	54.0	-10.1	Peak	Horizontal
	8089.0	31.9	12.3	44.2	54.0	-9.8	Peak	Horizontal
*	8735.0	32.3	13.1	45.4	68.2	-22.8	Peak	Horizontal
*	10129.0	31.9	15.7	47.6	68.2	-20.6	Peak	Horizontal
	7545.0	32.4	11.8	44.2	54.0	-9.8	Peak	Vertical
	8123.0	32.0	12.3	44.3	54.0	-9.7	Peak	Vertical
*	8599.0	33.5	12.7	46.2	68.2	-22.0	Peak	Vertical
*	9738.0	32.7	14.4	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT160 - Ant 0 + 1 + 2 + 3	Test Channel:	50
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7307.0	33.1	11.3	44.4	54.0	-9.6	Peak	Horizontal
	8395.0	32.0	12.4	44.4	54.0	-9.6	Peak	Horizontal
*	8769.0	31.0	13.2	44.2	68.2	-24.0	Peak	Horizontal
*	10214.0	32.1	16.0	48.1	68.2	-20.1	Peak	Horizontal
	7545.0	32.2	11.8	44.0	54.0	-10.0	Peak	Vertical
	8157.0	32.1	12.3	44.4	54.0	-9.6	Peak	Vertical
*	9517.0	33.3	13.7	47.0	68.2	-21.2	Peak	Vertical
*	10248.0	31.3	16.1	47.4	68.2	-20.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ac-VHT160 - Ant 0 + 1 + 2 + 3	Test Channel:	114
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7358.0	33.0	11.4	44.4	54.0	-9.6	Peak	Horizontal
	8191.0	32.4	12.3	44.7	54.0	-9.3	Peak	Horizontal
*	8667.0	32.0	12.9	44.9	68.2	-23.3	Peak	Horizontal
*	9772.0	32.4	14.5	46.9	68.2	-21.3	Peak	Horizontal
	7579.0	32.2	11.8	44.0	54.0	-10.0	Peak	Vertical
	8106.0	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
*	8667.0	32.5	12.9	45.4	68.2	-22.8	Peak	Vertical
*	10316.0	32.0	16.3	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7358.0	33.1	11.4	44.5	54.0	-9.5	Peak	Horizontal
	8089.0	31.5	12.3	43.8	54.0	-10.2	Peak	Horizontal
*	8650.0	32.2	12.9	45.1	68.2	-23.1	Peak	Horizontal
*	10146.0	31.6	15.7	47.3	68.2	-20.9	Peak	Horizontal
	7290.0	32.9	11.3	44.2	54.0	-9.8	Peak	Vertical
	8174.0	31.4	12.3	43.7	54.0	-10.3	Peak	Vertical
*	8701.0	32.2	13.0	45.2	68.2	-23.0	Peak	Vertical
*	10367.0	31.8	16.4	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7443.0	32.1	11.6	43.7	54.0	-10.3	Peak	Horizontal
	8191.0	31.8	12.3	44.1	54.0	-9.9	Peak	Horizontal
*	8735.0	32.5	13.1	45.6	68.2	-22.6	Peak	Horizontal
*	9772.0	33.1	14.5	47.6	68.2	-20.6	Peak	Horizontal
	7494.0	32.8	11.7	44.5	54.0	-9.5	Peak	Vertical
	8174.0	32.4	12.3	44.7	54.0	-9.3	Peak	Vertical
*	8684.0	32.8	12.9	45.7	68.2	-22.5	Peak	Vertical
*	10282.0	31.9	16.2	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7341.0	32.8	11.4	44.2	54.0	-9.8	Peak	Horizontal
	8157.0	32.3	12.3	44.6	54.0	-9.4	Peak	Horizontal
*	8735.0	32.4	13.1	45.5	68.2	-22.7	Peak	Horizontal
*	10299.0	32.2	16.2	48.4	68.2	-19.8	Peak	Horizontal
	7324.0	32.8	11.3	44.1	54.0	-9.9	Peak	Vertical
	8089.0	32.2	12.3	44.5	54.0	-9.5	Peak	Vertical
*	8582.0	31.4	12.7	44.1	68.2	-24.1	Peak	Vertical
*	9755.0	33.0	14.5	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	32.3	11.8	44.1	54.0	-9.9	Peak	Horizontal
	8191.0	32.0	12.3	44.3	54.0	-9.7	Peak	Horizontal
*	8701.0	32.7	13.0	45.7	68.2	-22.5	Peak	Horizontal
*	10163.0	32.1	15.8	47.9	68.2	-20.3	Peak	Horizontal
	7460.0	32.4	11.6	44.0	54.0	-10.0	Peak	Vertical
	8242.0	32.4	12.3	44.7	54.0	-9.3	Peak	Vertical
*	8667.0	32.3	12.9	45.2	68.2	-23.0	Peak	Vertical
*	10401.0	31.5	16.6	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	32.4	11.9	44.3	54.0	-9.7	Peak	Horizontal
	8208.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8684.0	31.9	12.9	44.8	68.2	-23.4	Peak	Horizontal
*	9755.0	33.1	14.5	47.6	68.2	-20.6	Peak	Horizontal
	7426.0	32.4	11.6	44.0	54.0	-10.0	Peak	Vertical
	8157.0	32.0	12.3	44.3	54.0	-9.7	Peak	Vertical
*	8701.0	32.7	13.0	45.7	68.2	-22.5	Peak	Vertical
*	10282.0	31.3	16.2	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7477.0	31.5	11.7	43.2	54.0	-10.8	Peak	Horizontal
	8140.0	31.6	12.3	43.9	54.0	-10.1	Peak	Horizontal
*	8718.0	31.9	13.0	44.9	68.2	-23.3	Peak	Horizontal
*	10248.0	31.9	16.1	48.0	68.2	-20.2	Peak	Horizontal
	7630.0	32.0	11.9	43.9	54.0	-10.1	Peak	Vertical
	8140.0	31.6	12.3	43.9	54.0	-10.1	Peak	Vertical
*	8718.0	31.9	13.0	44.9	68.2	-23.3	Peak	Vertical
*	10248.0	31.9	16.1	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7698.0	32.7	11.9	44.6	54.0	-9.4	Peak	Horizontal
	8242.0	32.5	12.3	44.8	54.0	-9.2	Peak	Horizontal
*	8616.0	32.4	12.8	45.2	68.2	-23.0	Peak	Horizontal
*	10129.0	32.1	15.7	47.8	68.2	-20.4	Peak	Horizontal
	7545.0	32.9	11.8	44.7	54.0	-9.3	Peak	Vertical
	8174.0	31.9	12.3	44.2	54.0	-9.8	Peak	Vertical
*	8667.0	33.2	12.9	46.1	68.2	-22.1	Peak	Vertical
*	9704.0	32.2	14.3	46.5	68.2	-21.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7443.0	32.7	11.6	44.3	54.0	-9.7	Peak	Horizontal
	8123.0	33.7	12.3	46.0	54.0	-8.0	Peak	Horizontal
*	8667.0	32.4	12.9	45.3	68.2	-22.9	Peak	Horizontal
*	10418.0	31.4	16.6	48.0	68.2	-20.2	Peak	Horizontal
	7545.0	32.4	11.8	44.2	54.0	-9.8	Peak	Vertical
	8089.0	31.9	12.3	44.2	54.0	-9.8	Peak	Vertical
*	8701.0	32.0	13.0	45.0	68.2	-23.2	Peak	Vertical
*	9772.0	32.6	14.5	47.1	68.2	-21.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7545.0	32.3	11.8	44.1	54.0	-9.9	Peak	Horizontal
	8174.0	32.5	12.3	44.8	54.0	-9.2	Peak	Horizontal
*	8667.0	33.2	12.9	46.1	68.2	-22.1	Peak	Horizontal
*	9772.0	32.8	14.5	47.3	68.2	-20.9	Peak	Horizontal
	7494.0	32.2	11.7	43.9	54.0	-10.1	Peak	Vertical
	8174.0	31.9	12.3	44.2	54.0	-9.8	Peak	Vertical
*	8735.0	31.9	13.1	45.0	68.2	-23.2	Peak	Vertical
*	10214.0	32.4	16.0	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7315.5	32.4	11.3	43.7	54.0	-10.3	Peak	Horizontal
	8267.5	31.6	12.4	44.0	54.0	-10.0	Peak	Horizontal
*	8811.5	31.8	13.3	45.1	68.2	-23.1	Peak	Horizontal
*	10001.5	32.7	15.3	48.0	68.2	-20.2	Peak	Horizontal
	7681.0	33.0	11.9	44.9	54.0	-9.1	Peak	Vertical
	8250.5	31.1	12.3	43.4	54.0	-10.6	Peak	Vertical
*	8786.0	31.9	13.2	45.1	68.2	-23.1	Peak	Vertical
*	9695.5	32.3	14.3	46.6	68.2	-21.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7494.0	32.6	11.7	44.3	54.0	-9.7	Peak	Horizontal
	8191.0	32.6	12.3	44.9	54.0	-9.1	Peak	Horizontal
*	8684.0	32.9	12.9	45.8	68.2	-22.4	Peak	Horizontal
*	10214.0	32.3	16.0	48.3	68.2	-19.9	Peak	Horizontal
	7647.0	33.1	11.9	45.0	54.0	-9.0	Peak	Vertical
	8191.0	31.8	12.3	44.1	54.0	-9.9	Peak	Vertical
*	8650.0	32.8	12.9	45.7	68.2	-22.5	Peak	Vertical
*	10248.0	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	32.3	11.8	44.1	54.0	-9.9	Peak	Horizontal
	8225.0	31.7	12.3	44.0	54.0	-10.0	Peak	Horizontal
*	8650.0	32.3	12.9	45.2	68.2	-23.0	Peak	Horizontal
*	9993.0	32.9	15.2	48.1	68.2	-20.1	Peak	Horizontal
	7596.0	33.2	11.8	45.0	54.0	-9.0	Peak	Vertical
	8174.0	32.6	12.3	44.9	54.0	-9.1	Peak	Vertical
*	8582.0	32.5	12.7	45.2	68.2	-23.0	Peak	Vertical
*	10197.0	32.1	15.9	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579.0	33.7	11.8	45.5	54.0	-8.5	Peak	Horizontal
	8174.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8650.0	32.5	12.9	45.4	68.2	-22.8	Peak	Horizontal
*	10401.0	32.1	16.6	48.7	68.2	-19.5	Peak	Horizontal
	7426.0	33.6	11.6	45.2	54.0	-8.8	Peak	Vertical
	8123.0	32.1	12.3	44.4	54.0	-9.6	Peak	Vertical
*	8956.0	32.9	13.7	46.6	68.2	-21.6	Peak	Vertical
*	10299.0	31.5	16.2	47.7	68.2	-20.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7579.0	31.8	11.8	43.6	54.0	-10.4	Peak	Horizontal
	8191.0	31.7	12.3	44.0	54.0	-10.0	Peak	Horizontal
*	8667.0	32.9	12.9	45.8	68.2	-22.4	Peak	Horizontal
*	9721.0	33.0	14.4	47.4	68.2	-20.8	Peak	Horizontal
	7630.0	31.7	11.9	43.6	54.0	-10.4	Peak	Vertical
	8140.0	30.9	12.3	43.2	54.0	-10.8	Peak	Vertical
*	8667.0	31.6	12.9	44.5	68.2	-23.7	Peak	Vertical
*	10214.0	31.5	16.0	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	32.3	11.8	44.1	54.0	-9.9	Peak	Horizontal
	8208.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8701.0	32.5	13.0	45.5	68.2	-22.7	Peak	Horizontal
*	10248.0	31.3	16.1	47.4	68.2	-20.8	Peak	Horizontal
	7681.0	32.8	11.9	44.7	54.0	-9.3	Peak	Vertical
	8123.0	33.2	12.3	45.5	54.0	-8.5	Peak	Vertical
*	8752.0	32.7	13.1	45.8	68.2	-22.4	Peak	Vertical
*	10367.0	32.3	16.4	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7562.0	32.9	11.8	44.7	54.0	-9.3	Peak	Horizontal
	8463.0	32.5	12.4	44.9	54.0	-9.1	Peak	Horizontal
*	9704.0	33.0	14.3	47.3	68.2	-20.9	Peak	Horizontal
*	10367.0	30.2	16.4	46.6	68.2	-21.6	Peak	Horizontal
	7477.0	32.7	11.7	44.4	54.0	-9.6	Peak	Vertical
	8106.0	31.3	12.3	43.6	54.0	-10.4	Peak	Vertical
*	8616.0	32.8	12.8	45.6	68.2	-22.6	Peak	Vertical
*	10418.0	32.2	16.6	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7494.0	32.5	11.7	44.2	54.0	-9.8	Peak	Horizontal
	8480.0	31.8	12.5	44.3	54.0	-9.7	Peak	Horizontal
*	9738.0	32.5	14.4	46.9	68.2	-21.3	Peak	Horizontal
*	10214.0	31.2	16.0	47.2	68.2	-21.0	Peak	Horizontal
	7630.0	31.7	11.9	43.6	54.0	-10.4	Peak	Vertical
	8123.0	32.6	12.3	44.9	54.0	-9.1	Peak	Vertical
*	8684.0	32.9	12.9	45.8	68.2	-22.4	Peak	Vertical
*	10180.0	32.7	15.8	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7596.0	32.5	11.8	44.3	54.0	-9.7	Peak	Horizontal
	8123.0	32.0	12.3	44.3	54.0	-9.7	Peak	Horizontal
*	8667.0	32.2	12.9	45.1	68.2	-23.1	Peak	Horizontal
*	10214.0	31.7	16.0	47.7	68.2	-20.5	Peak	Horizontal
	7579.0	32.2	11.8	44.0	54.0	-10.0	Peak	Vertical
	8140.0	32.4	12.3	44.7	54.0	-9.3	Peak	Vertical
*	8684.0	32.0	12.9	44.9	68.2	-23.3	Peak	Vertical
*	10214.0	32.1	16.0	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	118
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7545.0	32.0	11.8	43.8	54.0	-10.2	Peak	Horizontal
	8208.0	31.5	12.3	43.8	54.0	-10.2	Peak	Horizontal
*	8684.0	34.0	12.9	46.9	68.2	-21.3	Peak	Horizontal
*	10316.0	31.5	16.3	47.8	68.2	-20.4	Peak	Horizontal
	7681.0	32.3	11.9	44.2	54.0	-9.8	Peak	Vertical
	8174.0	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
*	8752.0	32.1	13.1	45.2	68.2	-23.0	Peak	Vertical
*	10350.0	32.0	16.4	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7664.0	32.5	11.9	44.4	54.0	-9.6	Peak	Horizontal
	8463.0	31.8	12.4	44.2	54.0	-9.8	Peak	Horizontal
*	8718.0	32.9	13.0	45.9	68.2	-22.3	Peak	Horizontal
*	10248.0	31.4	16.1	47.5	68.2	-20.7	Peak	Horizontal
	7647.0	32.8	11.9	44.7	54.0	-9.3	Peak	Vertical
	8123.0	32.0	12.3	44.3	54.0	-9.7	Peak	Vertical
*	8650.0	32.3	12.9	45.2	68.2	-23.0	Peak	Vertical
*	10384.0	31.3	16.5	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7604.5	32.8	11.8	44.6	54.0	-9.4	Peak	Horizontal
	8301.5	31.5	12.4	43.9	54.0	-10.1	Peak	Horizontal
*	8692.5	30.6	13.0	43.6	68.2	-24.6	Peak	Horizontal
*	9593.5	31.0	13.9	44.9	68.2	-23.3	Peak	Horizontal
	7502.5	32.6	11.7	44.3	54.0	-9.7	Peak	Vertical
	8165.5	30.0	12.3	42.3	54.0	-11.7	Peak	Vertical
*	8692.5	31.3	13.0	44.3	68.2	-23.9	Peak	Vertical
*	9908.0	32.9	15.0	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7426.0	32.3	11.6	43.9	54.0	-10.1	Peak	Horizontal
	8157.0	32.2	12.3	44.5	54.0	-9.5	Peak	Horizontal
*	8599.0	32.8	12.7	45.5	68.2	-22.7	Peak	Horizontal
*	10435.0	31.8	16.7	48.5	68.2	-19.7	Peak	Horizontal
	7579.0	32.0	11.8	43.8	54.0	-10.2	Peak	Vertical
	8225.0	31.3	12.3	43.6	54.0	-10.4	Peak	Vertical
*	8752.0	31.7	13.1	44.8	68.2	-23.4	Peak	Vertical
*	10435.0	32.0	16.7	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7443.0	32.5	11.6	44.1	54.0	-9.9	Peak	Horizontal
	8191.0	32.3	12.3	44.6	54.0	-9.4	Peak	Horizontal
*	8718.0	31.3	13.0	44.3	68.2	-23.9	Peak	Horizontal
*	9959.0	32.6	15.1	47.7	68.2	-20.5	Peak	Horizontal
	7307.0	32.3	11.3	43.6	54.0	-10.4	Peak	Vertical
	8208.0	32.4	12.3	44.7	54.0	-9.3	Peak	Vertical
*	8684.0	32.4	12.9	45.3	68.2	-22.9	Peak	Vertical
*	10520.0	31.1	16.9	48.0	68.2	-20.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7460.0	32.4	11.6	44.0	54.0	-10.0	Peak	Horizontal
	8191.0	32.0	12.3	44.3	54.0	-9.7	Peak	Horizontal
*	8633.0	32.3	12.8	45.1	68.2	-23.1	Peak	Horizontal
*	10435.0	32.4	16.7	49.1	68.2	-19.1	Peak	Horizontal
	7545.0	32.4	11.8	44.2	54.0	-9.8	Peak	Vertical
	8140.0	32.6	12.3	44.9	54.0	-9.1	Peak	Vertical
*	8718.0	31.8	13.0	44.8	68.2	-23.4	Peak	Vertical
*	10452.0	31.2	16.7	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7528.0	32.2	11.7	43.9	54.0	-10.1	Peak	Horizontal
	8157.0	33.0	12.3	45.3	54.0	-8.7	Peak	Horizontal
*	8616.0	32.5	12.8	45.3	68.2	-22.9	Peak	Horizontal
*	10350.0	32.0	16.4	48.4	68.2	-19.8	Peak	Horizontal
	7715.0	33.7	11.9	45.6	54.0	-8.4	Peak	Vertical
	8191.0	32.9	12.3	45.2	54.0	-8.8	Peak	Vertical
*	8667.0	32.3	12.9	45.2	68.2	-23.0	Peak	Vertical
*	10214.0	31.5	16.0	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7562.0	32.2	11.8	44.0	54.0	-10.0	Peak	Horizontal
	8106.0	32.1	12.3	44.4	54.0	-9.6	Peak	Horizontal
*	8616.0	32.6	12.8	45.4	68.2	-22.8	Peak	Horizontal
*	10248.0	31.8	16.1	47.9	68.2	-20.3	Peak	Horizontal
	7443.0	33.2	11.6	44.8	54.0	-9.2	Peak	Vertical
	8174.0	32.3	12.3	44.6	54.0	-9.4	Peak	Vertical
*	8616.0	32.8	12.8	45.6	68.2	-22.6	Peak	Vertical
*	9755.0	33.0	14.5	47.5	68.2	-20.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7596.0	32.4	11.8	44.2	54.0	-9.8	Peak	Horizontal
	8174.0	32.0	12.3	44.3	54.0	-9.7	Peak	Horizontal
*	8633.0	32.3	12.8	45.1	68.2	-23.1	Peak	Horizontal
*	9755.0	32.7	14.5	47.2	68.2	-21.0	Peak	Horizontal
	7511.0	31.9	11.7	43.6	54.0	-10.4	Peak	Vertical
	8191.0	31.9	12.3	44.2	54.0	-9.8	Peak	Vertical
*	8701.0	31.0	13.0	44.0	68.2	-24.2	Peak	Vertical
*	9755.0	32.5	14.5	47.0	68.2	-21.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7528.0	32.2	11.7	43.9	54.0	-10.1	Peak	Horizontal
	8259.0	32.1	12.4	44.5	54.0	-9.5	Peak	Horizontal
*	8684.0	32.3	12.9	45.2	68.2	-23.0	Peak	Horizontal
*	10299.0	32.1	16.2	48.3	68.2	-19.9	Peak	Horizontal
	7494.0	32.7	11.7	44.4	54.0	-9.6	Peak	Vertical
	8140.0	32.2	12.3	44.5	54.0	-9.5	Peak	Vertical
*	8701.0	32.2	13.0	45.2	68.2	-23.0	Peak	Vertical
*	10435.0	31.7	16.7	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7460.0	32.0	11.6	43.6	54.0	-10.4	Peak	Horizontal
	8191.0	31.6	12.3	43.9	54.0	-10.1	Peak	Horizontal
*	8650.0	32.5	12.9	45.4	68.2	-22.8	Peak	Horizontal
*	10265.0	32.6	16.1	48.7	68.2	-19.5	Peak	Horizontal
	7358.0	33.2	11.4	44.6	54.0	-9.4	Peak	Vertical
	8140.0	32.3	12.3	44.6	54.0	-9.4	Peak	Vertical
*	8905.0	31.4	13.5	44.9	68.2	-23.3	Peak	Vertical
*	10316.0	31.9	16.3	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE160 - Ant 0 + 1 + 2 + 3	Test Channel:	50
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7443.0	32.4	11.6	44.0	54.0	-10.0	Peak	Horizontal
	8106.0	32.0	12.3	44.3	54.0	-9.7	Peak	Horizontal
*	8684.0	32.2	12.9	45.1	68.2	-23.1	Peak	Horizontal
*	10214.0	31.2	16.0	47.2	68.2	-21.0	Peak	Horizontal
	7562.0	33.4	11.8	45.2	54.0	-8.8	Peak	Vertical
	8089.0	31.7	12.3	44.0	54.0	-10.0	Peak	Vertical
*	8599.0	34.5	12.7	47.2	68.2	-21.0	Peak	Vertical
*	10214.0	32.4	16.0	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	ACCESS POINT	Temperature	25°C
Test Engineer	Kervin Ker	Relative Humidity	54 %
Test Site	AC1	Test Date	2020/03/05
Test Mode:	802.11ax-HE160 - Ant 0 + 1 + 2 + 3	Test Channel:	114
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7613.0	31.5	11.8	43.3	54.0	-10.7	Peak	Horizontal
	8378.0	31.8	12.4	44.2	54.0	-9.8	Peak	Horizontal
*	8667.0	32.9	12.9	45.8	68.2	-22.4	Peak	Horizontal
*	10129.0	33.5	15.7	49.2	68.2	-19.0	Peak	Horizontal
	7596.0	32.5	11.8	44.3	54.0	-9.7	Peak	Vertical
	8259.0	32.8	12.4	45.2	54.0	-8.8	Peak	Vertical
*	8752.0	33.2	13.1	46.3	68.2	-21.9	Peak	Vertical
*	9704.0	33.0	14.3	47.3	68.2	-20.9	Peak	Vertical

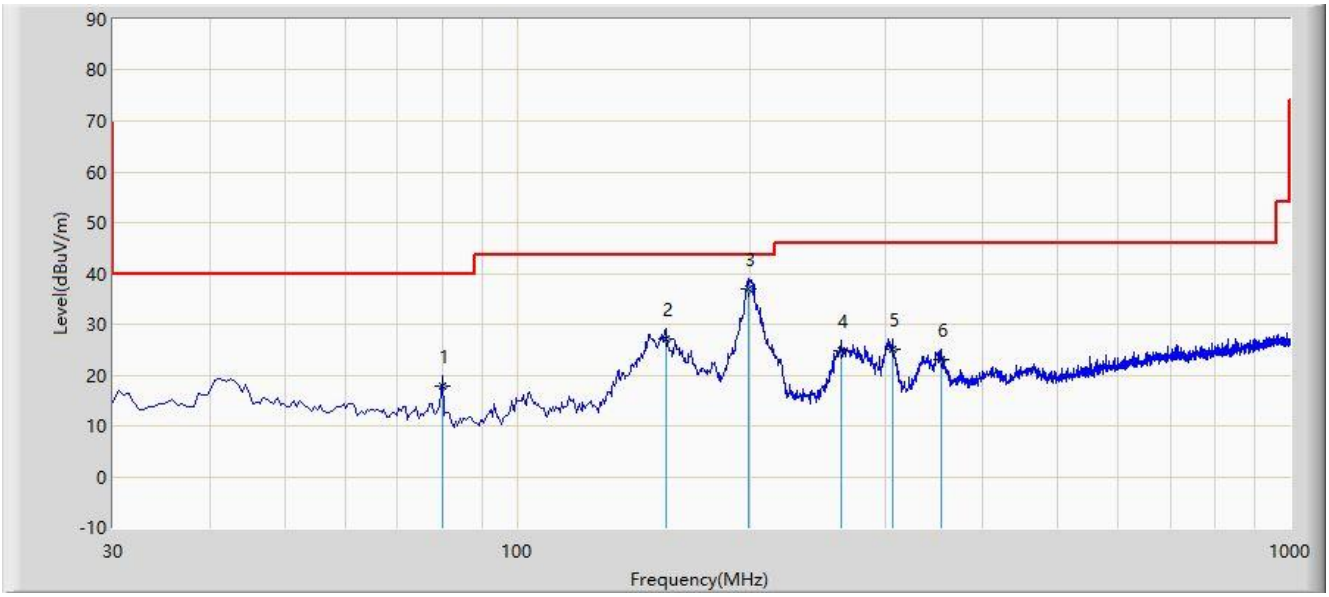
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBµV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2020/05/10 - 15:09
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: VULB 9162 30MHz-8GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Note: There is the worst case within frequency range 30MHz~1GHz.	



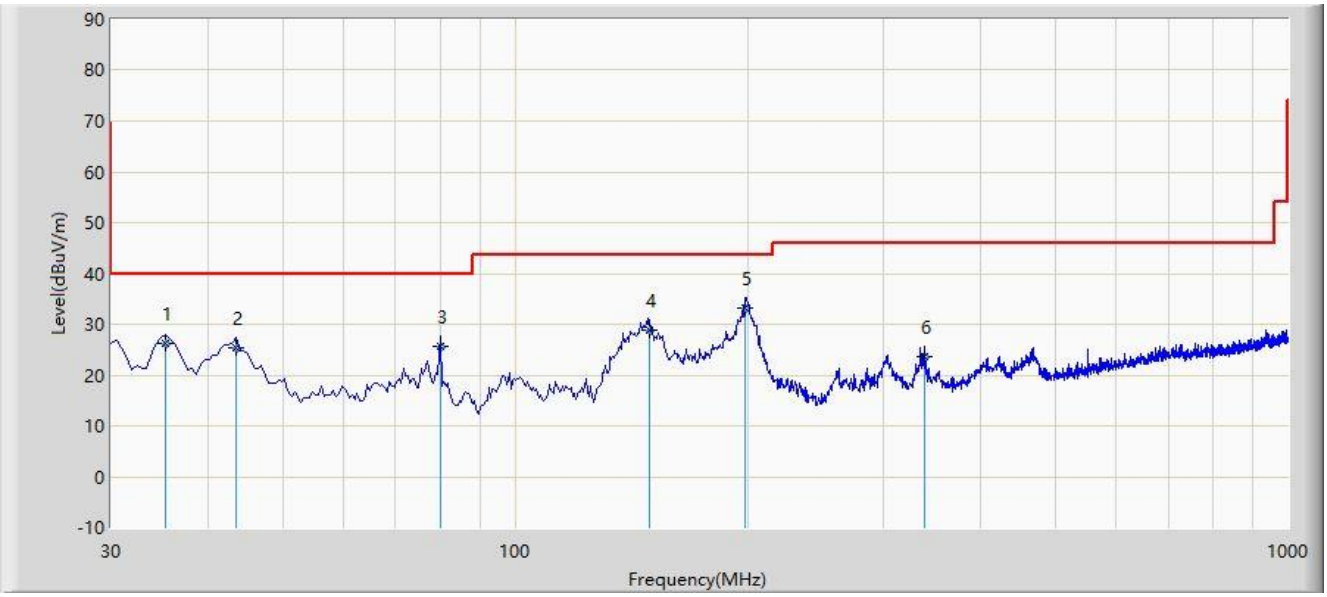
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			79.955	17.798	3.636	-22.202	40.000	14.162	QP
2			155.615	27.204	11.237	-16.296	43.500	15.967	QP
3		*	199.265	36.974	18.041	-6.526	43.500	18.934	QP
4			262.315	24.682	4.080	-21.318	46.000	20.602	QP
5			305.965	25.204	3.562	-20.796	46.000	21.642	QP
6			353.495	22.944	-0.537	-23.056	46.000	23.481	QP

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

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

Note 2: The amplitude of spurious emissions (frequency range 9kHz ~ 30MHz, 18GHz ~ 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/05/10 - 15:12
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: VULB 9162 30MHz-8GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Note: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			35.335	26.092	6.953	-13.908	40.000	19.139	QP
2			43.580	25.299	4.109	-14.701	40.000	21.190	QP
3			79.955	25.716	11.554	-14.284	40.000	14.162	QP
4			149.310	28.847	13.097	-14.653	43.500	15.750	QP
5		*	198.780	33.224	14.302	-10.276	43.500	18.922	QP
6			339.430	23.766	0.766	-22.234	46.000	23.000	QP

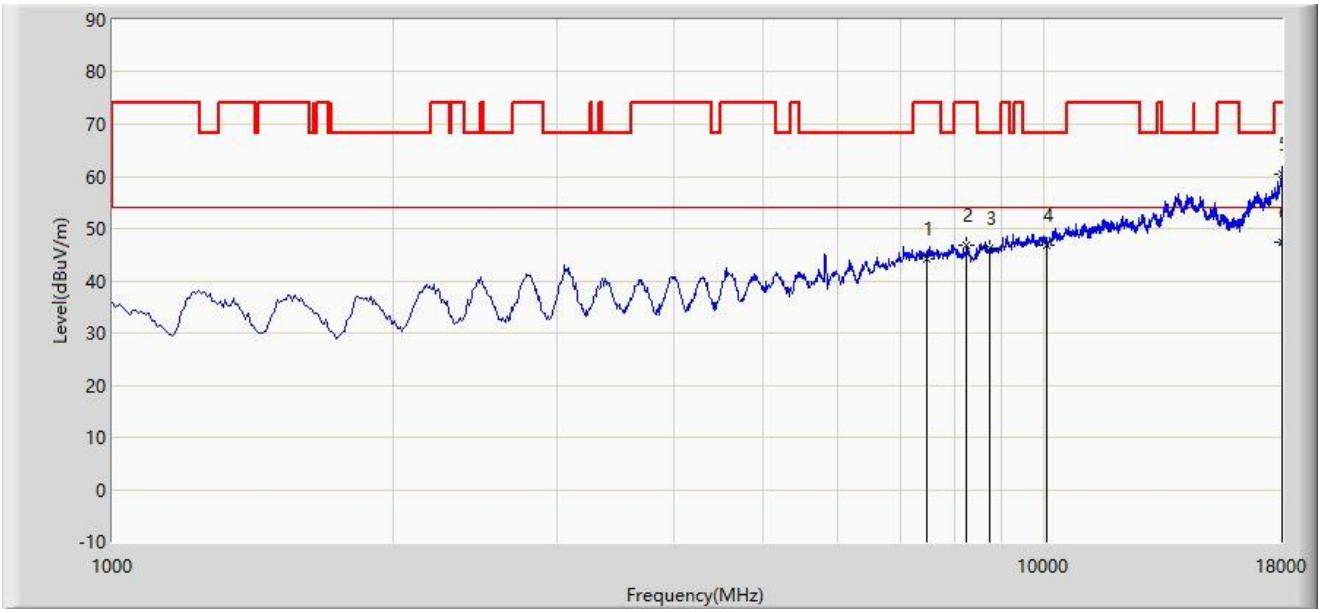
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The amplitude of spurious emissions (frequency range 9kHz ~ 30MHz, 18GHz ~ 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

The Worst Case of Radiated Emission above 1GHz:

Site: AC1	Time: 2020/03/05 - 16:13
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By POE
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz	



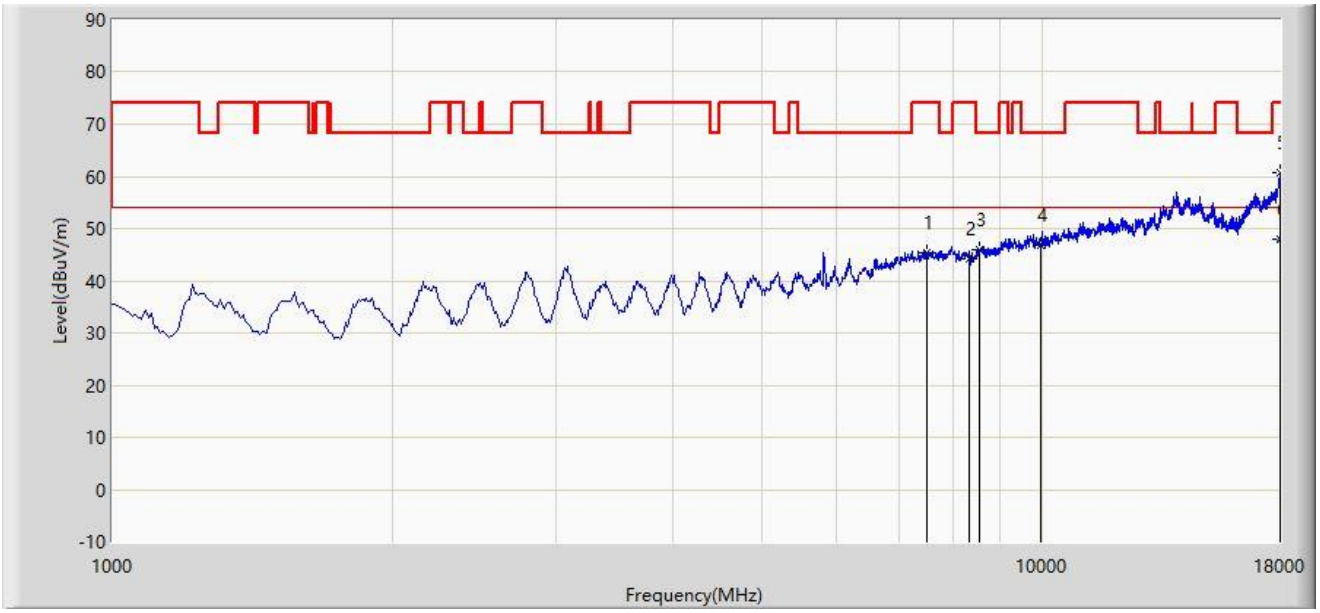
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7477.000	44.287	32.624	-29.713	74.000	11.663	PK
2			8242.000	46.867	34.528	-27.133	74.000	12.339	PK
3			8752.000	46.236	33.112	-21.964	68.200	13.124	PK
4			10052.500	46.956	31.527	-21.244	68.200	15.428	PK
5			18000.000	60.530	29.060	-13.470	74.000	31.470	PK
6		*	18000.000	47.500	16.030	-6.500	54.000	31.470	AV

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

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

Note 2: The amplitude of spurious emissions (frequency range 9kHz ~ 30MHz, 18GHz ~ 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/03/05 - 16:17
Limit: FCC_Part15.209_RSE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By POE
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7502.500	45.295	33.581	-28.705	74.000	11.714	PK
2			8352.500	44.327	31.939	-29.673	74.000	12.388	PK
3			8543.500	45.805	33.235	-22.395	68.200	12.571	PK
4			9942.000	46.939	31.870	-21.261	68.200	15.069	PK
5			18000.000	60.799	29.329	-13.201	74.000	31.470	PK
6		*	18000.000	48.010	16.540	-5.990	54.000	31.470	AV

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

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

Note 2: The amplitude of spurious emissions (frequency range 9kHz ~ 30MHz, 18GHz ~ 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

7.9. Radiated Restricted Band Edge Measurement

7.9.1.Test Limit

For 15.205 requirement:

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

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

For 15.407(b) requirement:

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

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of -27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz.

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

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

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.9.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

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

7.9.3.Test Setting

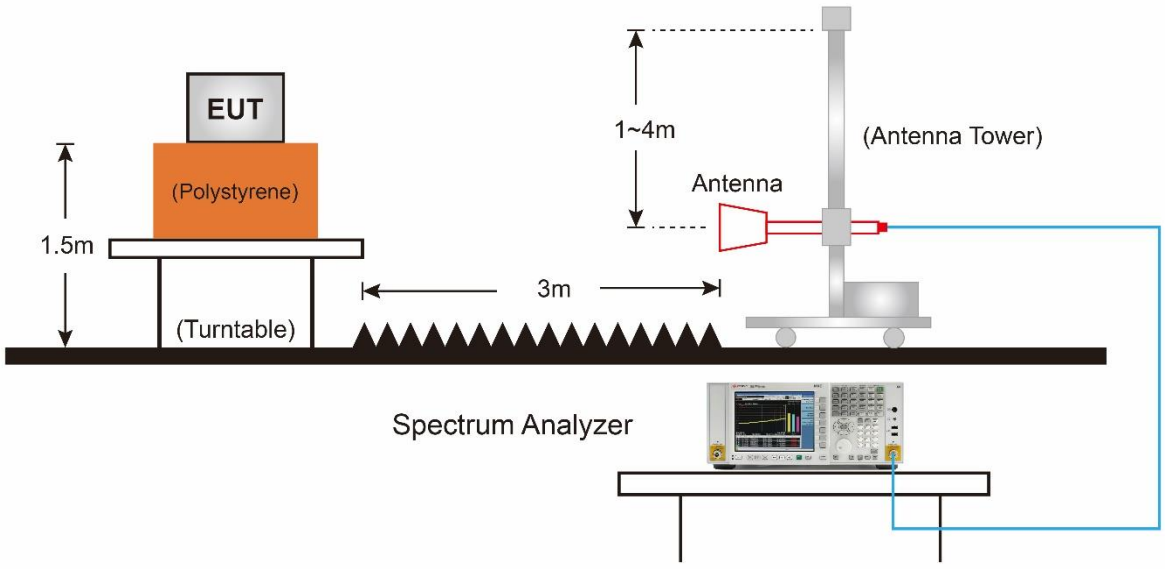
Peak Measurements above 1GHz

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

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

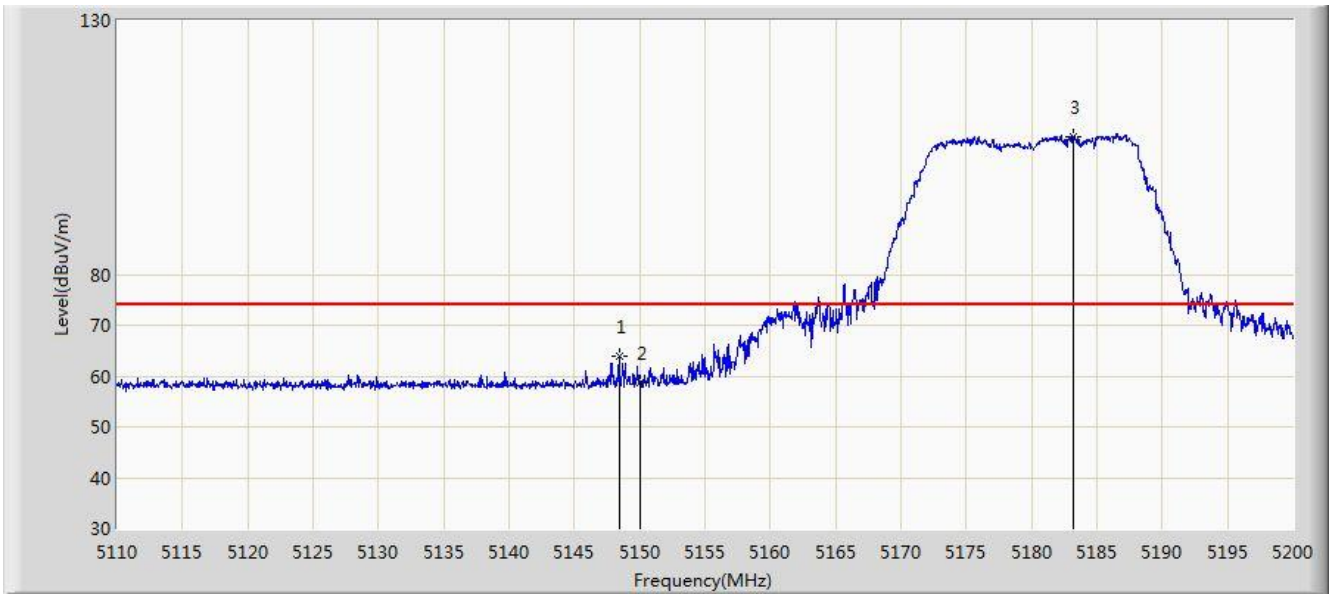
7.9.4.Test Setup



7.9.5.Test Result

Antenna Model: AP-ANT-20W

Site: AC1	Time: 2020/01/01 - 02:13
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5180MHz	

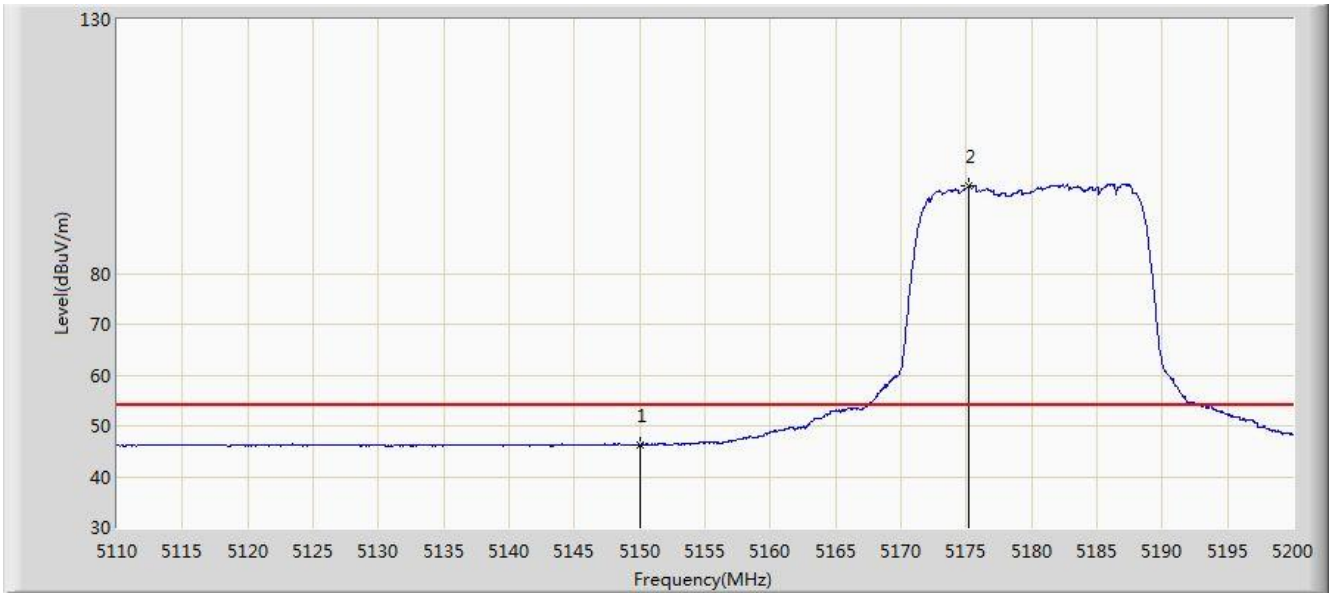


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.430	64.031	60.386	-9.969	74.000	3.645	PK
2			5150.000	58.723	55.077	-15.277	74.000	3.646	PK
3		*	5183.170	107.175	103.508	N/A	N/A	3.667	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5180MHz	

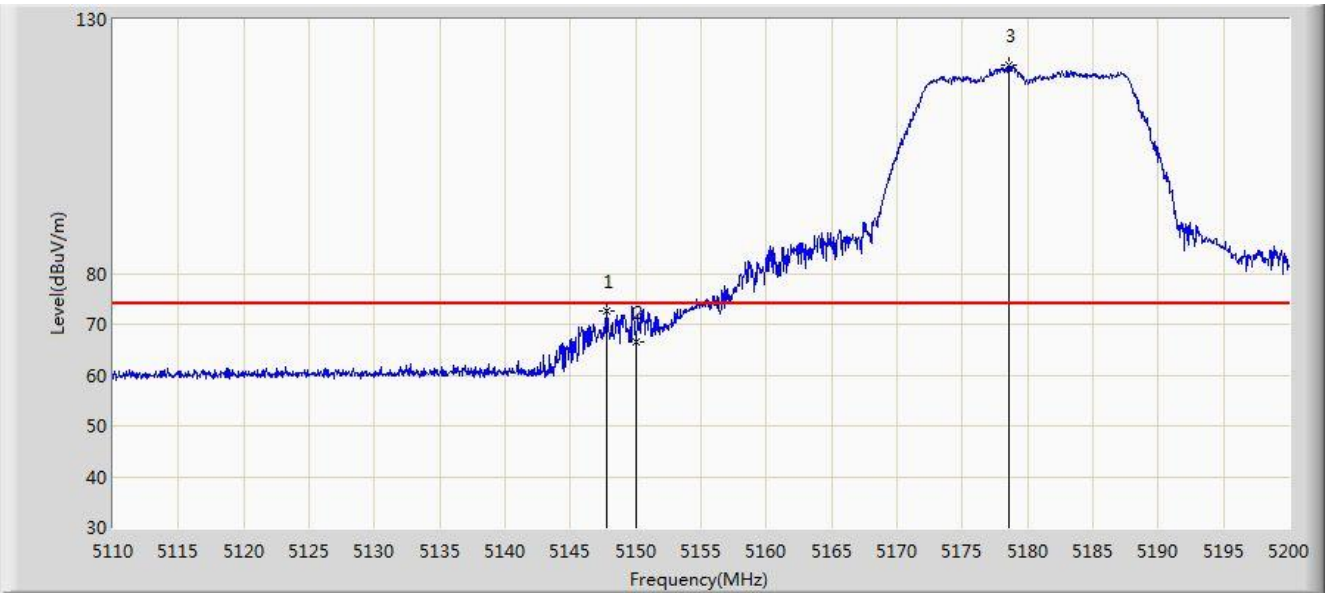


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.218	42.572	-7.782	54.000	3.646	AV
2		*	5175.205	97.239	93.577	N/A	N/A	3.662	AV

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

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

Site: AC1	Time: 2020/01/01 - 02:02
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5180MHz	

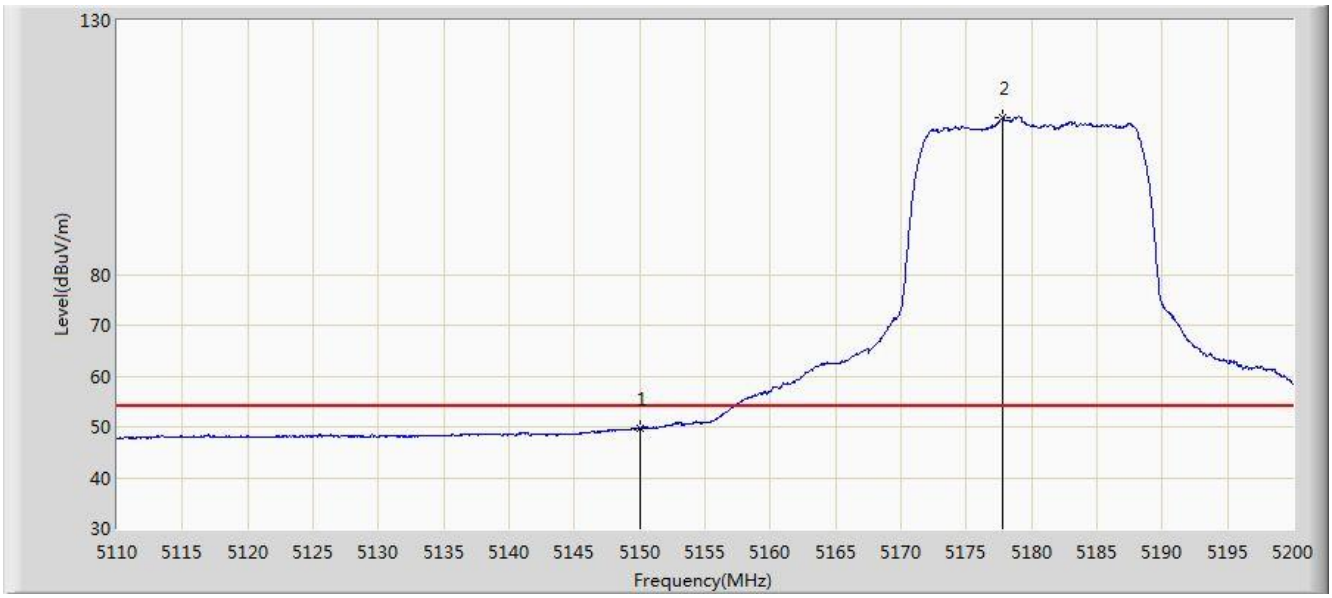


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.800	72.746	69.101	-1.254	74.000	3.645	PK
2			5150.000	66.541	62.895	-7.459	74.000	3.646	PK
3		*	5178.580	120.879	117.215	N/A	N/A	3.664	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:05
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5180MHz	

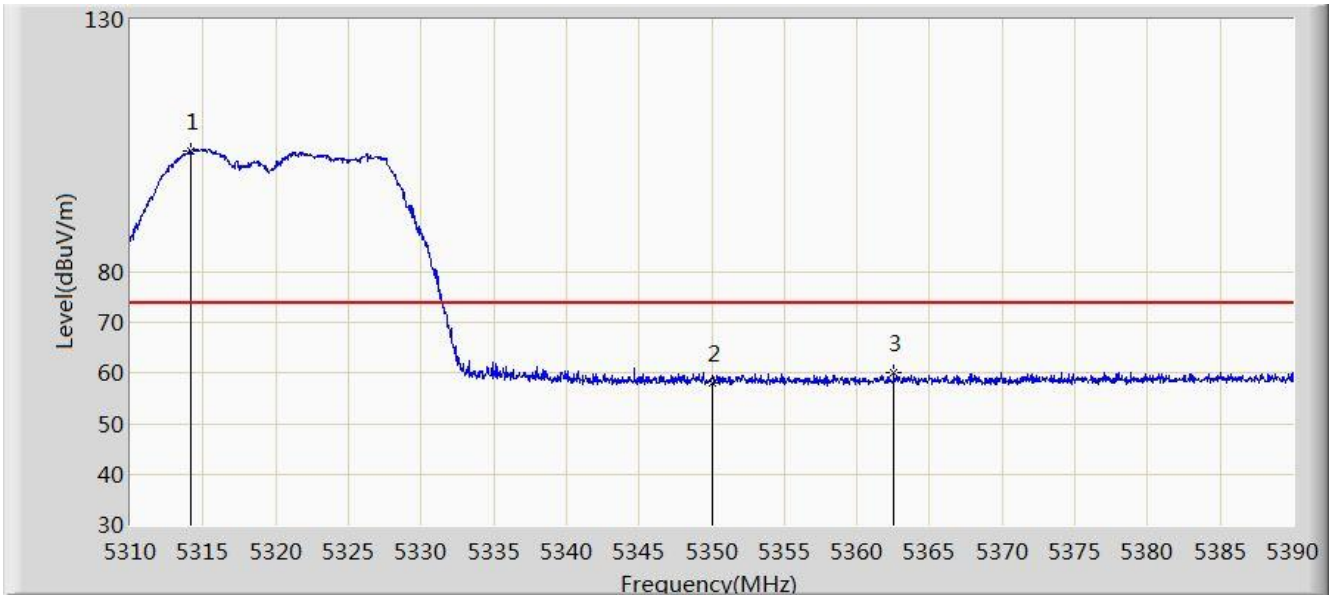


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.614	45.968	-4.386	54.000	3.646	AV
2	X	*	5177.815	110.814	107.151	N/A	N/A	3.663	AV

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

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

Site: AC1	Time: 2020/02/13 - 01:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5320MHz	

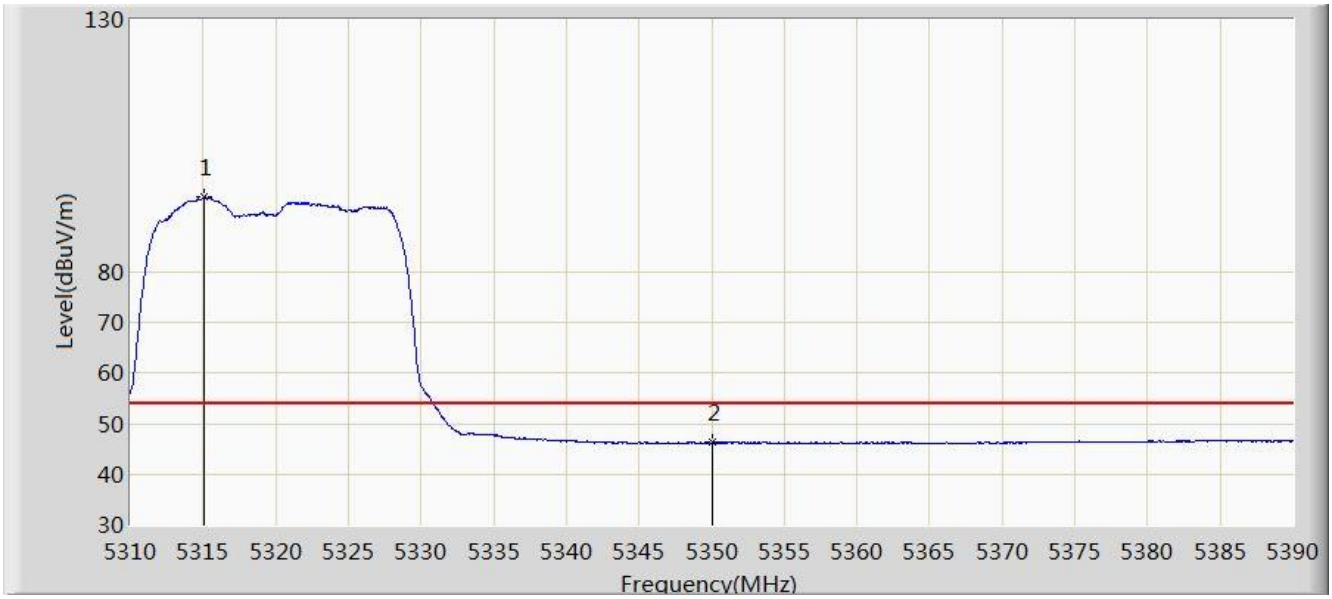


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.200	104.118	100.367	N/A	N/A	3.752	PK
2			5350.000	58.119	54.345	-15.881	74.000	3.774	PK
3			5362.560	60.056	56.274	-13.944	74.000	3.782	PK

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

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

Site: AC1	Time: 2020/02/13 - 01:44
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5320MHz	

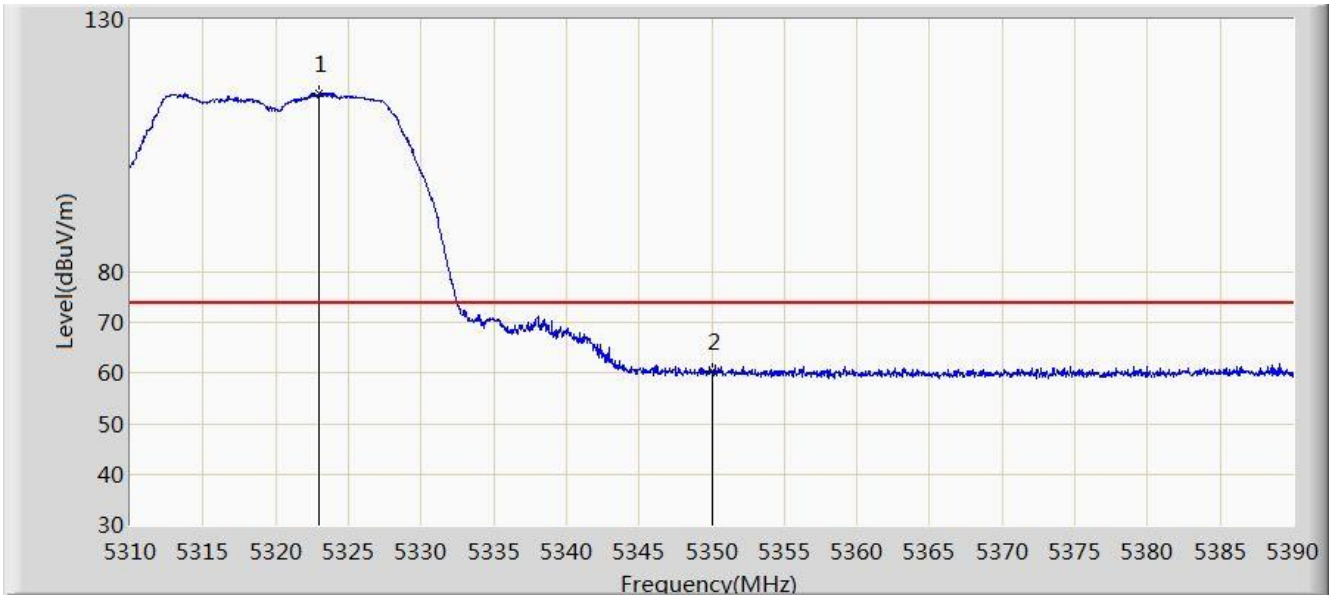


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.040	94.854	91.102	N/A	N/A	3.751	AV
2			5350.000	46.312	42.538	-7.688	54.000	3.774	AV

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

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

Site: AC1	Time: 2020/02/13 - 01:54
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5320MHz	

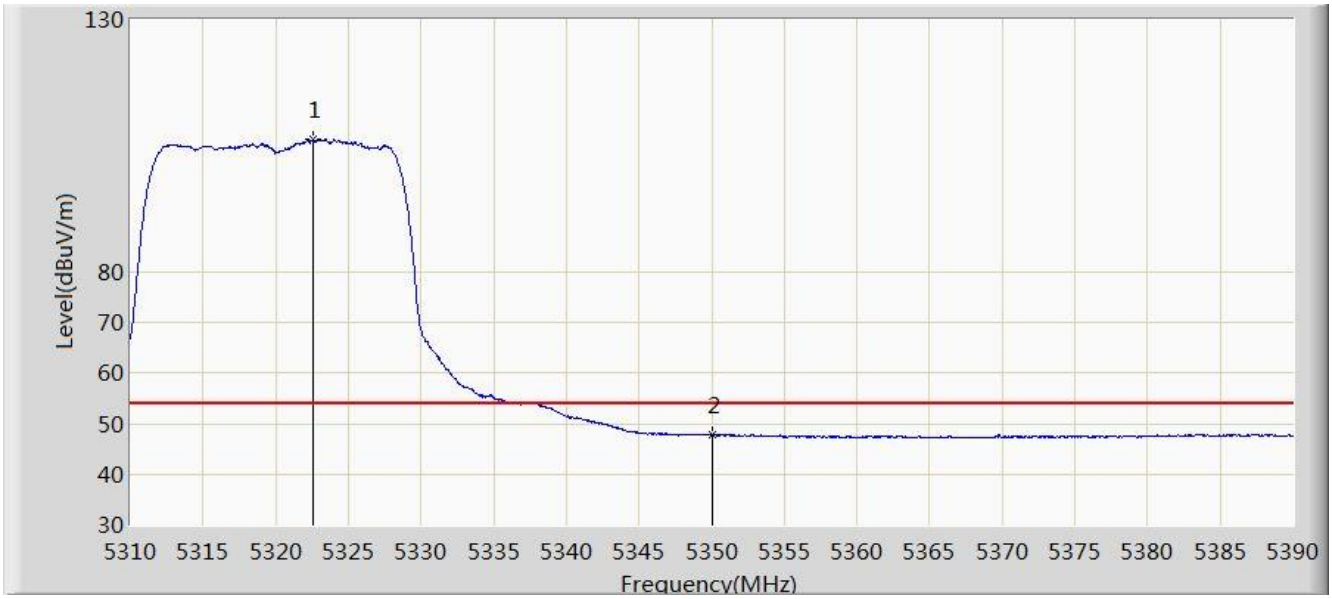


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5323.000	115.261	111.504	N/A	N/A	3.758	PK
2			5350.000	60.339	56.565	-13.661	74.000	3.774	PK

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

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

Site: AC1	Time: 2020/02/13 - 02:00
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5320MHz	

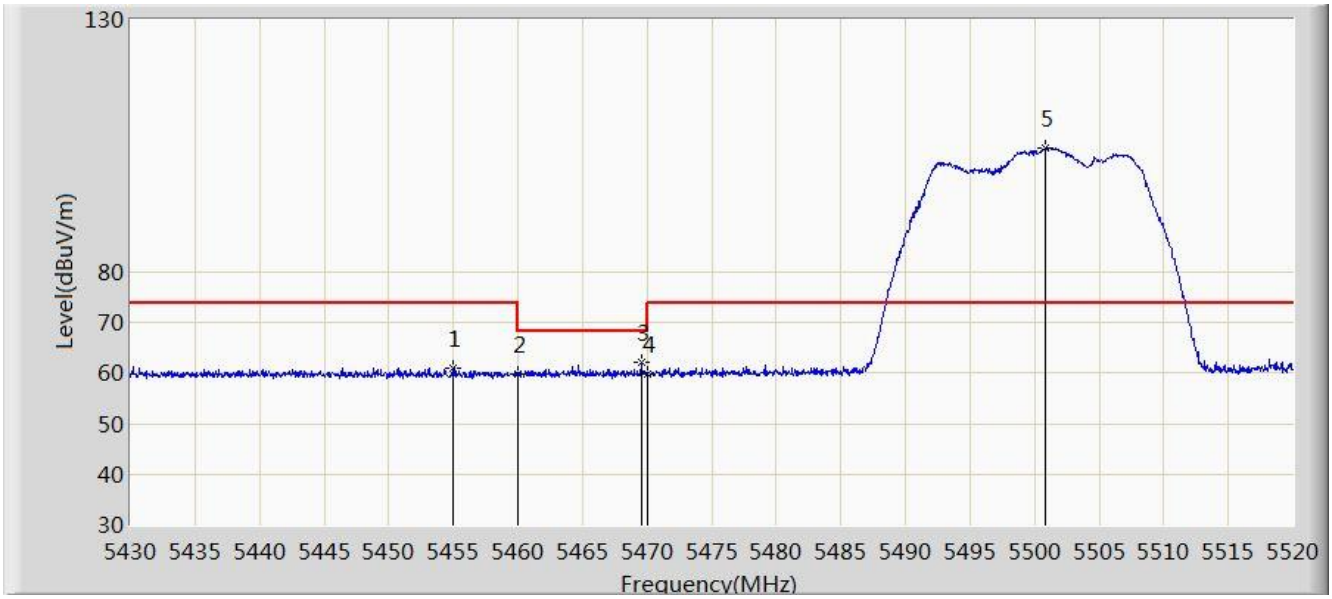


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.560	106.291	102.534	N/A	N/A	3.757	AV
2			5350.000	47.736	43.962	-6.264	54.000	3.774	AV

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

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

Site: AC1	Time: 2020/02/13 - 02:02
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5500MHz	

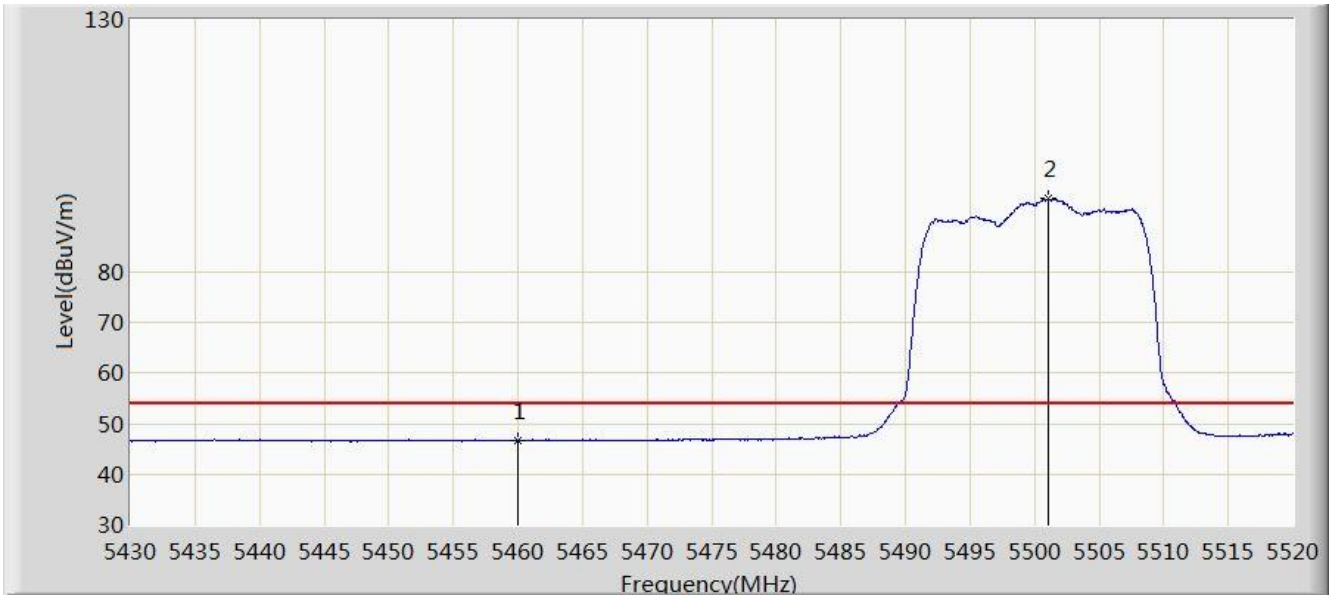


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5454.930	60.993	57.152	-13.007	74.000	3.841	PK
2			5460.000	59.812	55.968	-14.188	74.000	3.844	PK
3			5469.555	62.163	58.313	-6.037	68.200	3.850	PK
4			5470.000	59.876	56.025	-8.324	68.200	3.850	PK
5		*	5500.830	104.429	100.546	N/A	N/A	3.883	PK

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

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

Site: AC1	Time: 2020/02/13 - 02:16
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5500MHz	

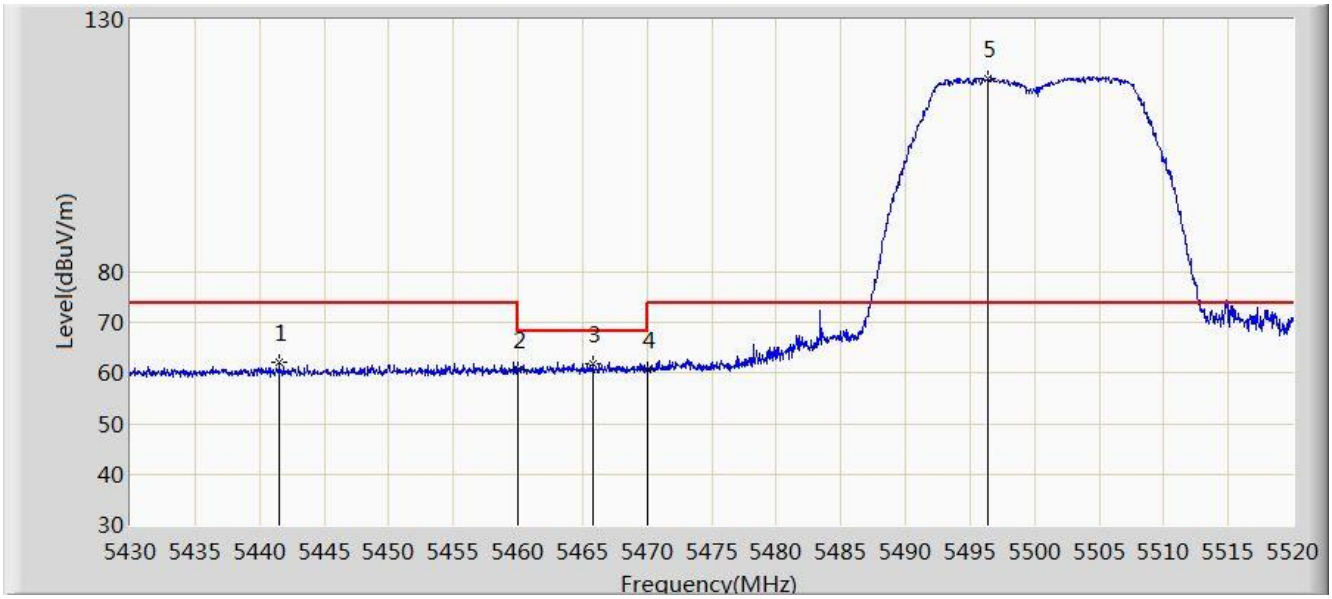


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.721	42.877	-7.279	54.000	3.844	AV
2		*	5501.010	94.490	90.607	N/A	N/A	3.883	AV

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

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

Site: AC1	Time: 2020/02/13 - 02:19
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5500MHz	

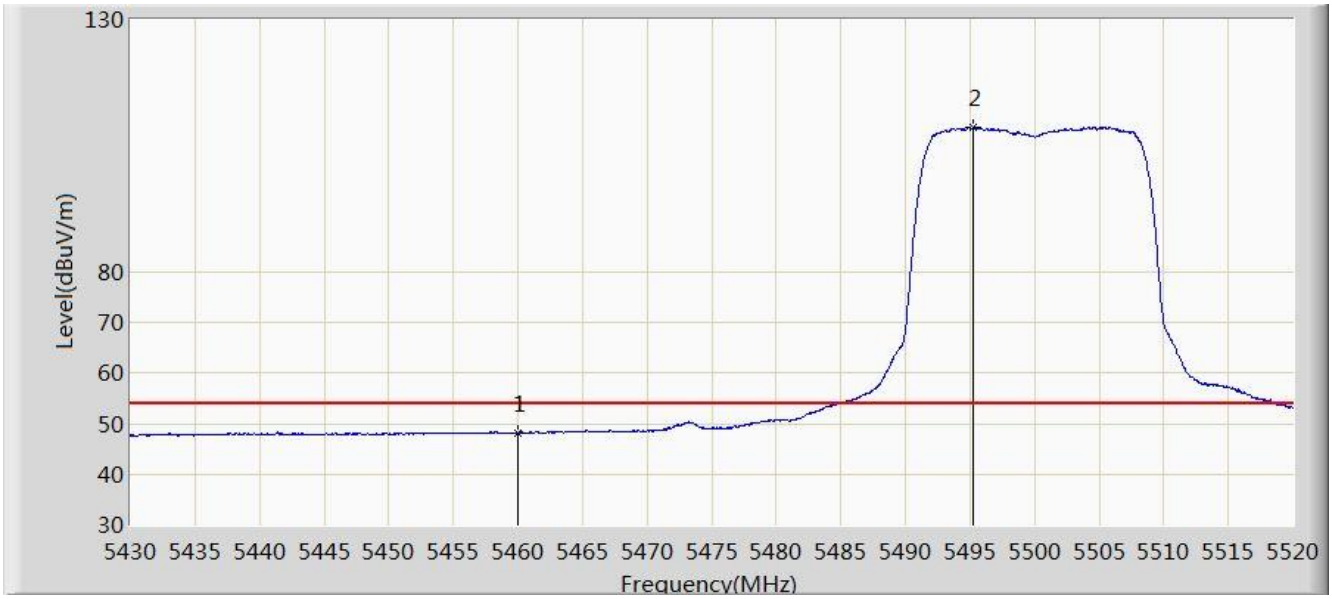


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5441.520	62.161	58.329	-11.839	74.000	3.833	PK
2			5460.000	60.827	56.983	-13.173	74.000	3.844	PK
3			5465.820	61.921	58.073	-6.279	68.200	3.848	PK
4			5470.000	60.725	56.874	-7.475	68.200	3.850	PK
5		*	5496.420	118.374	114.498	N/A	N/A	3.876	PK

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

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

Site: AC1	Time: 2020/02/13 - 02:22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5500MHz	

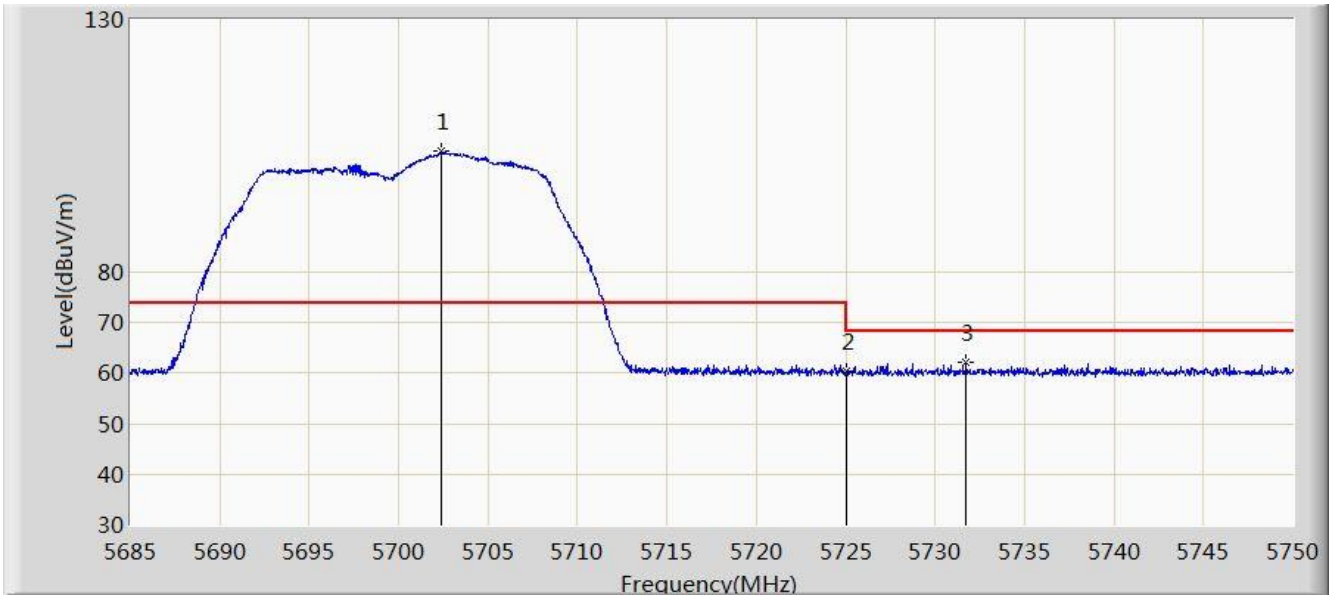


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.198	44.354	-5.802	54.000	3.844	AV
2	X	*	5495.295	108.742	104.867	N/A	N/A	3.875	AV

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

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

Site: AC1	Time: 2020/02/13 - 02:27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5700MHz	

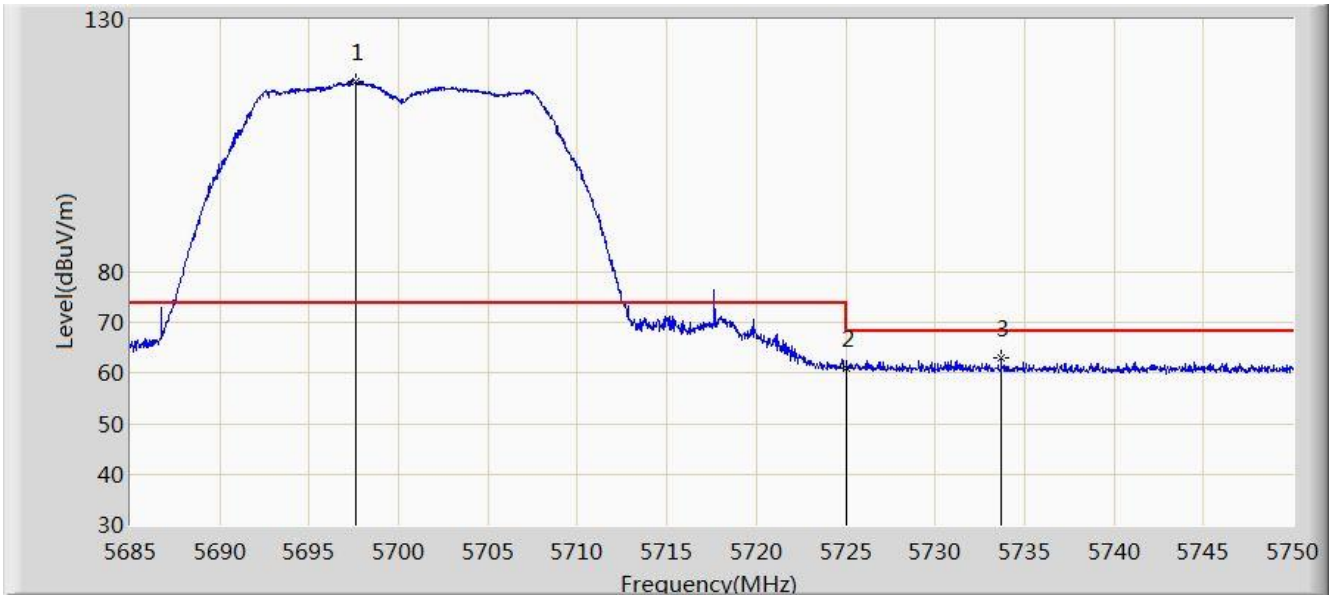


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.420	103.852	99.205	N/A	N/A	4.647	PK
2			5725.000	60.322	55.588	-7.878	68.200	4.734	PK
3			5731.703	62.151	57.391	-6.049	68.200	4.759	PK

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

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

Site: AC1	Time: 2020/02/13 - 02:34
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5700MHz	

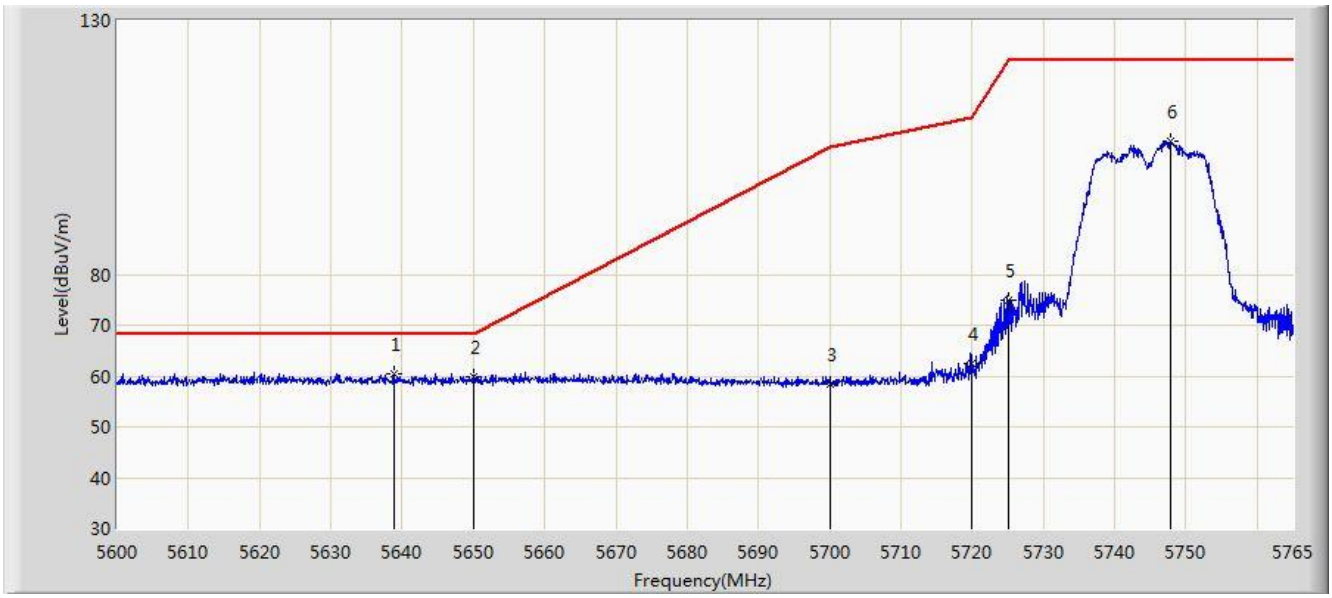


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5697.578	117.752	113.123	N/A	N/A	4.629	PK
2			5725.000	61.092	56.358	-7.108	68.200	4.734	PK
3			5733.685	62.936	58.169	-5.264	68.200	4.767	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:28
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5745MHz	

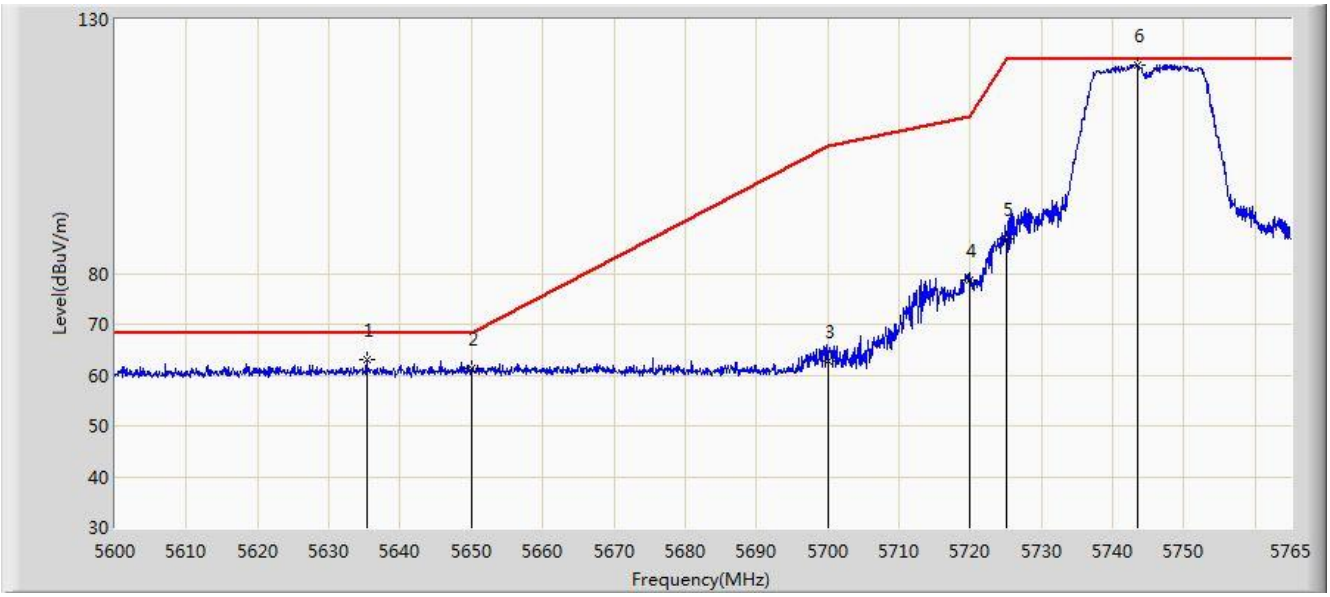


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5638.940	60.566	56.162	-7.634	68.200	4.404	PK
2			5650.000	59.972	55.526	-8.228	68.200	4.446	PK
3			5700.000	58.323	53.685	-46.877	105.200	4.638	PK
4			5720.000	62.371	57.656	-48.429	110.800	4.715	PK
5			5725.000	74.807	70.073	-47.393	122.200	4.734	PK
6			5747.840	106.287	101.466	N/A	N/A	4.822	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:22
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5745MHz	

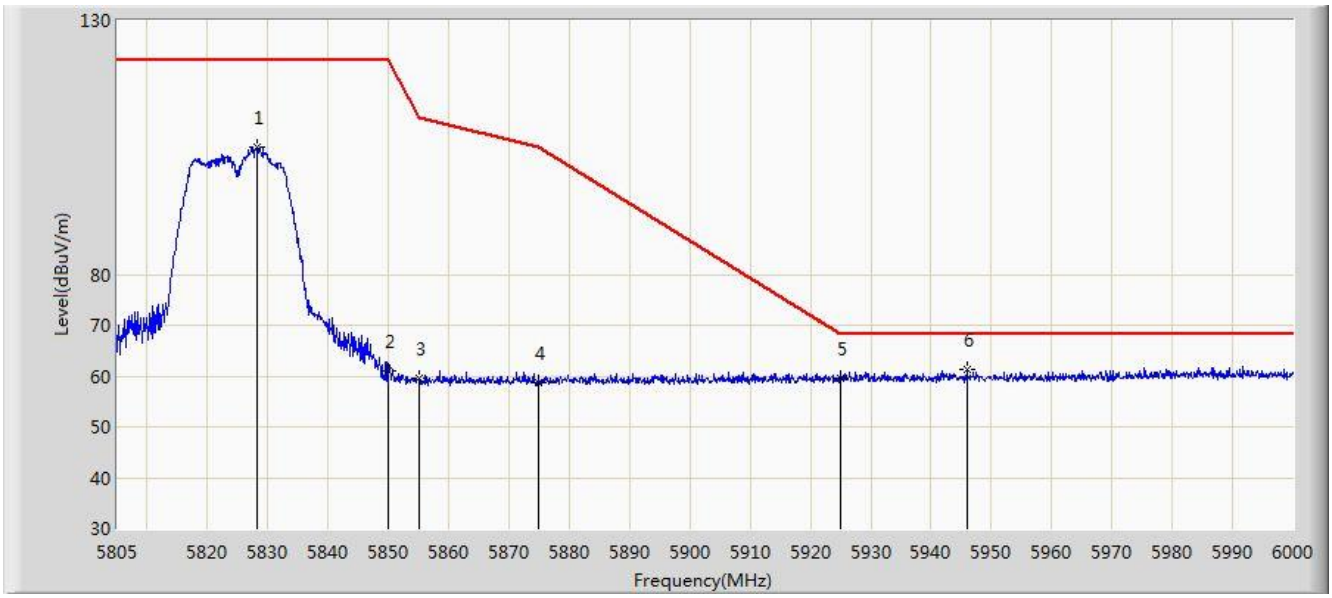


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5635.310	62.955	58.565	-5.245	68.200	4.390	PK
2			5650.000	61.165	56.719	-7.035	68.200	4.446	PK
3			5700.000	62.832	58.194	-42.368	105.200	4.638	PK
4			5720.000	78.654	73.939	-32.146	110.800	4.715	PK
5			5725.000	86.780	82.046	-35.420	122.200	4.734	PK
6		*	5743.550	121.153	116.348	N/A	N/A	4.805	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:00
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5825MHz	

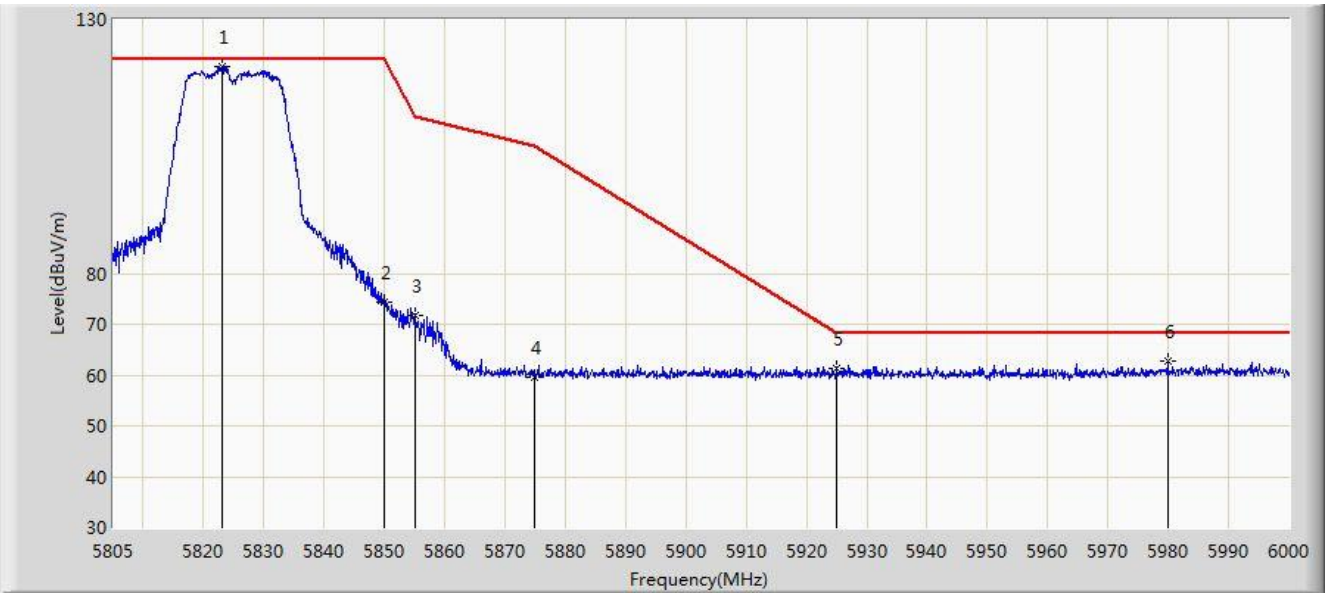


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5828.107	105.017	99.887	N/A	N/A	5.130	PK
2			5850.000	60.987	55.773	-61.213	122.200	5.214	PK
3			5855.000	59.473	54.240	-51.327	110.800	5.233	PK
4			5875.000	58.624	53.314	-46.576	105.200	5.310	PK
5			5925.000	59.563	54.061	-8.637	68.200	5.502	PK
6		*	5945.888	61.359	55.776	-6.841	68.200	5.583	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:34
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11a at Channel 5825MHz	

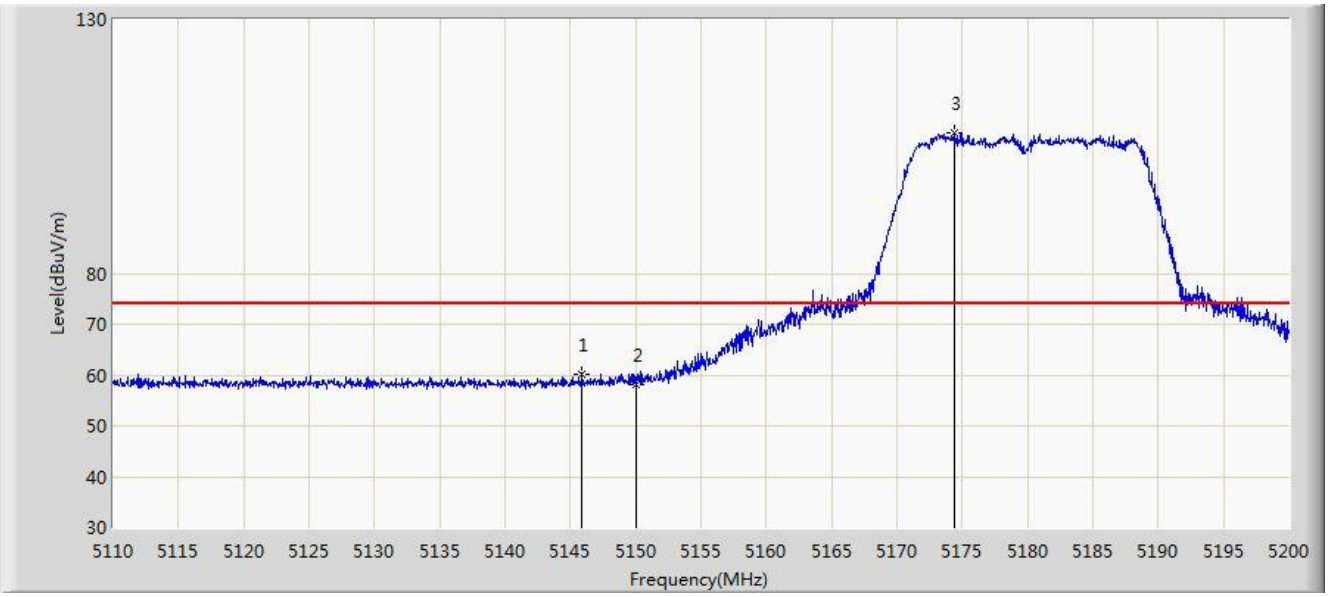


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.038	120.843	115.732	N/A	N/A	5.111	PK
2			5850.000	74.357	69.143	-47.843	122.200	5.214	PK
3			5855.000	71.723	66.490	-39.077	110.800	5.233	PK
4			5875.000	59.541	54.231	-45.659	105.200	5.310	PK
5			5925.000	61.284	55.782	-6.916	68.200	5.502	PK
6			5979.915	62.652	56.939	-5.548	68.200	5.713	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:46
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

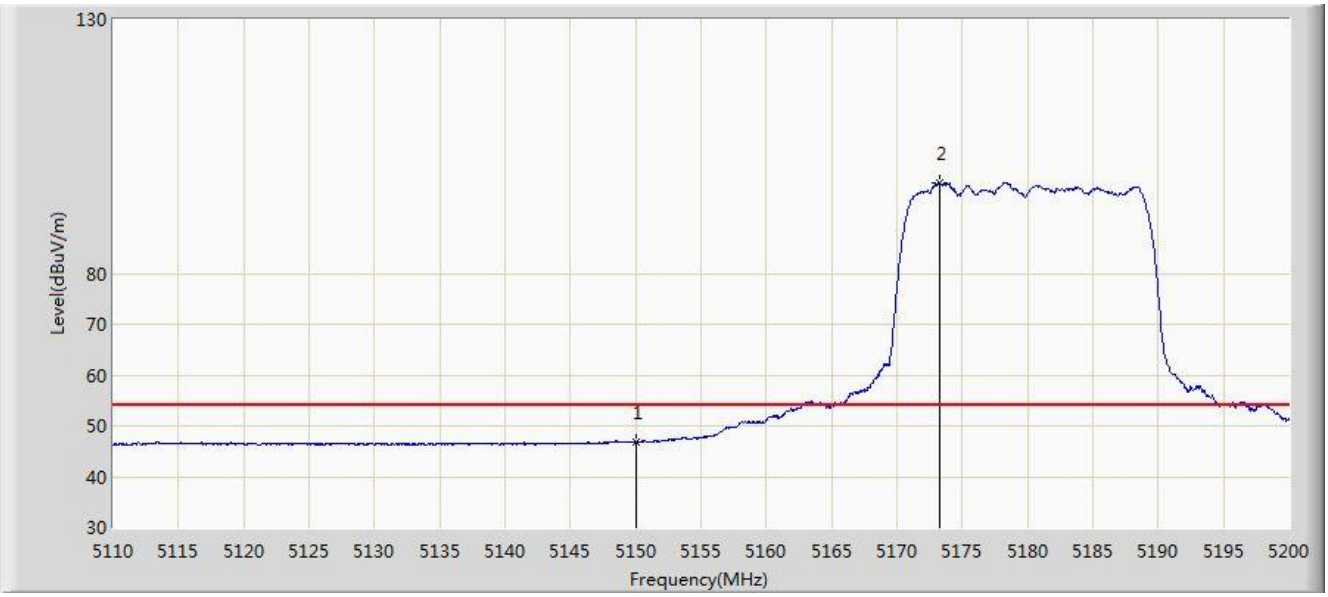


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.910	60.282	56.638	-13.718	74.000	3.644	PK
2			5150.000	58.228	54.582	-15.772	74.000	3.646	PK
3		*	5174.440	107.630	103.969	N/A	N/A	3.661	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:46
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

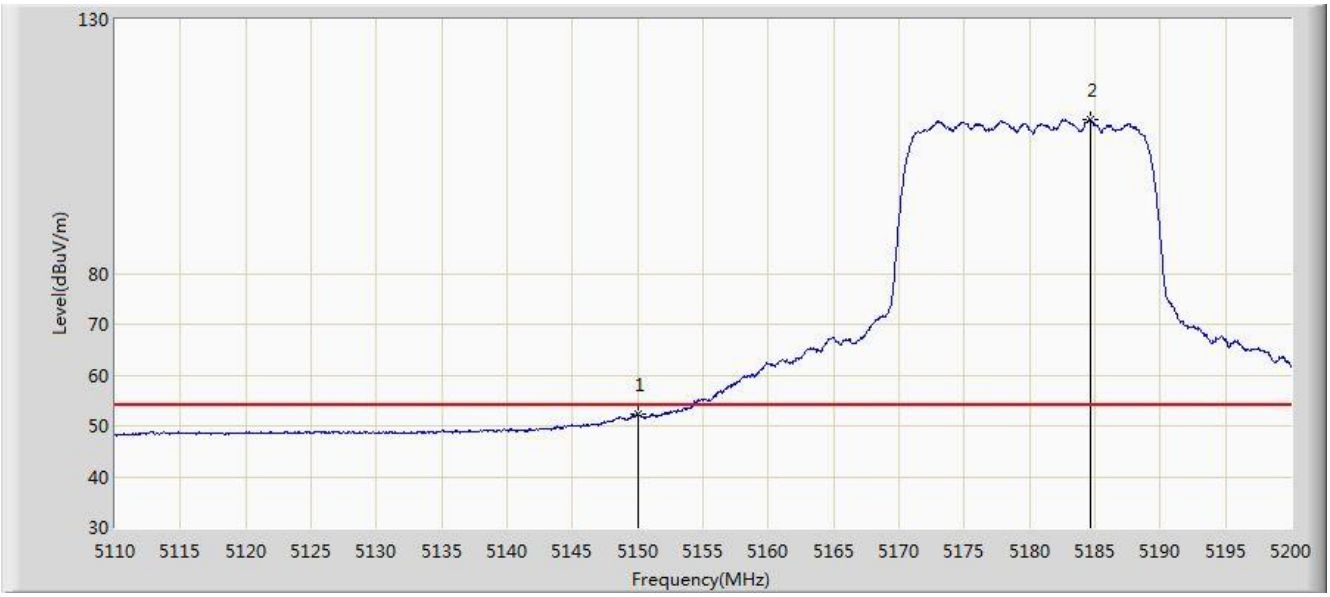


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.741	43.095	-7.259	54.000	3.646	AV
2		*	5173.225	97.857	94.197	N/A	N/A	3.660	AV

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

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

Site: AC1	Time: 2020/01/01 - 02:43
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

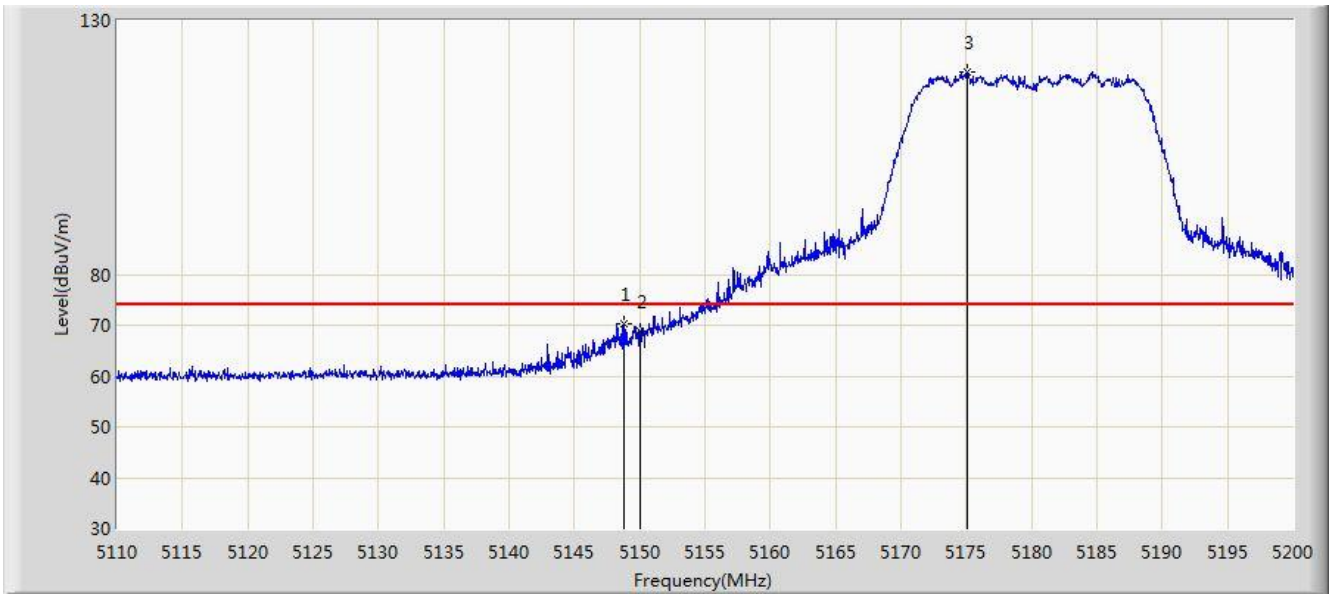


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.324	48.678	-1.676	54.000	3.646	AV
2	X	*	5184.610	110.305	106.637	N/A	N/A	3.669	AV

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

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

Site: AC1	Time: 2020/01/01 - 02:42
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

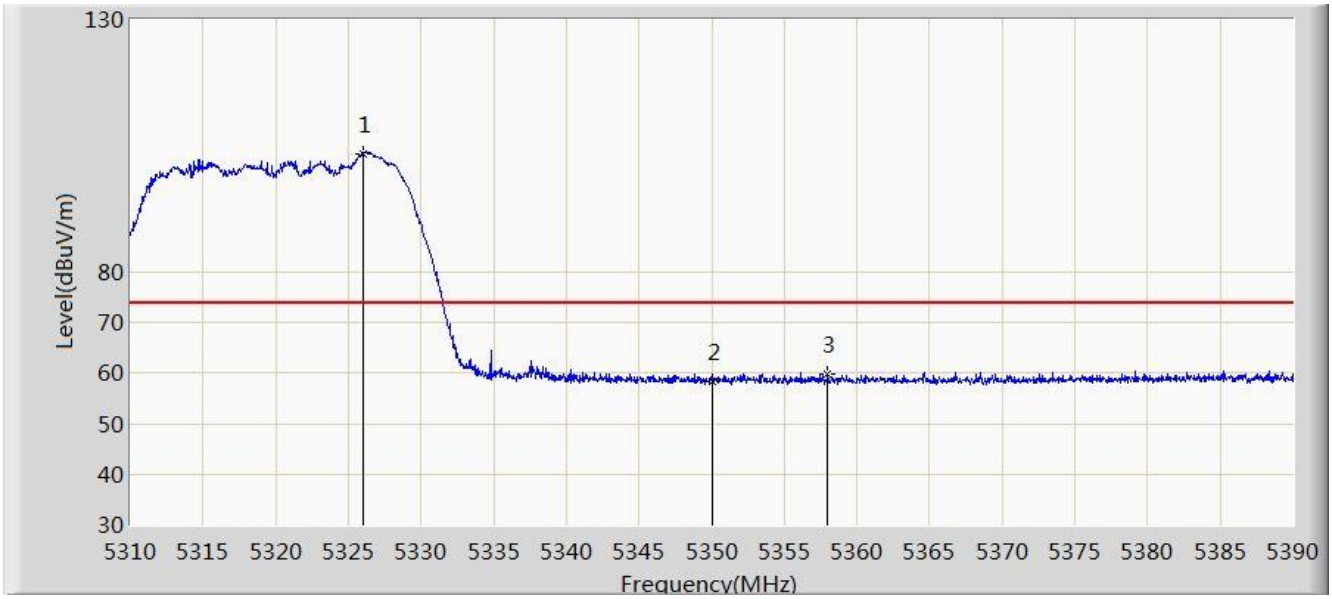


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.745	70.321	66.676	-3.679	74.000	3.645	PK
2			5150.000	68.869	65.223	-5.131	74.000	3.646	PK
3		*	5175.025	119.853	116.191	N/A	N/A	3.662	PK

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

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

Site: AC1	Time: 2020/02/14 - 16:38
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	

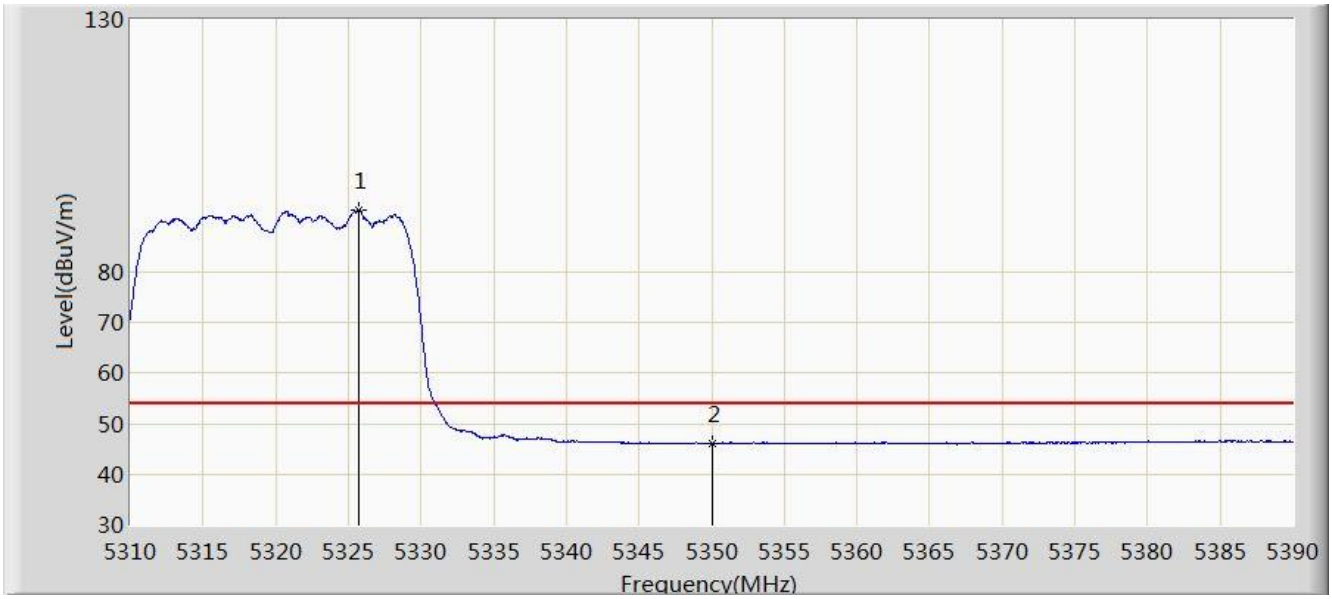


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.000	103.522	99.763	N/A	N/A	3.759	PK
2			5350.000	58.362	54.588	-15.638	74.000	3.774	PK
3			5357.960	59.694	55.915	-14.306	74.000	3.779	PK

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

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

Site: AC1	Time: 2020/02/14 - 16:45
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	

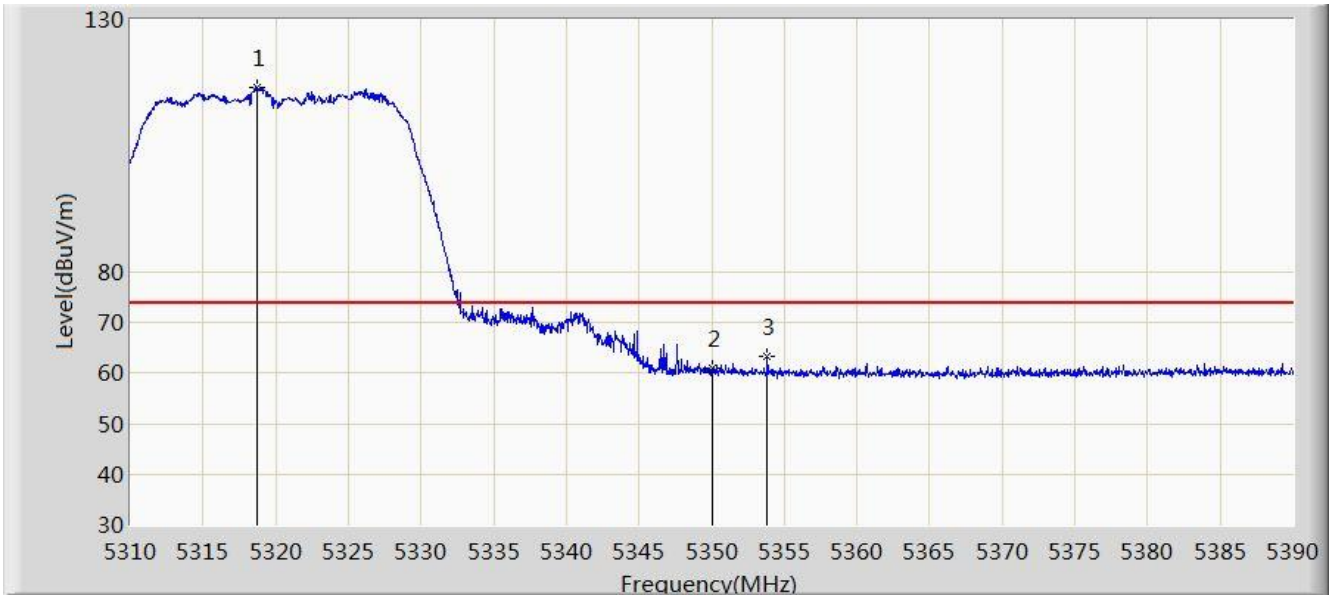


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.720	92.308	88.549	N/A	N/A	3.760	AV
2			5350.000	46.150	42.376	-7.850	54.000	3.774	AV

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

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

Site: AC1	Time: 2020/02/14 - 16:49
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	

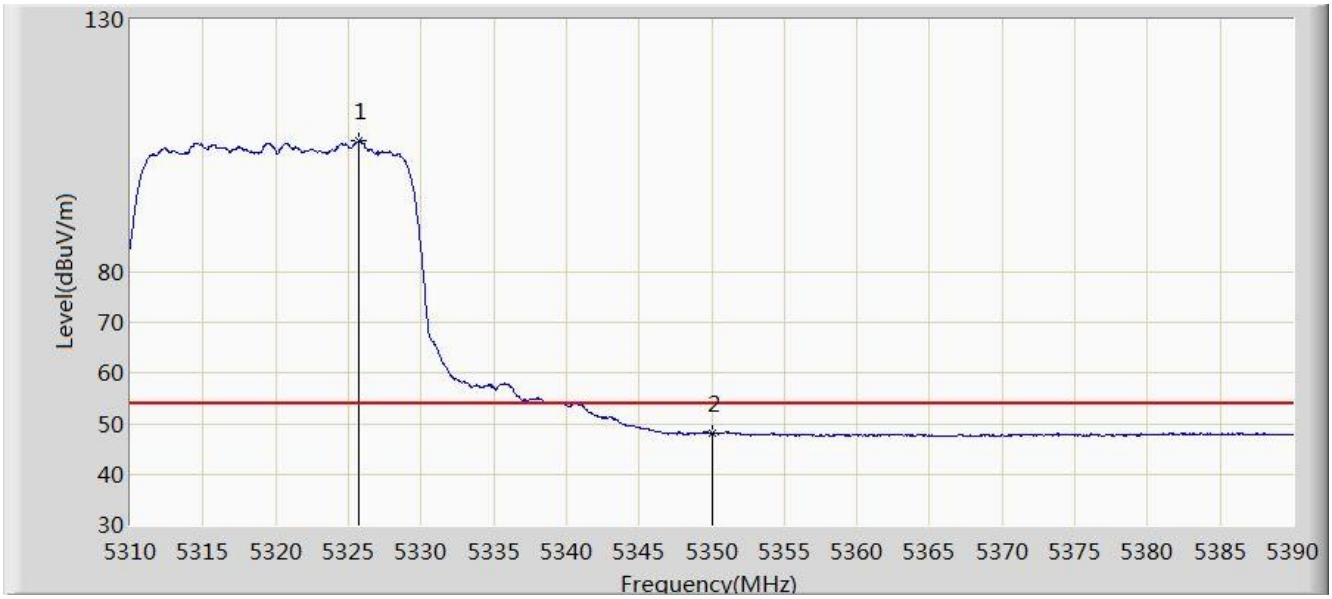


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.760	116.662	112.907	N/A	N/A	3.754	PK
2			5350.000	60.901	57.127	-13.099	74.000	3.774	PK
3			5353.840	63.448	59.672	-10.552	74.000	3.777	PK

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

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

Site: AC1	Time: 2020/02/14 - 16:52
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	

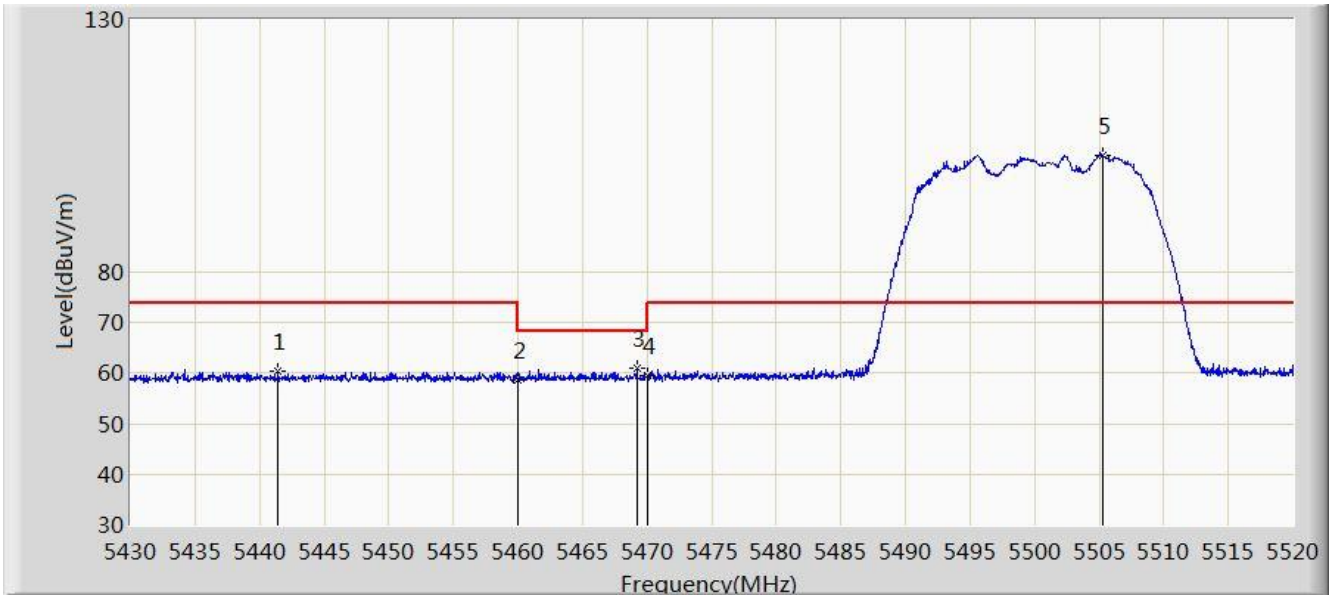


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5325.760	105.887	102.128	N/A	N/A	3.760	AV
2			5350.000	48.080	44.306	-5.920	54.000	3.774	AV

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

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

Site: AC1	Time: 2020/02/14 - 16:54
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	

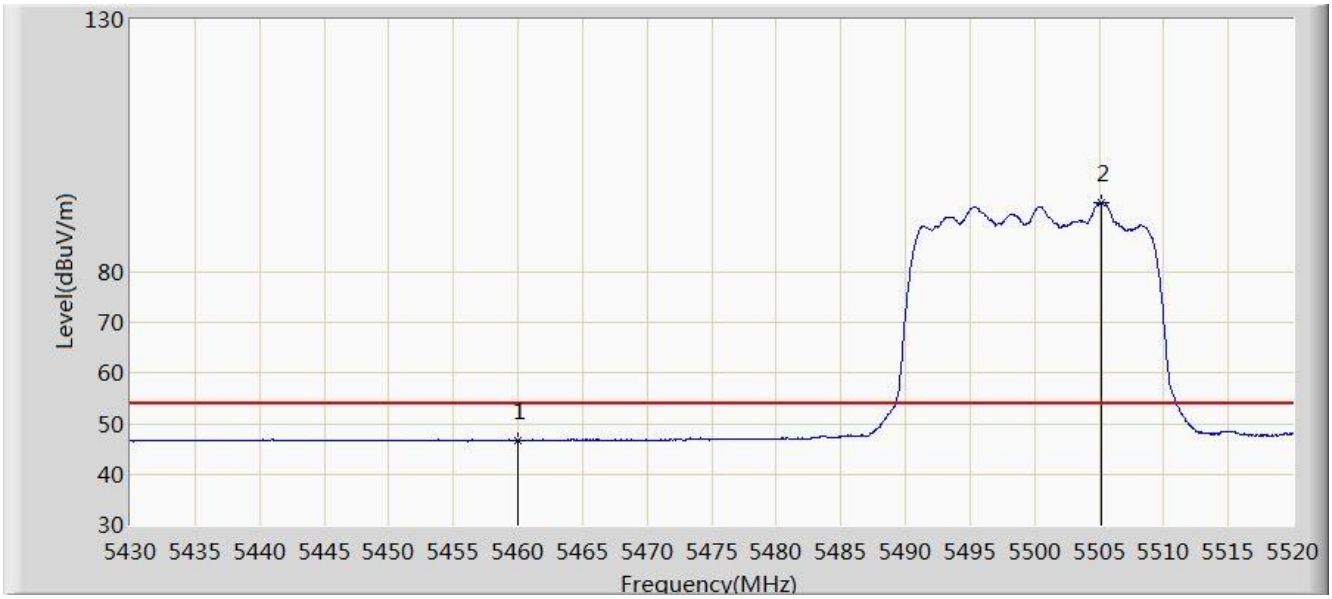


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5441.430	60.414	56.582	-13.586	74.000	3.833	PK
2			5460.000	58.720	54.876	-15.280	74.000	3.844	PK
3			5469.195	60.889	57.039	-7.311	68.200	3.850	PK
4			5470.000	59.518	55.667	-8.682	68.200	3.850	PK
5		*	5505.240	103.183	99.293	N/A	N/A	3.890	PK

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

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

Site: AC1	Time: 2020/02/14 - 16:56
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	

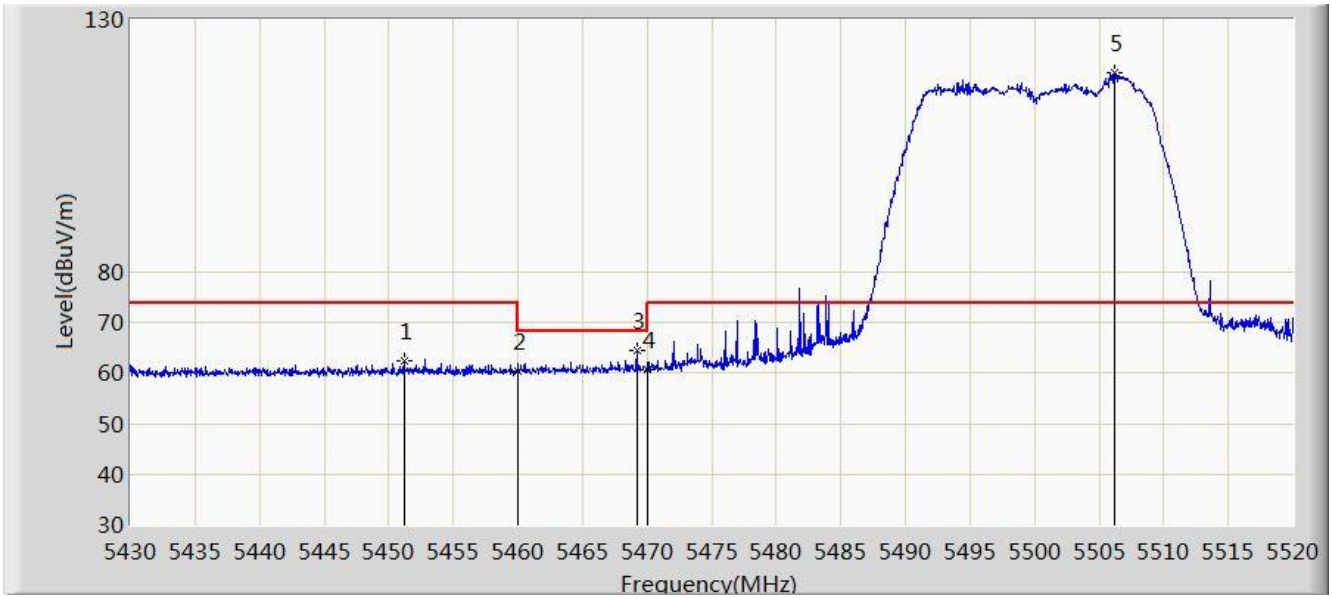


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.748	42.904	-7.252	54.000	3.844	AV
2		*	5505.195	93.876	89.986	N/A	N/A	3.890	AV

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

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

Site: AC1	Time: 2020/02/14 - 16:58
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	

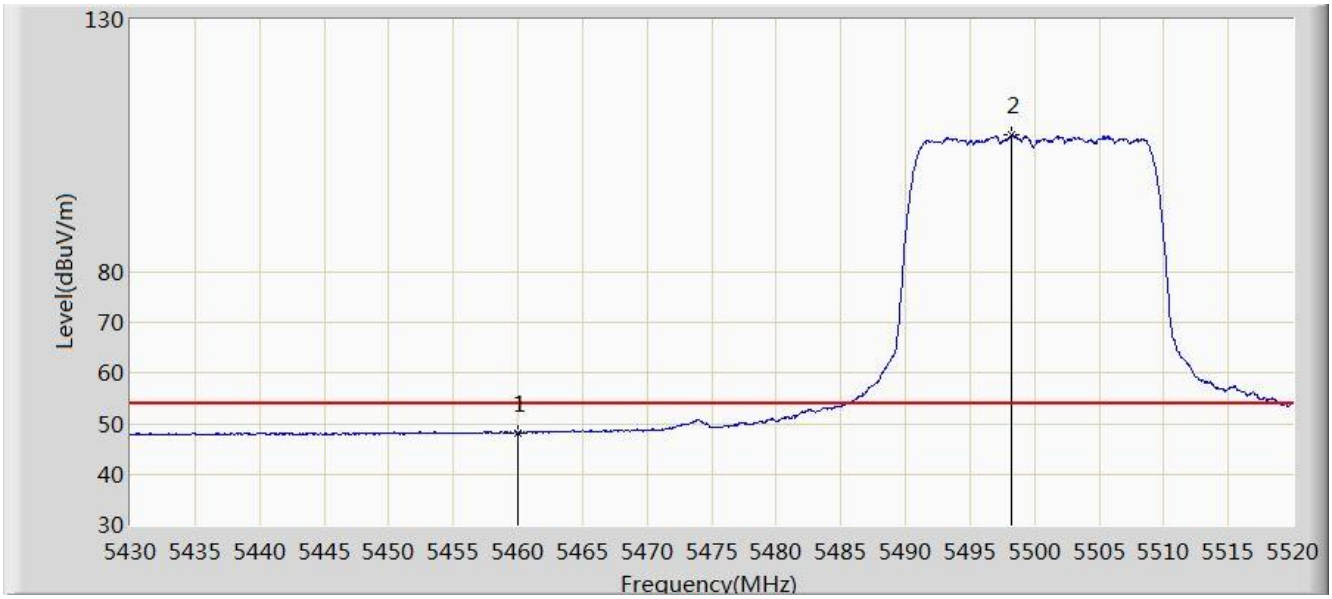


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5451.195	62.321	58.483	-11.679	74.000	3.838	PK
2			5460.000	60.485	56.641	-13.515	74.000	3.844	PK
3			5469.195	64.644	60.794	-3.556	68.200	3.850	PK
4			5470.000	60.780	56.929	-7.420	68.200	3.850	PK
5		*	5506.185	119.509	115.615	N/A	N/A	3.893	PK

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

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

Site: AC1	Time: 2020/02/14 - 17:01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	

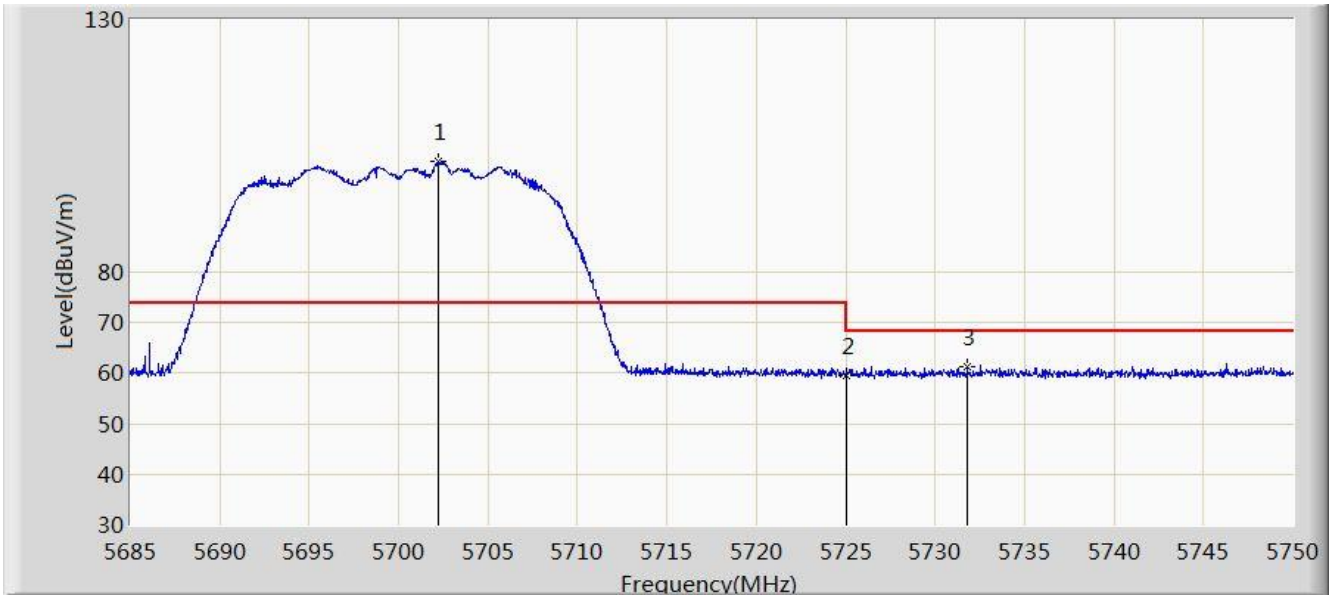


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.198	44.354	-5.802	54.000	3.844	AV
2		*	5498.265	107.203	103.324	N/A	N/A	3.879	AV

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

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

Site: AC1	Time: 2020/02/14 - 17:02
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz	

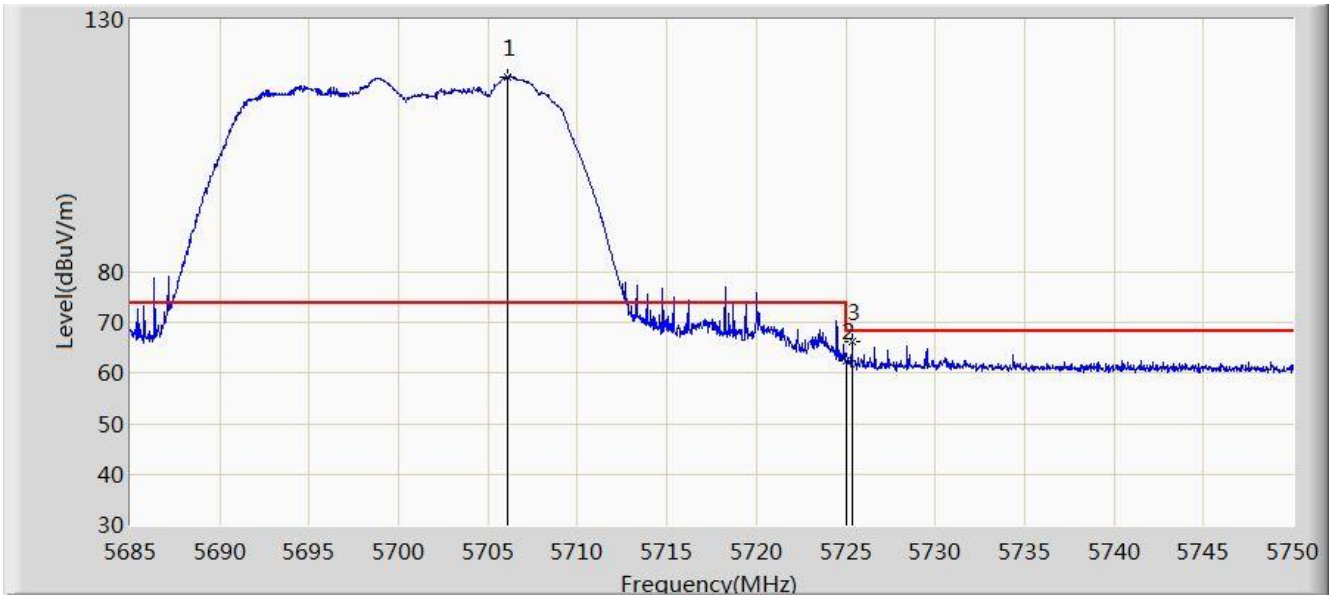


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5702.257	101.992	97.345	N/A	N/A	4.647	PK
2			5725.000	59.522	54.788	-8.678	68.200	4.734	PK
3			5731.800	61.349	56.589	-6.851	68.200	4.759	PK

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

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

Site: AC1	Time: 2020/02/14 - 17:05
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz	

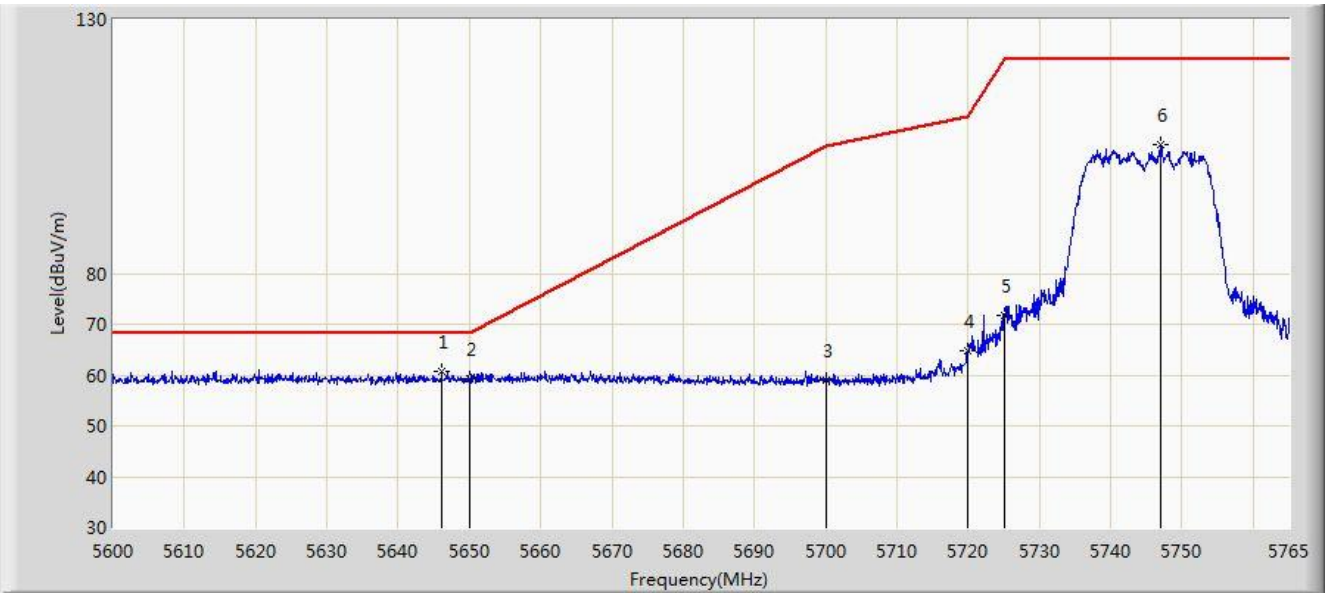


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5706.092	118.672	114.011	N/A	N/A	4.661	PK
2			5725.000	62.527	57.793	-5.673	68.200	4.734	PK
3			5725.333	66.199	61.464	-2.001	68.200	4.735	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:53
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz	

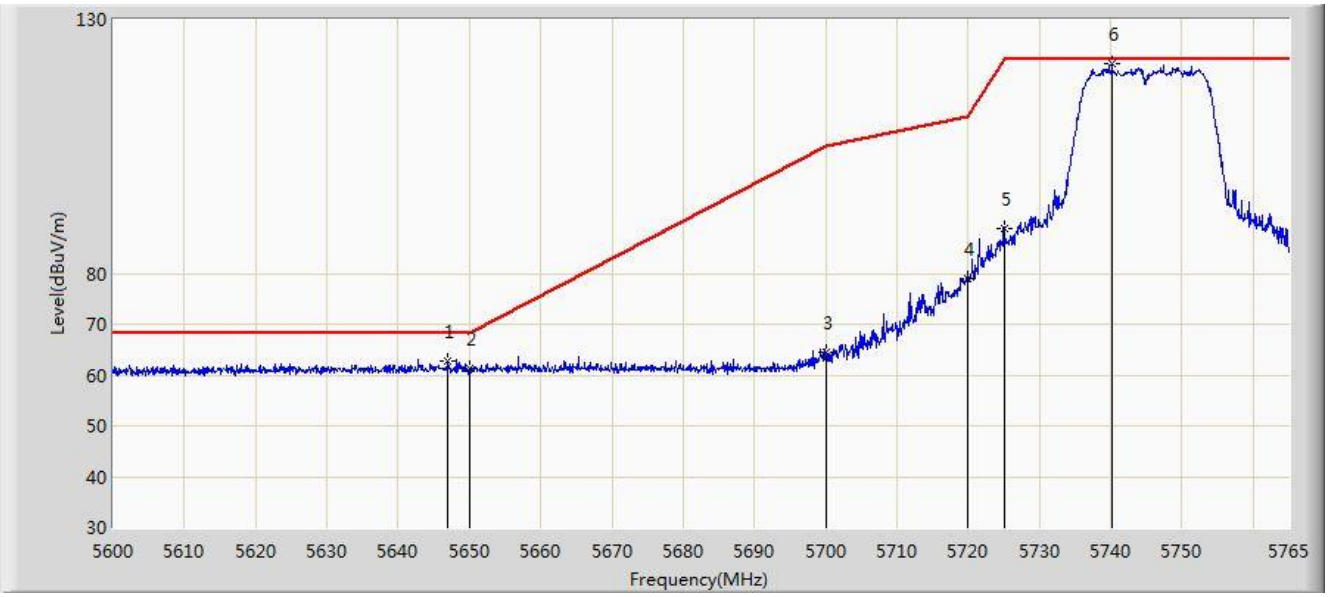


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5646.118	60.584	56.153	-7.616	68.200	4.431	PK
2			5650.000	59.154	54.708	-9.046	68.200	4.446	PK
3			5700.000	58.966	54.328	-46.234	105.200	4.638	PK
4			5720.000	64.744	60.029	-46.056	110.800	4.715	PK
5			5725.000	71.860	67.126	-50.340	122.200	4.734	PK
6			5747.098	105.405	100.586	N/A	N/A	4.818	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:51
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz	

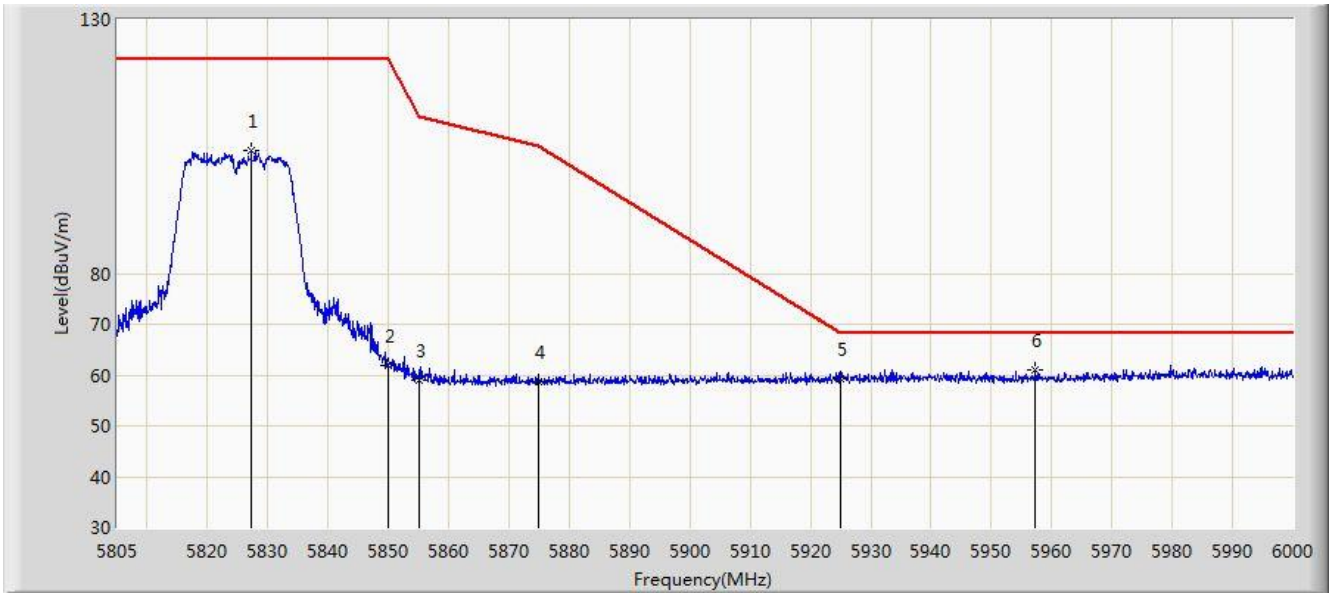


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5646.942	62.849	58.414	-5.351	68.200	4.434	PK
2			5650.000	61.328	56.882	-6.872	68.200	4.446	PK
3			5700.000	64.566	59.928	-40.634	105.200	4.638	PK
4			5720.000	79.105	74.390	-31.695	110.800	4.715	PK
5			5725.000	88.776	84.042	-33.424	122.200	4.734	PK
6		*	5740.167	121.317	116.525	N/A	N/A	4.792	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: AC1	Time: 2020/01/01 - 02:58
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz	

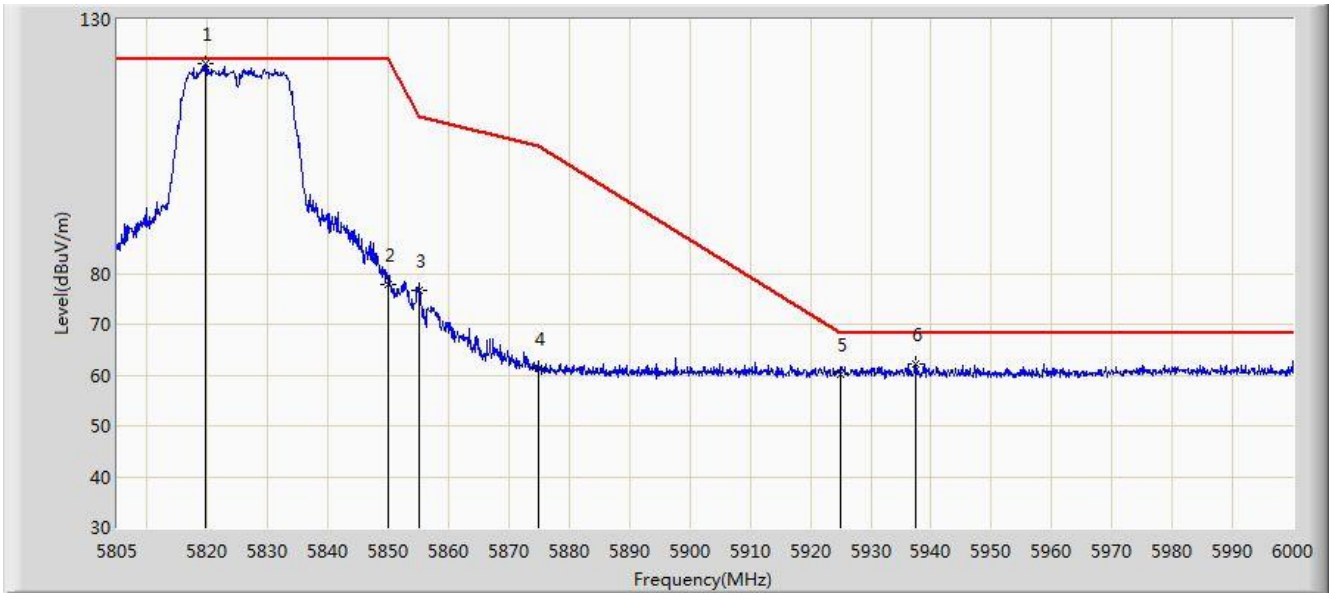


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5827.230	104.313	99.186	N/A	N/A	5.127	PK
2			5850.000	61.969	56.755	-60.231	122.200	5.214	PK
3			5855.000	59.007	53.774	-51.793	110.800	5.233	PK
4			5875.000	58.655	53.345	-46.545	105.200	5.310	PK
5			5925.000	59.360	53.858	-8.840	68.200	5.502	PK
6		*	5957.295	61.024	55.015	-7.176	68.200	6.009	PK

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

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

Site: AC1	Time: 2020/01/01 - 02:57
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz	

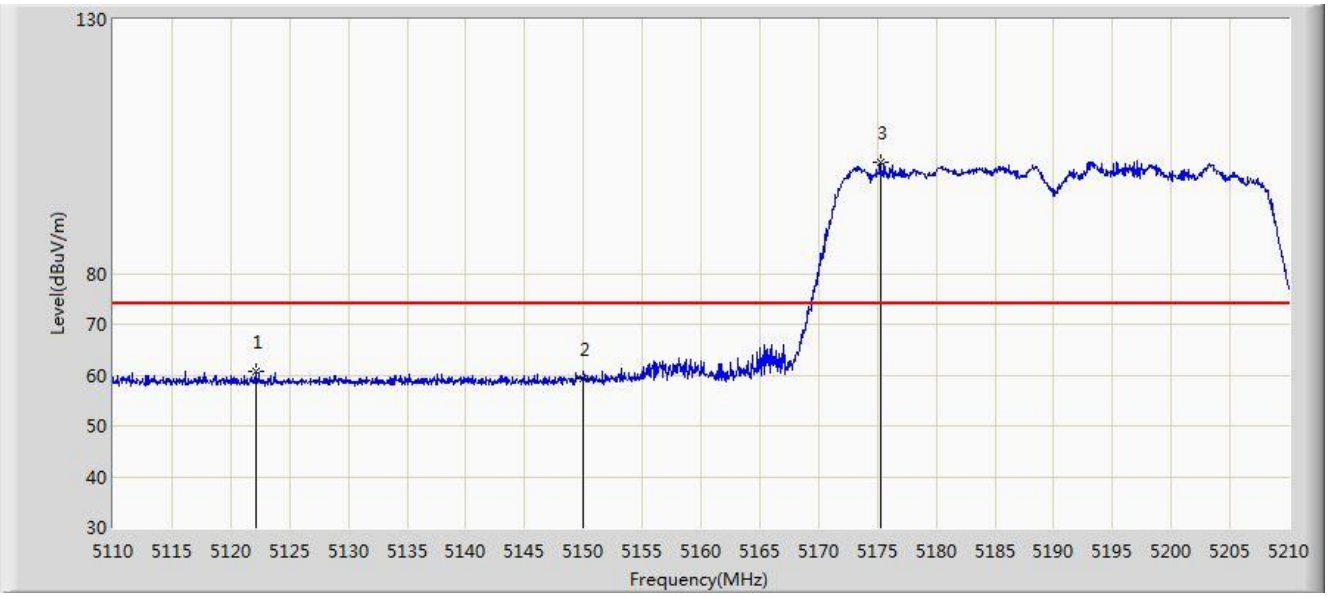


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.625	121.174	116.076	N/A	N/A	5.098	PK
2			5850.000	77.739	72.525	-44.461	122.200	5.214	PK
3			5855.000	76.766	71.533	-34.034	110.800	5.233	PK
4			5875.000	61.412	56.102	-43.788	105.200	5.310	PK
5			5925.000	60.055	54.553	-8.145	68.200	5.502	PK
6			5937.405	62.177	56.627	-6.023	68.200	5.551	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:13
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	

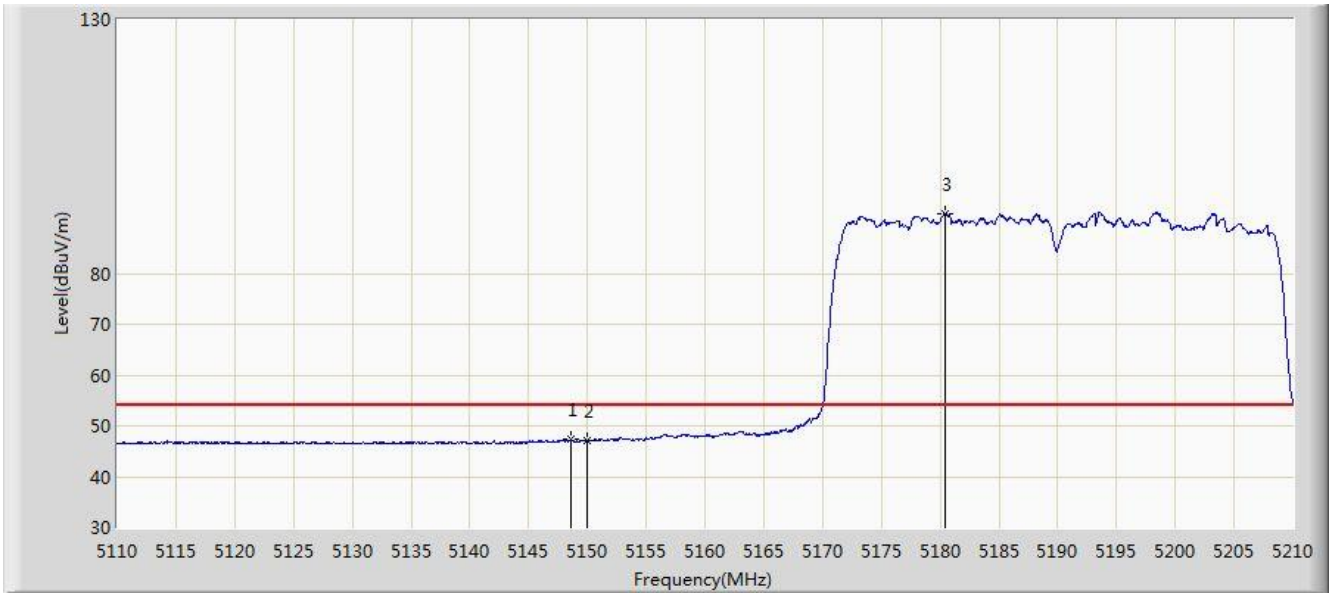


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5122.100	60.684	57.056	-13.316	74.000	3.627	PK
2			5150.000	59.131	55.485	-14.869	74.000	3.646	PK
3		*	5175.300	101.899	98.237	N/A	N/A	3.662	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:13
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	

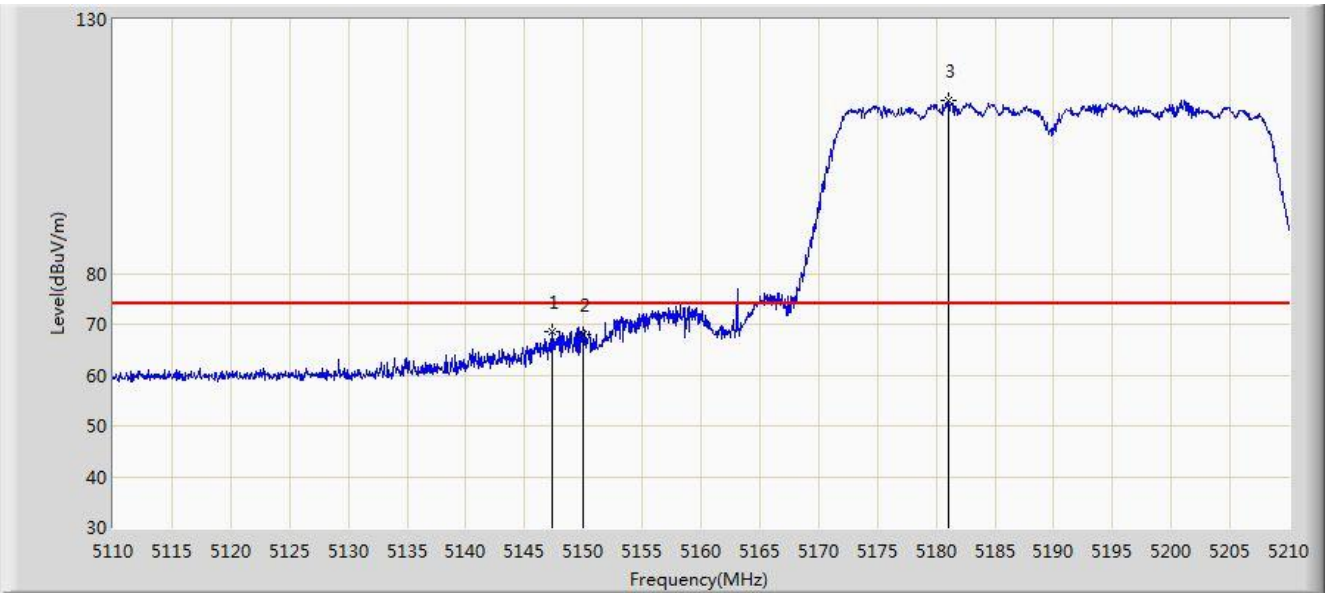


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.650	47.268	43.623	-6.732	54.000	3.645	AV
2			5150.000	47.051	43.405	-6.949	54.000	3.646	AV
3		*	5180.450	91.672	88.007	N/A	N/A	3.665	AV

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

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

Site: AC1	Time: 2020/01/01 - 03:08
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	

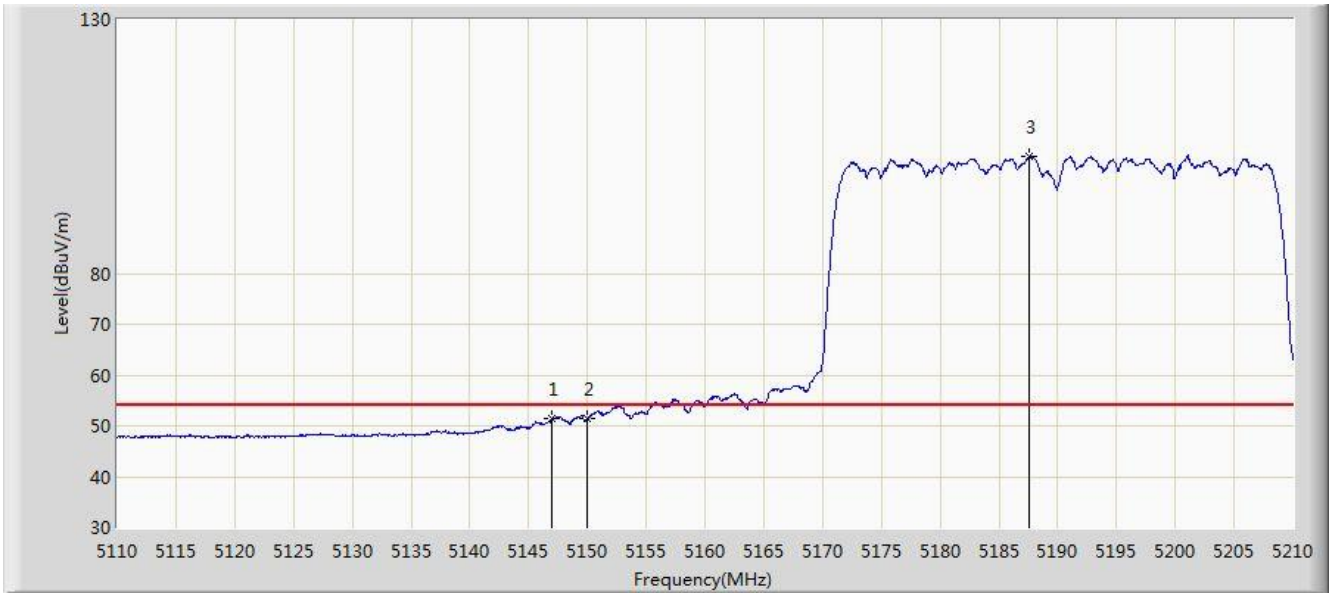


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.300	68.633	64.988	-5.367	74.000	3.645	PK
2			5150.000	68.004	64.358	-5.996	74.000	3.646	PK
3		*	5181.000	113.957	110.291	N/A	N/A	3.665	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:10
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	

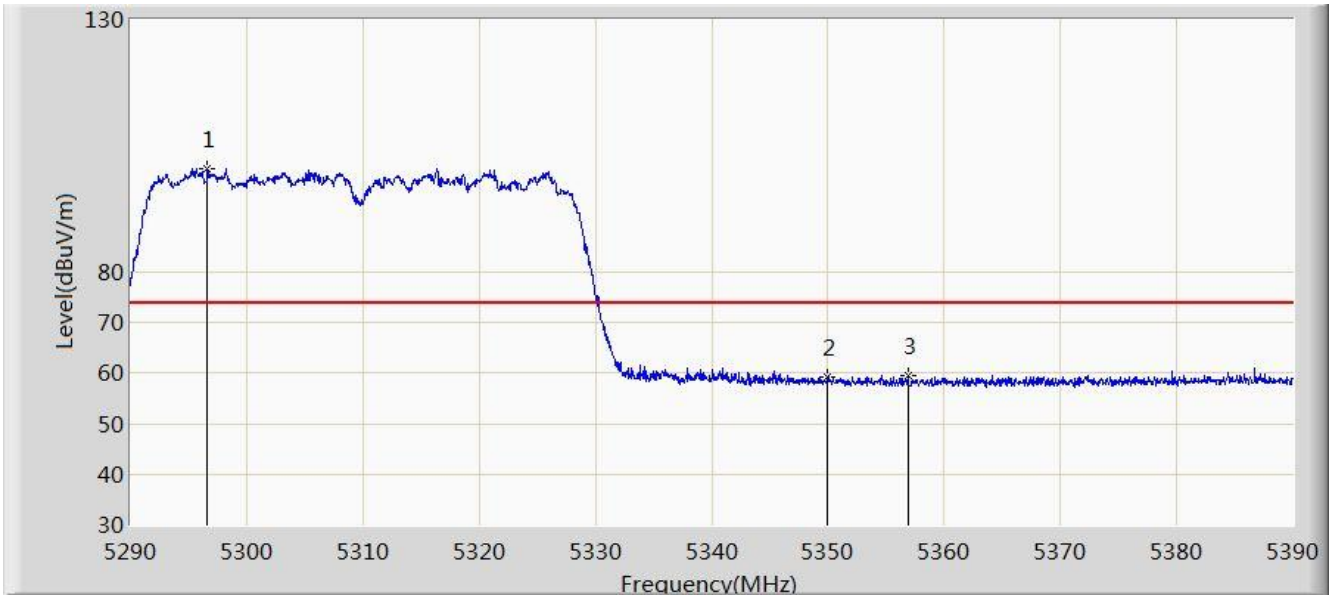


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.000	51.322	47.678	-2.678	54.000	3.644	AV
2			5150.000	51.471	47.825	-2.529	54.000	3.646	AV
3		*	5187.550	102.905	99.235	N/A	N/A	3.670	AV

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

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

Site: AC1	Time: 2020/02/14 - 17:17
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	

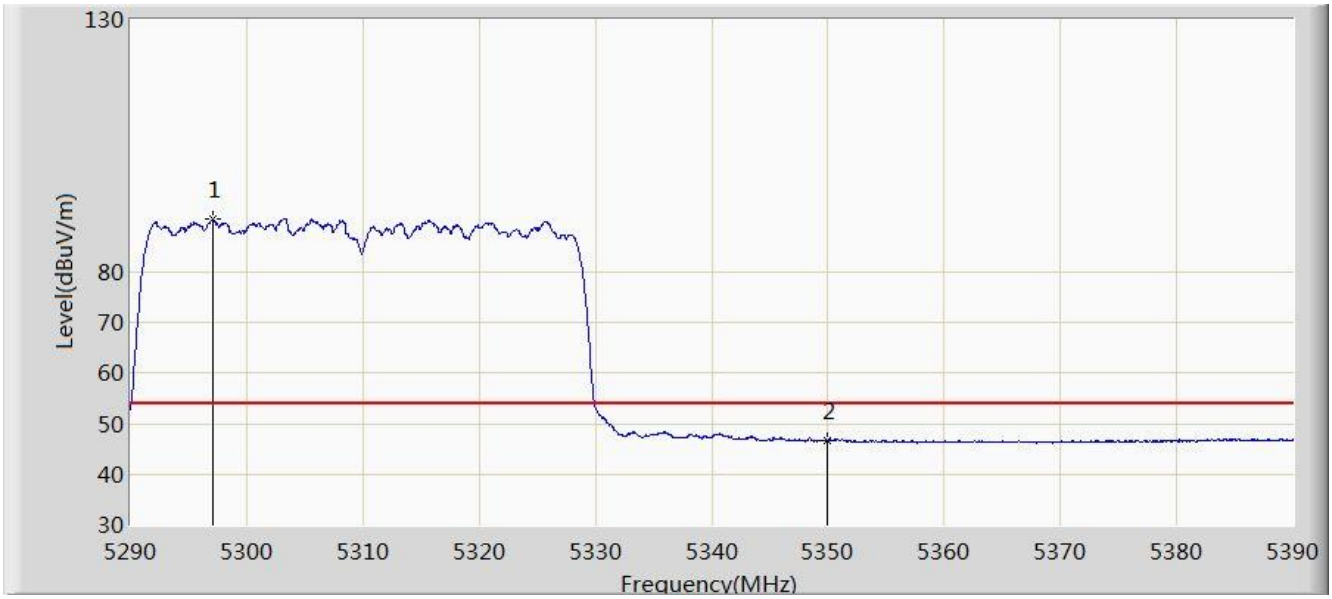


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5296.650	100.456	96.716	N/A	N/A	3.740	PK
2			5350.000	59.293	55.519	-14.707	74.000	3.774	PK
3			5356.900	59.622	55.844	-14.378	74.000	3.778	PK

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

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

Site: AC1	Time: 2020/02/14 - 17:18
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	

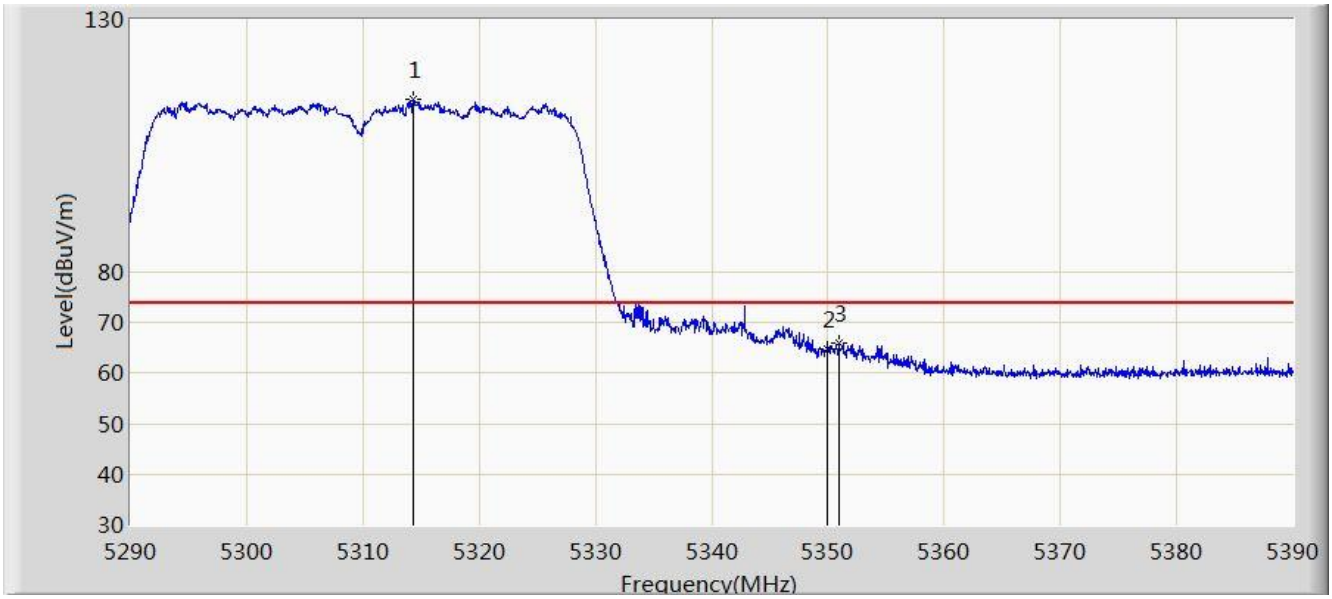


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5297.050	90.441	86.701	N/A	N/A	3.739	AV
2			5350.000	46.661	42.887	-7.339	54.000	3.774	AV

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

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

Site: AC1	Time: 2020/02/14 - 17:16
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	

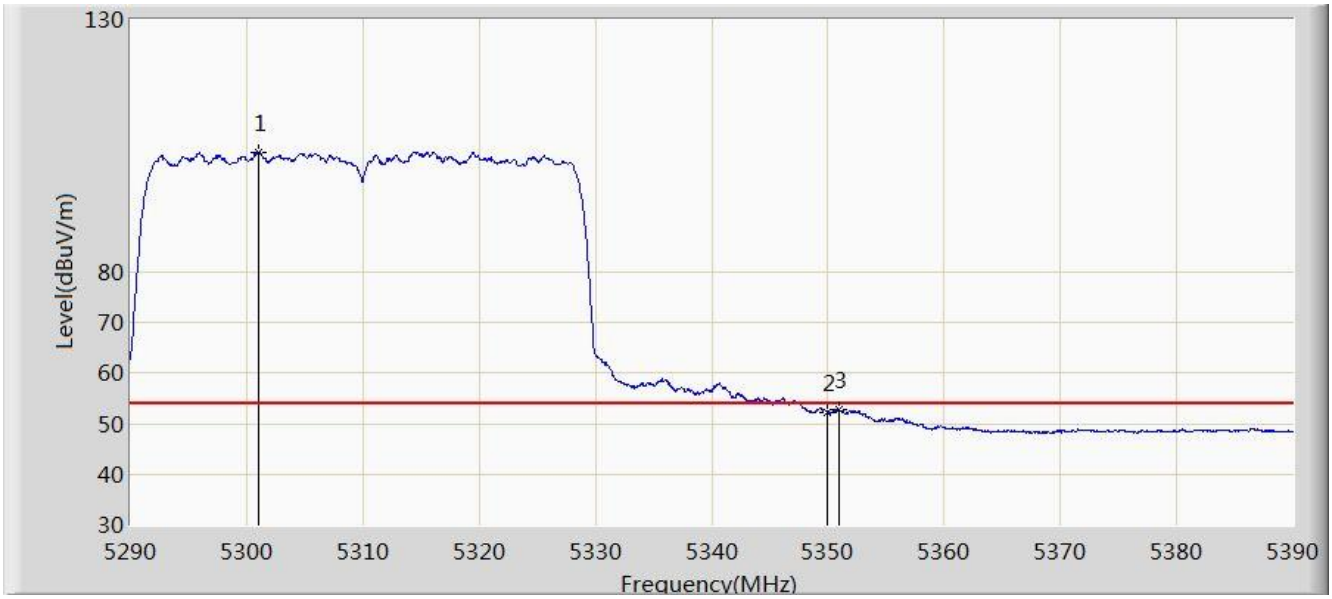


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.350	114.115	110.363	N/A	N/A	3.752	PK
2			5350.000	64.724	60.950	-9.276	74.000	3.774	PK
3			5350.900	65.880	62.106	-8.120	74.000	3.774	PK

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

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

Site: AC1	Time: 2020/02/14 - 17:15
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	

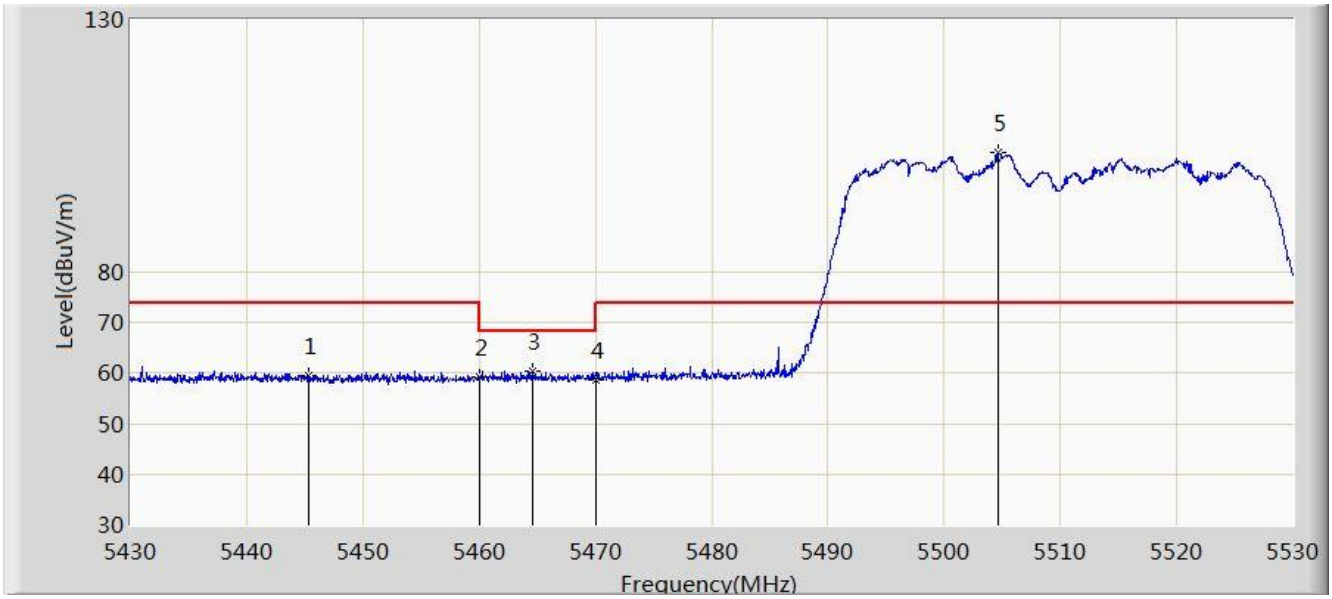


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5301.000	103.781	100.039	N/A	N/A	3.742	AV
2			5350.000	52.102	48.328	-1.898	54.000	3.774	AV
3			5350.900	52.881	49.107	-1.119	54.000	3.774	AV

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

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

Site: AC1	Time: 2020/02/14 - 17:27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	

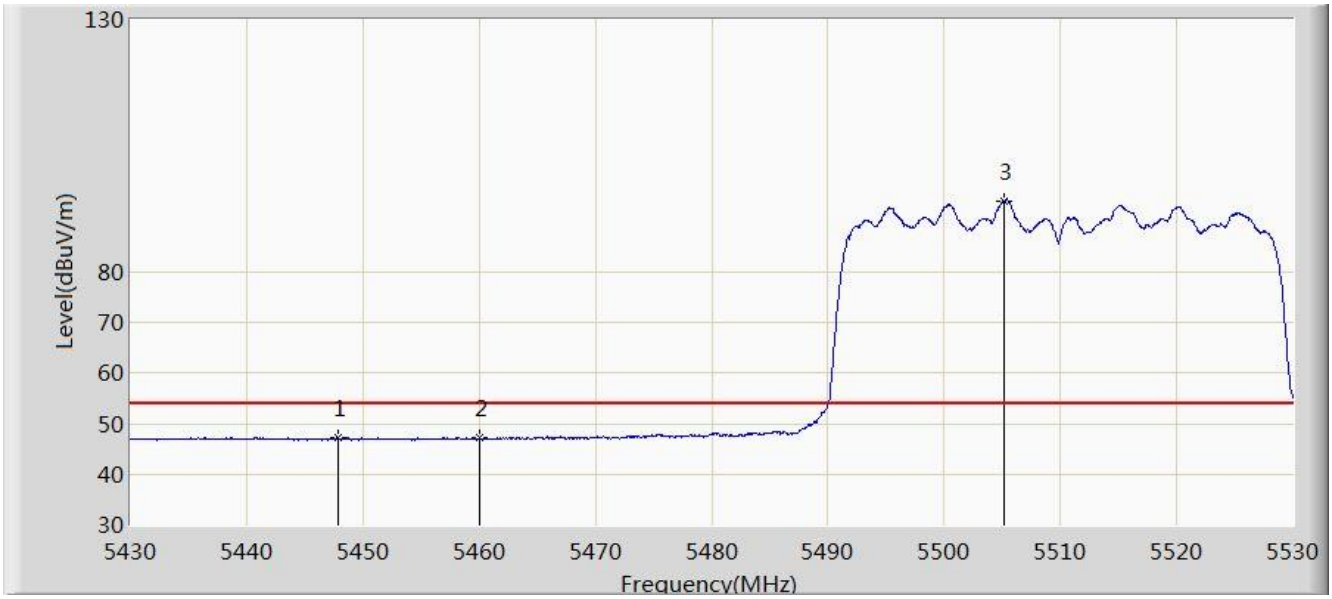


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5445.350	59.664	55.830	-14.336	74.000	3.835	PK
2			5460.000	59.122	55.278	-14.878	74.000	3.844	PK
3			5464.550	60.392	56.545	-7.808	68.200	3.847	PK
4			5470.000	58.709	54.858	-9.491	68.200	3.850	PK
5		*	5504.600	103.557	99.668	N/A	N/A	3.889	PK

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

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

Site: AC1	Time: 2020/02/14 - 17:29
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	

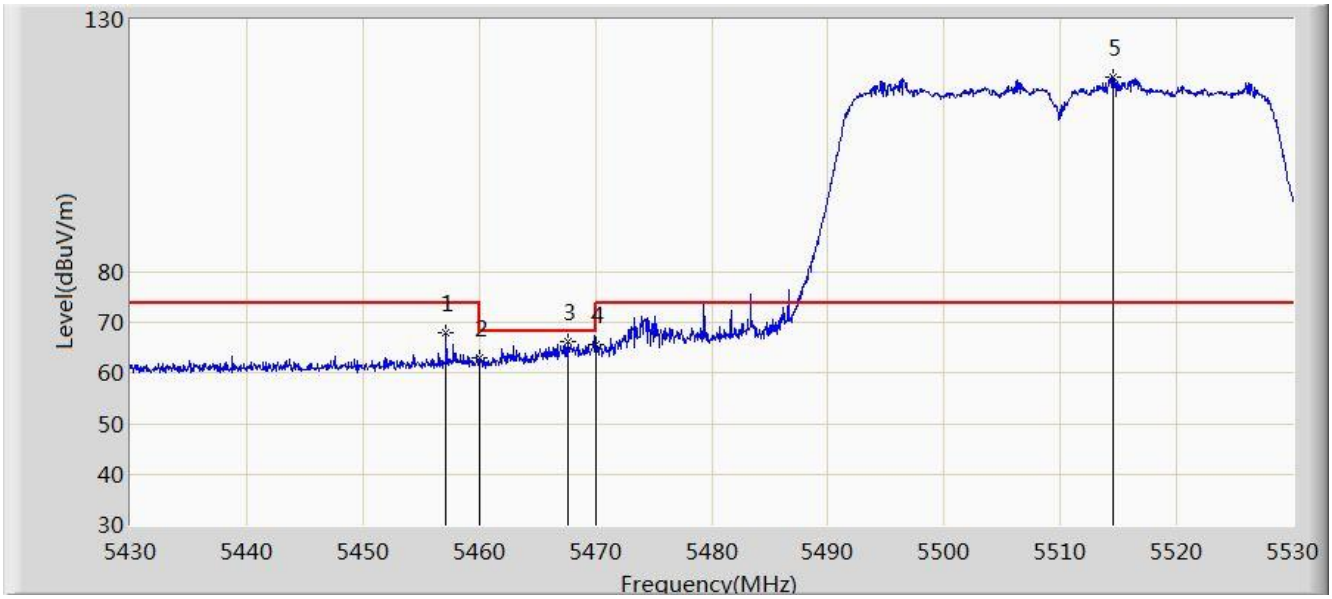


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5447.850	47.287	43.451	-6.713	54.000	3.836	AV
2			5460.000	47.147	43.303	-6.853	54.000	3.844	AV
3		*	5505.100	94.144	90.254	N/A	N/A	3.890	AV

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

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

Site: AC1	Time: 2020/02/14 - 17:23
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	

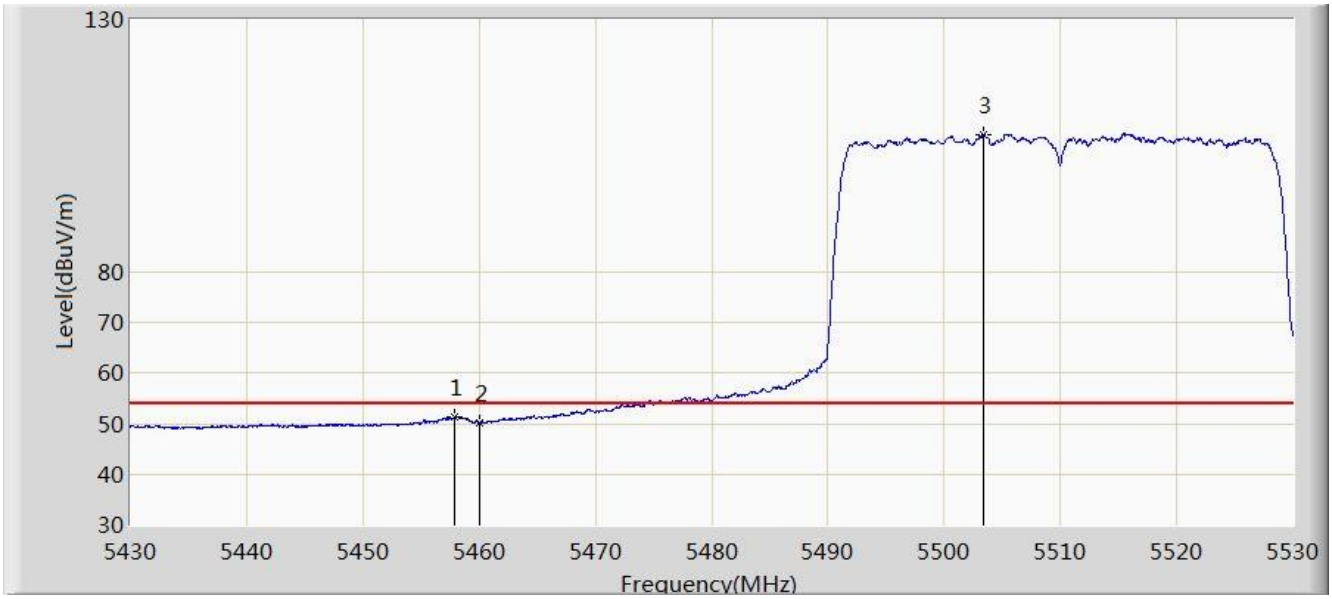


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.150	67.970	64.128	-6.030	74.000	3.842	PK
2			5460.000	62.901	59.057	-11.099	74.000	3.844	PK
3			5467.700	66.281	62.432	-1.919	68.200	3.849	PK
4			5470.000	65.620	61.769	-2.580	68.200	3.850	PK
5		*	5514.500	118.677	114.751	N/A	N/A	3.925	PK

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

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

Site: AC1	Time: 2020/02/14 - 17:26
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	

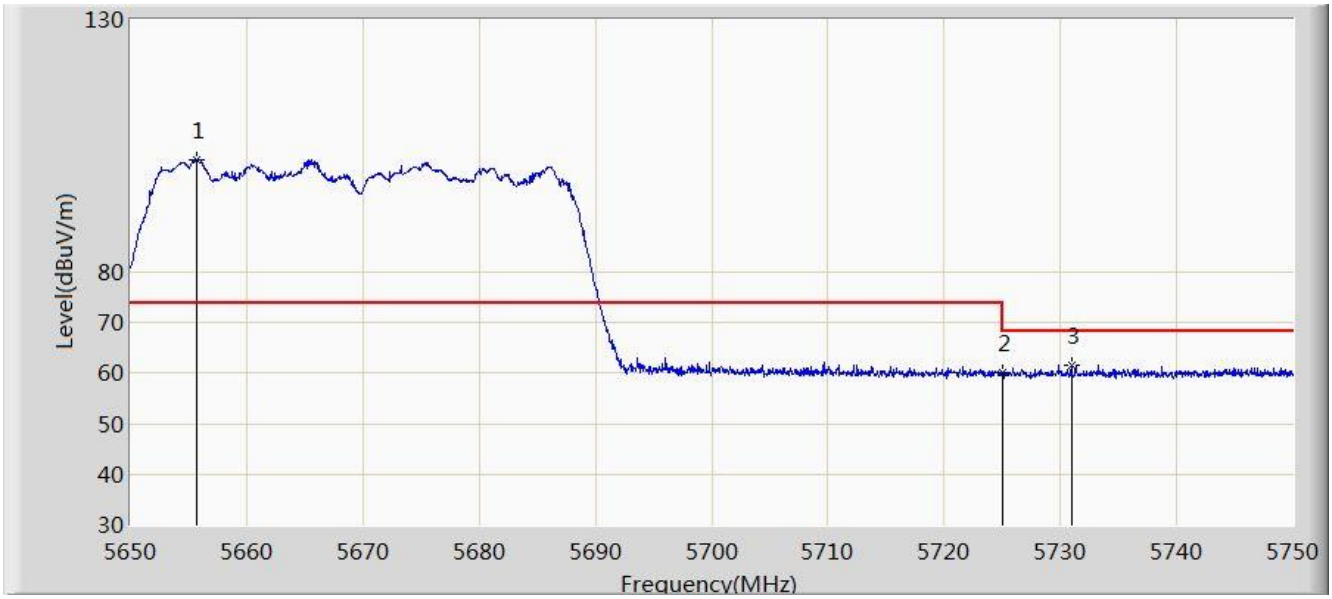


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.850	51.296	47.453	-2.704	54.000	3.842	AV
2			5460.000	50.283	46.439	-3.717	54.000	3.844	AV
3		*	5503.400	107.246	103.359	N/A	N/A	3.887	AV

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

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

Site: AC1	Time: 2020/02/14 - 17:32
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz	

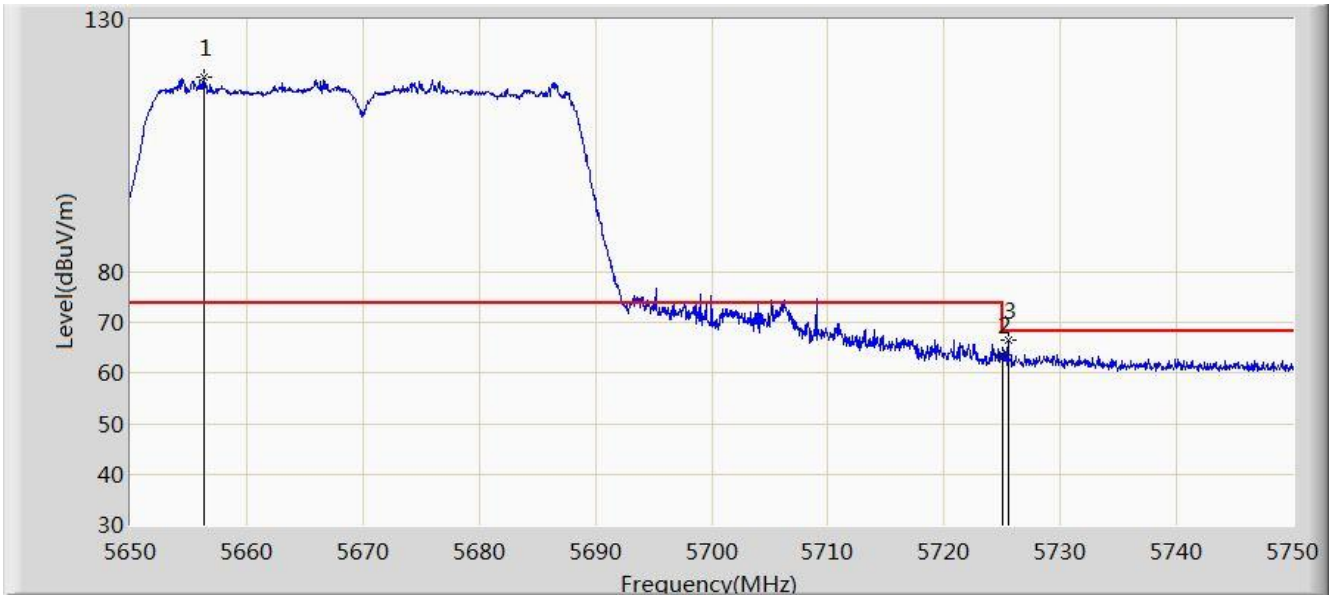


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5655.700	102.320	97.852	N/A	N/A	4.468	PK
2			5725.000	59.997	55.263	-8.203	68.200	4.734	PK
3			5730.950	61.543	56.786	-6.657	68.200	4.757	PK

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

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

Site: AC1	Time: 2020/02/14 - 17:30
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz	

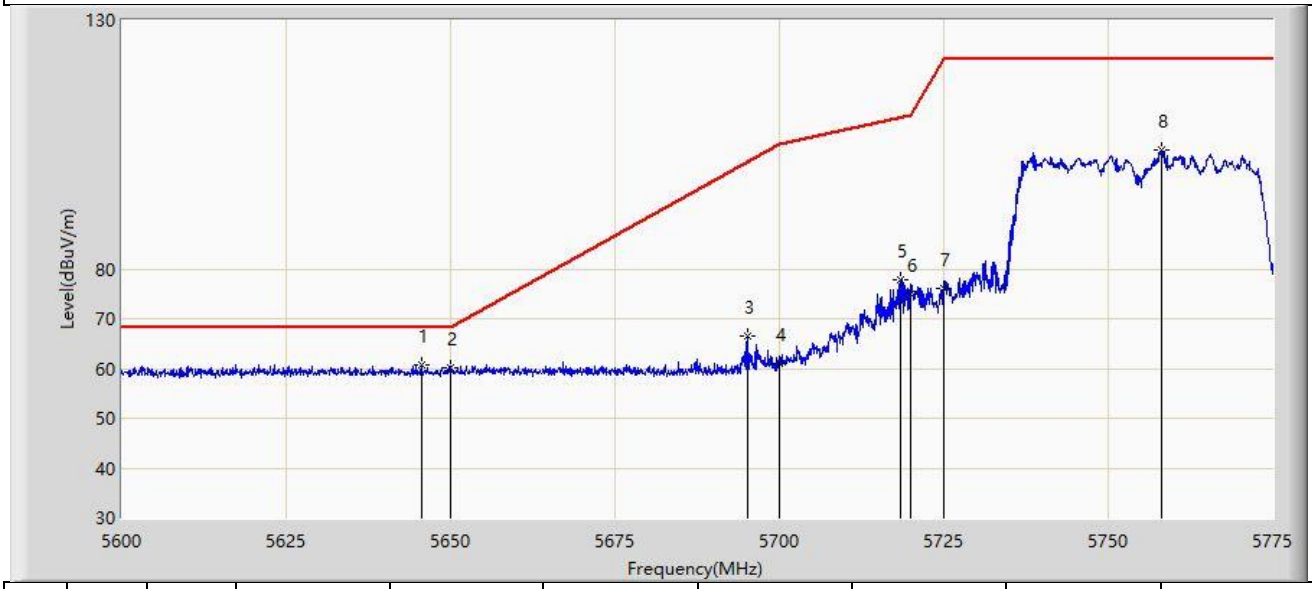


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5656.350	118.726	114.255	N/A	N/A	4.471	PK
2			5725.000	63.512	58.778	-4.688	68.200	4.734	PK
3			5725.500	66.471	61.735	-1.729	68.200	4.735	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:23
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz	

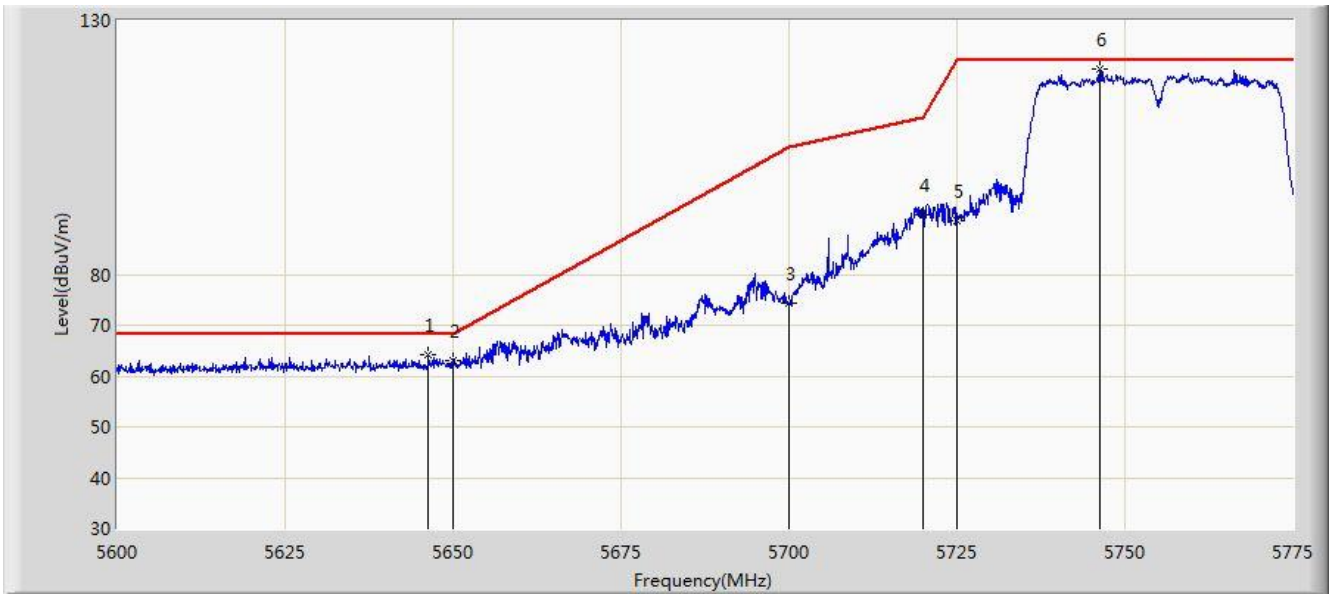


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5645.587	60.701	56.272	-7.499	68.200	4.430	PK
2			5650.000	60.150	55.704	-8.050	68.200	4.446	PK
3			5695.112	66.451	61.832	-35.146	101.597	4.619	PK
4			5700.000	61.070	56.432	-44.130	105.200	4.638	PK
5			5718.475	77.824	73.115	-32.550	110.374	4.708	PK
6			5720.000	74.941	70.226	-35.859	110.800	4.715	PK
7			5725.000	76.211	71.477	-45.989	122.200	4.734	PK
8			5758.025	103.821	98.961	N/A	N/A	4.860	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:18
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz	

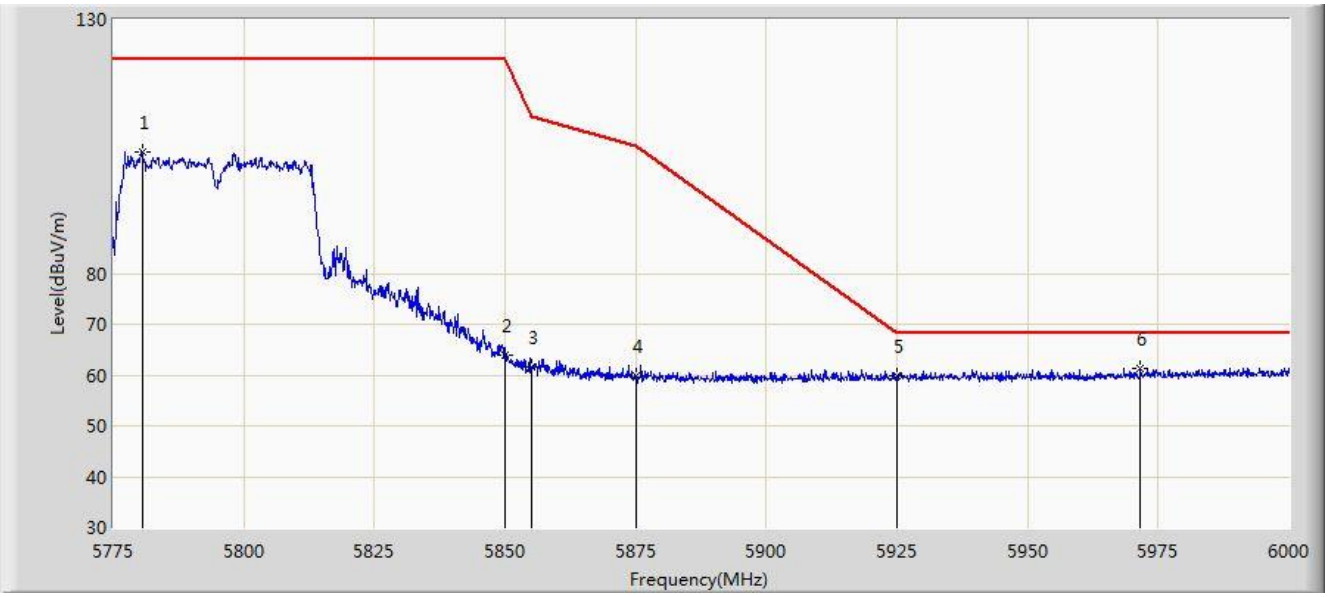


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5646.375	64.136	59.704	-4.064	68.200	4.432	PK
2			5650.000	62.917	58.471	-5.283	68.200	4.446	PK
3			5700.000	74.399	69.761	-30.801	105.200	4.638	PK
4			5720.000	91.616	86.901	-19.184	110.800	4.715	PK
5			5725.000	90.670	85.936	-31.530	122.200	4.734	PK
6		*	5746.212	120.533	115.718	N/A	N/A	4.816	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:26
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz	

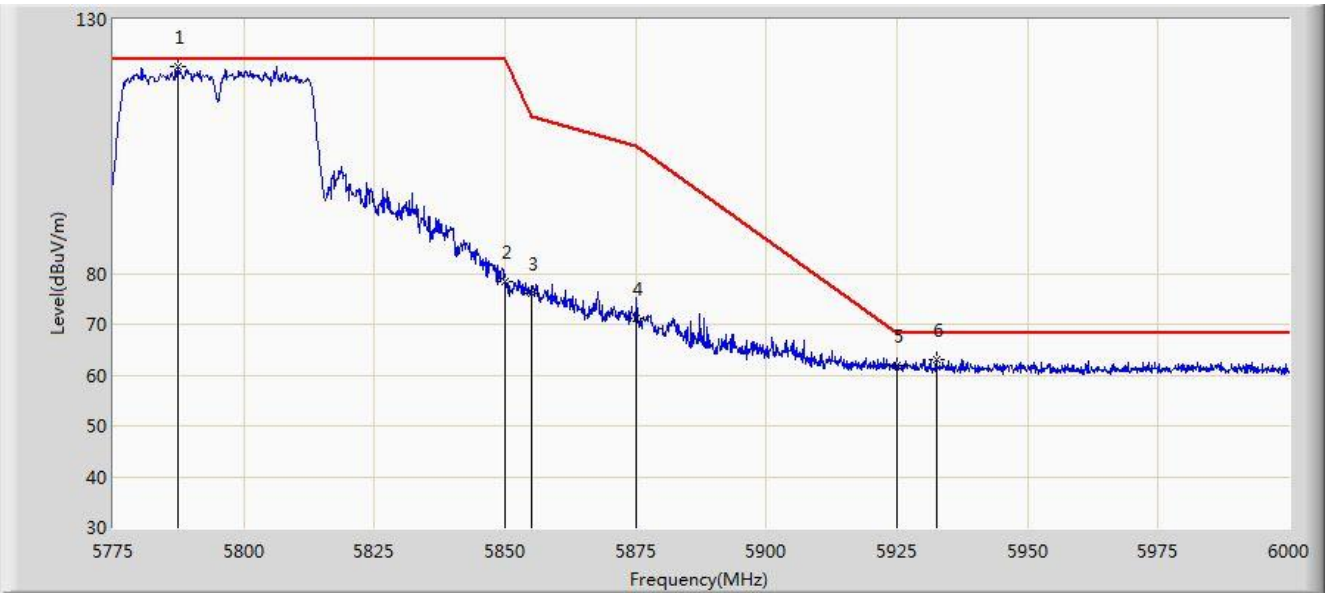


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5780.513	103.965	99.017	N/A	N/A	4.947	PK
2			5850.000	64.003	58.789	-58.197	122.200	5.214	PK
3			5855.000	61.582	56.349	-49.218	110.800	5.233	PK
4			5875.000	59.792	54.482	-45.408	105.200	5.310	PK
5			5925.000	59.713	54.211	-8.487	68.200	5.502	PK
6		*	5971.650	61.394	55.713	-6.806	68.200	5.681	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:24
Limit: FCC_Part 15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz	

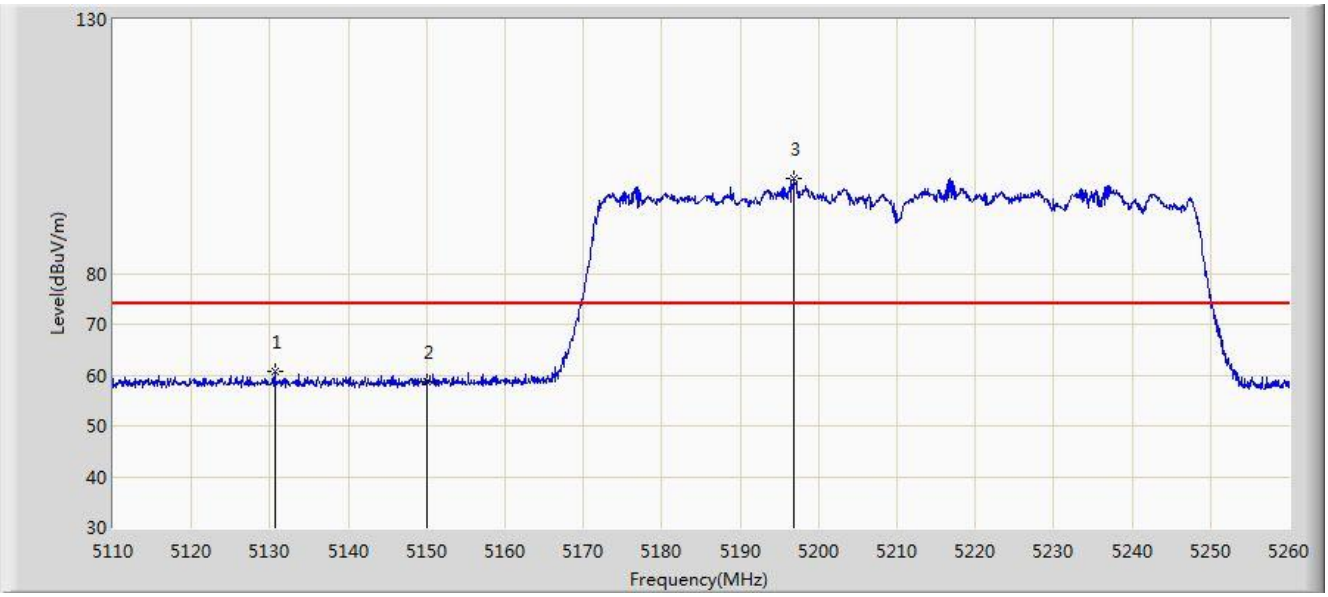


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.487	120.581	115.607	N/A	N/A	4.975	PK
2			5850.000	78.332	73.118	-43.868	122.200	5.214	PK
3			5855.000	76.048	70.815	-34.752	110.800	5.233	PK
4			5875.000	71.074	65.764	-34.126	105.200	5.310	PK
5			5925.000	61.757	56.255	-6.443	68.200	5.502	PK
6			5932.500	63.096	57.565	-5.104	68.200	5.531	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:57
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	

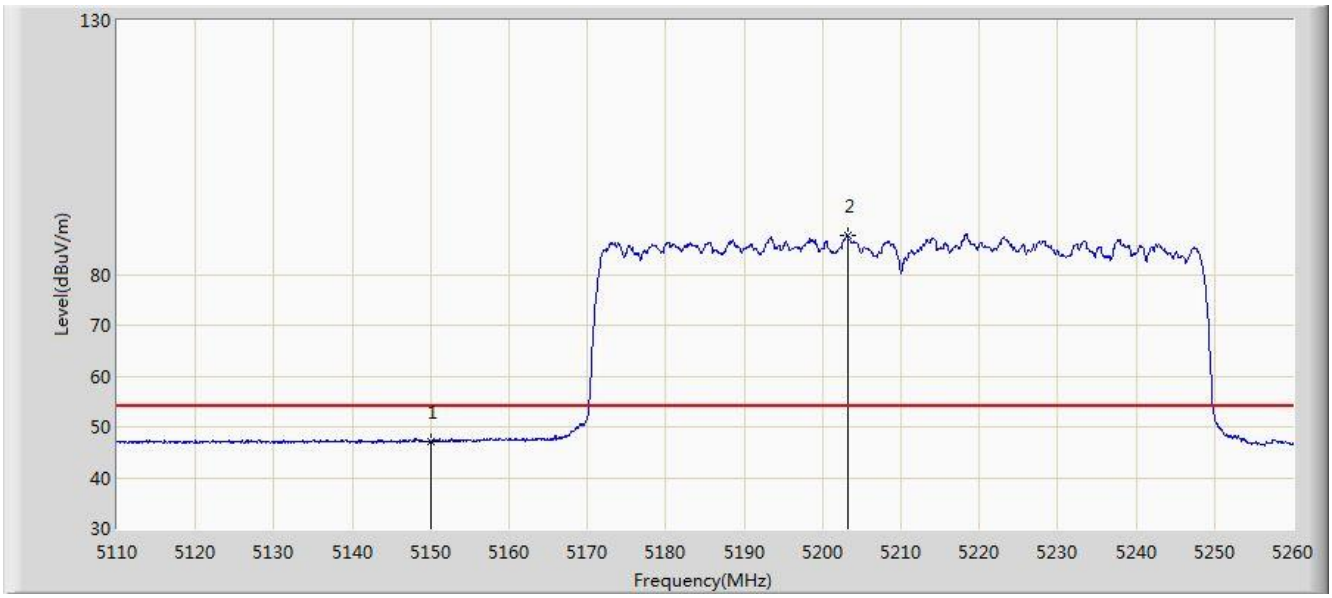


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5130.625	60.816	57.182	-13.184	74.000	3.634	PK
2			5150.000	58.690	55.044	-15.310	74.000	3.646	PK
3		*	5196.775	98.730	95.054	N/A	N/A	3.677	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:57
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	

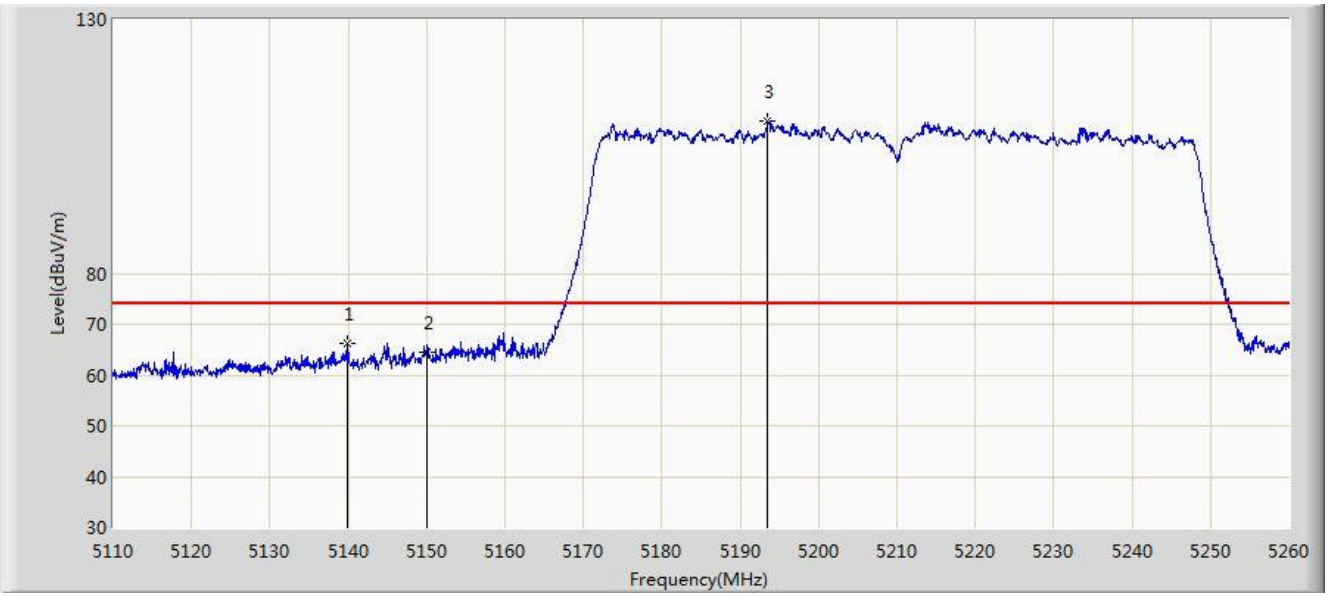


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.206	43.560	-6.794	54.000	3.646	AV
2		*	5203.225	87.732	84.052	N/A	N/A	3.681	AV

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

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

Site: AC1	Time: 2020/01/01 - 03:57
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	

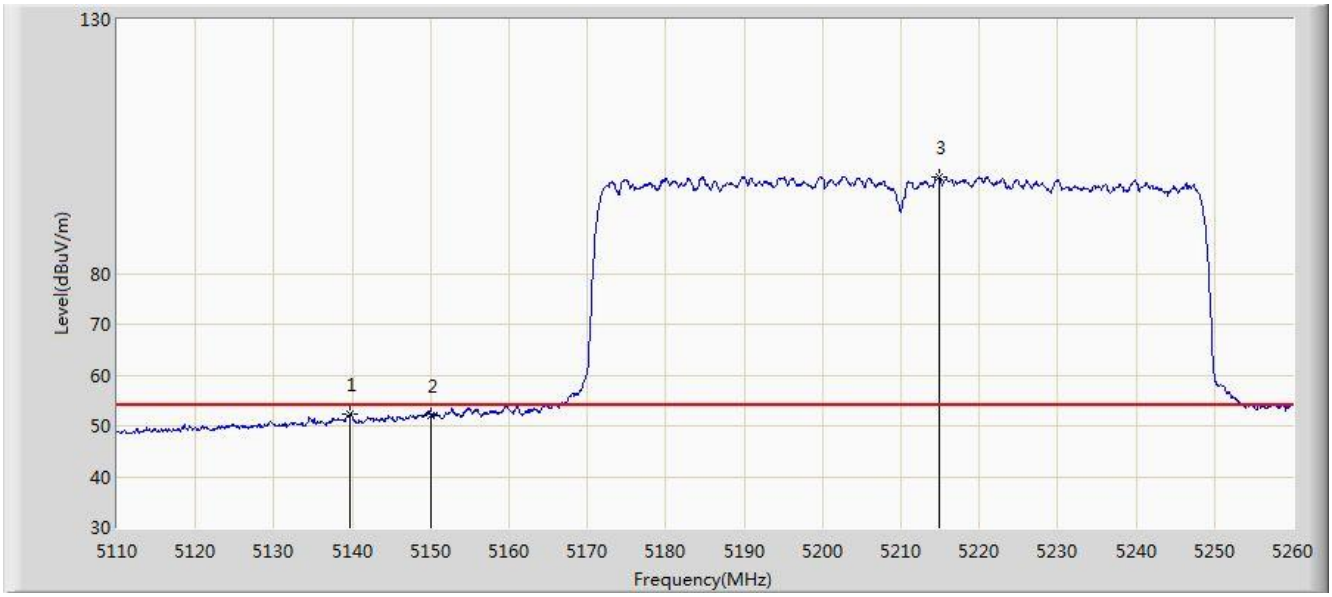


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.925	66.239	62.599	-7.761	74.000	3.639	PK
2			5150.000	64.597	60.951	-9.403	74.000	3.646	PK
3		*	5193.550	109.979	106.305	N/A	N/A	3.674	PK

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

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

Site: AC1	Time: 2020/01/01 - 03:56
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	

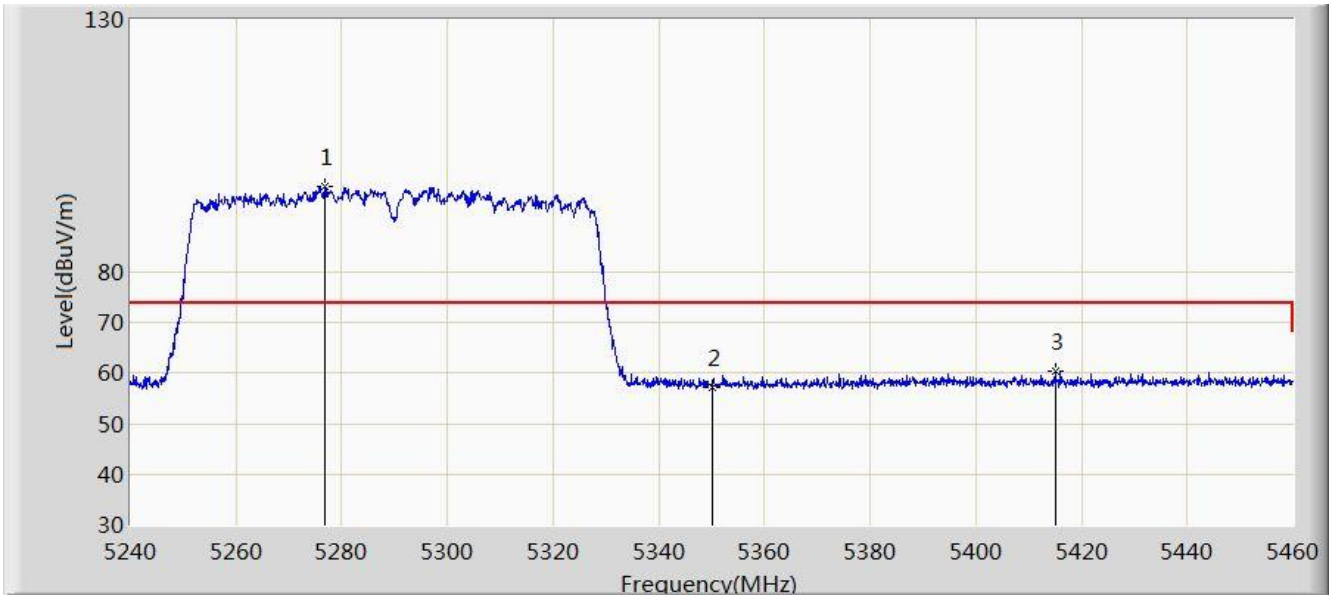


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5139.625	52.250	48.611	-1.750	54.000	3.639	AV
2			5150.000	52.167	48.521	-1.833	54.000	3.646	AV
3		*	5214.925	99.120	95.432	N/A	N/A	3.688	AV

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

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

Site: AC1	Time: 2020/02/15 - 10:17
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	

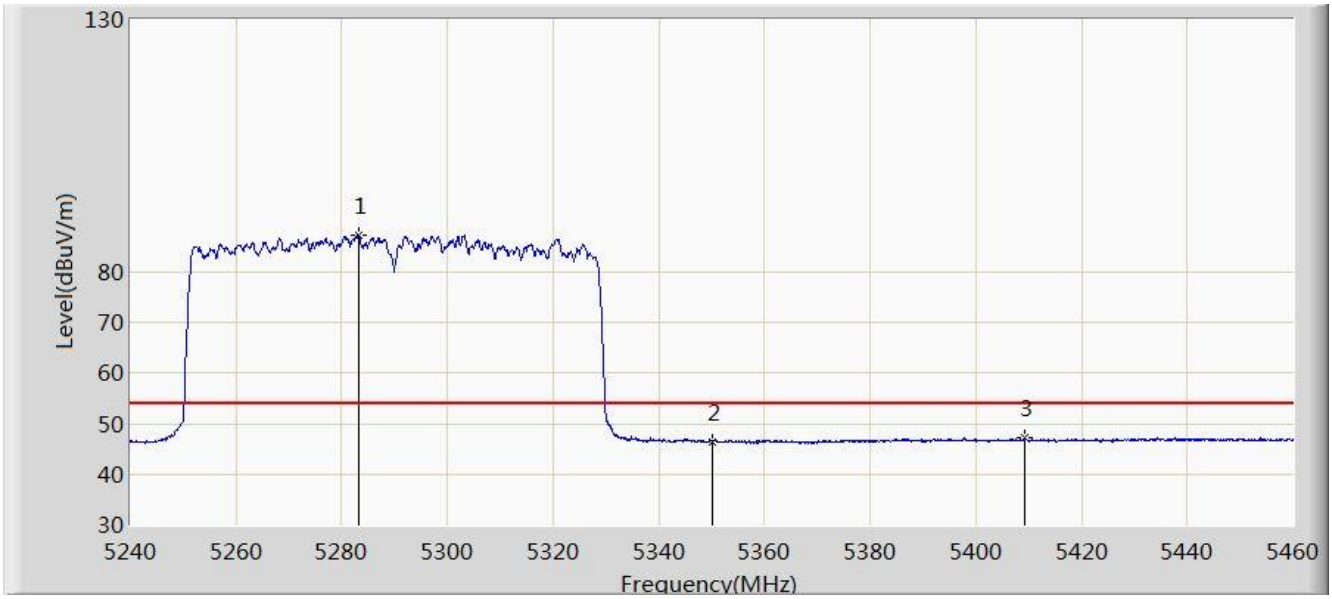


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5276.850	97.104	93.377	N/A	N/A	3.726	PK
2			5350.000	57.313	53.539	-16.687	74.000	3.774	PK
3			5415.010	60.394	56.578	-13.606	74.000	3.816	PK

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

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

Site: AC1	Time: 2020/02/15 - 10:18
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	

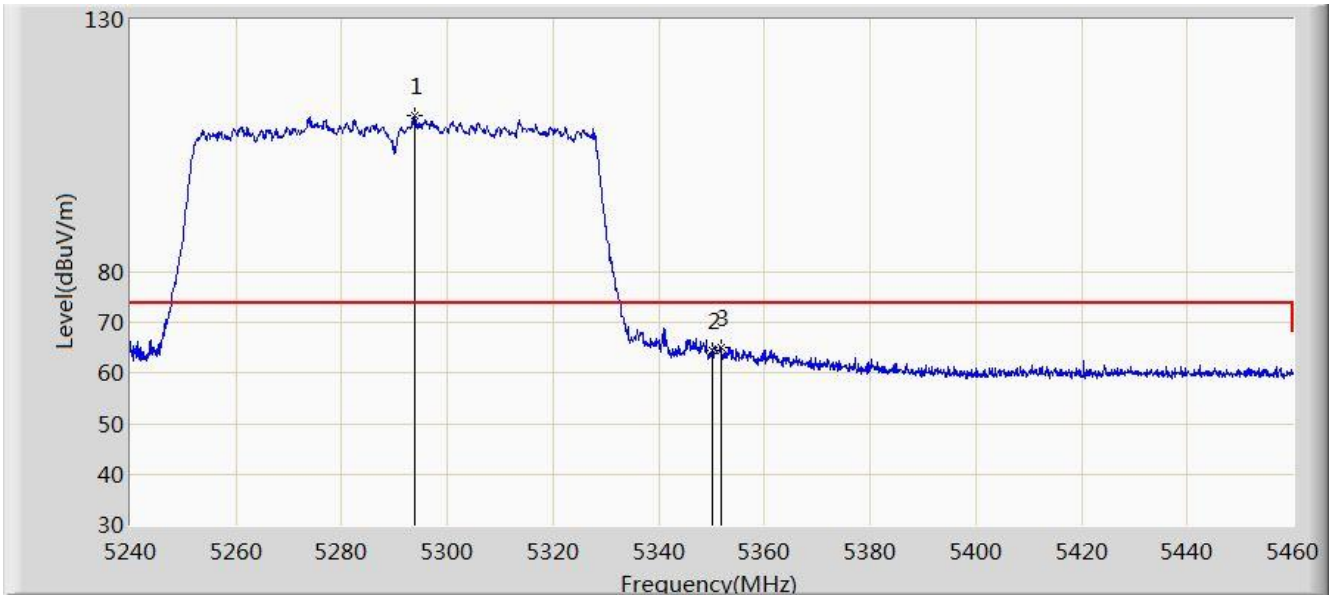


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5283.120	87.301	83.570	N/A	N/A	3.731	AV
2			5350.000	46.452	42.678	-7.548	54.000	3.774	AV
3			5409.290	47.127	43.315	-6.873	54.000	3.813	AV

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

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

Site: AC1	Time: 2020/02/15 - 10:15
Limit: FCC_Part 15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA 9120D_1-18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: By PoE Injector
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5293.900	110.956	107.218	N/A	N/A	3.738	PK
2			5350.000	64.468	60.694	-9.532	74.000	3.774	PK
3			5351.760	65.186	61.411	-8.814	74.000	3.775	PK

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

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