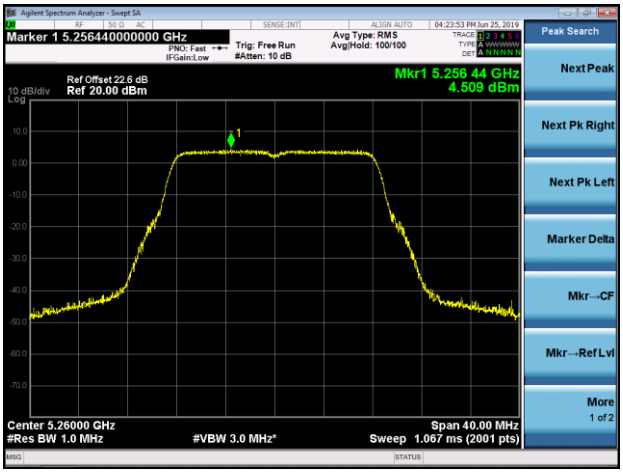
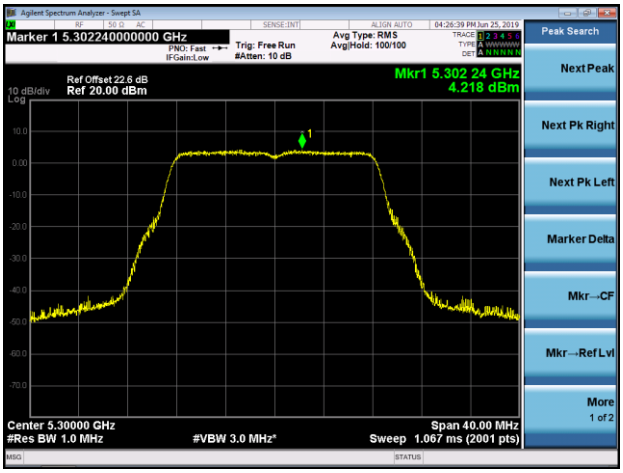
802.11a Power Spectral Density - Ant 1 / Ant 0 + 1

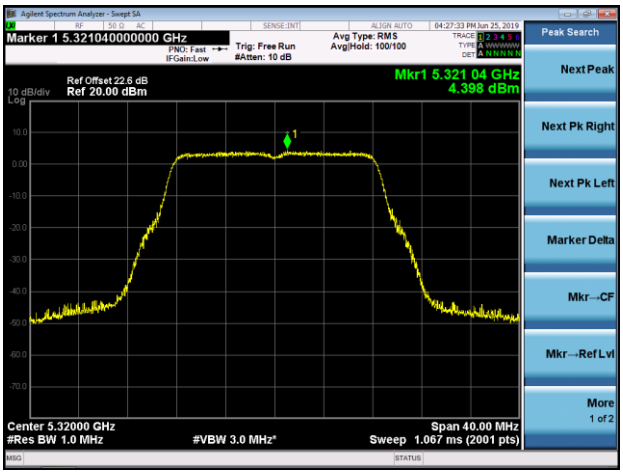
Channel 52 (5260MHz)



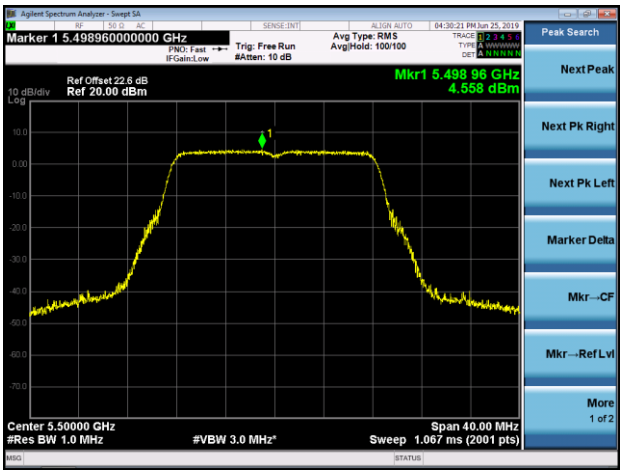
Channel 60 (5300MHz)



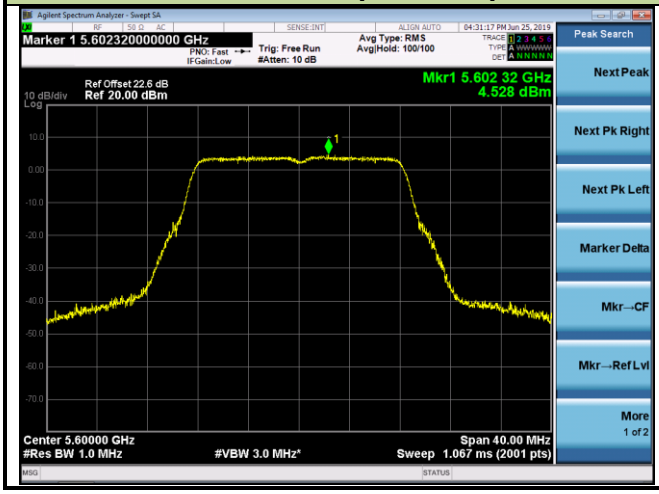
Channel 64 (5320MHz)



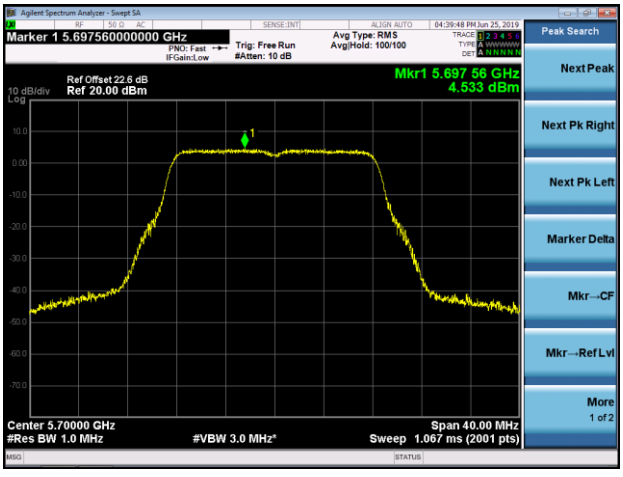
Channel 100 (5500MHz)

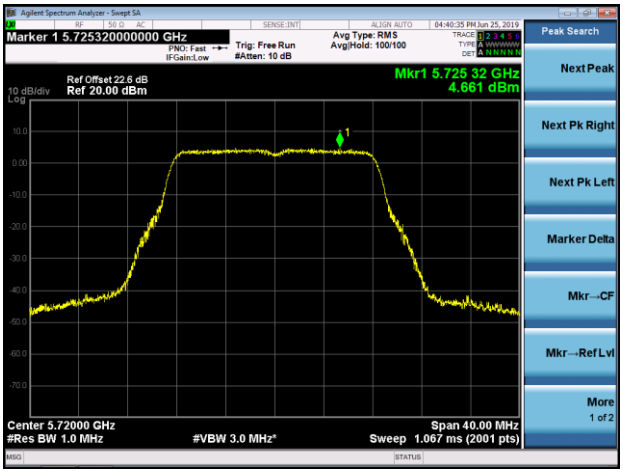


Channel 120 (5600MHz)



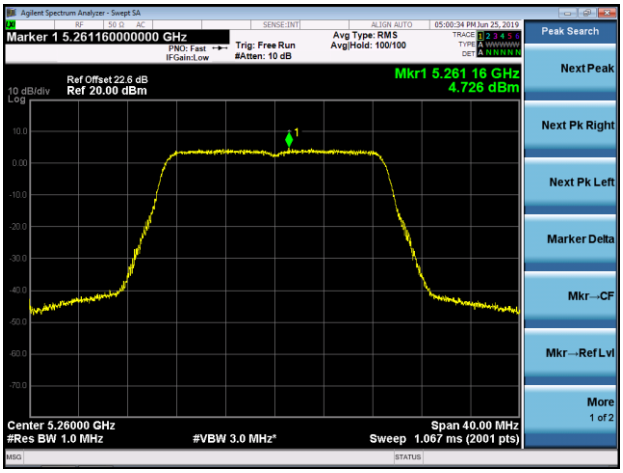
Channel 140 (5700MHz)



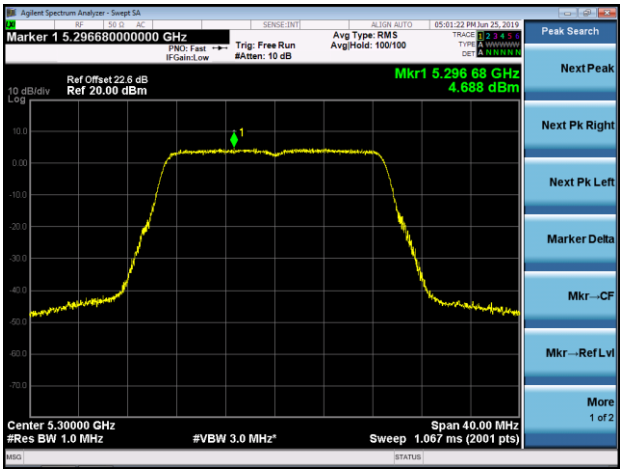
802.11a Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 144 (5720MHz)	
	

802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1

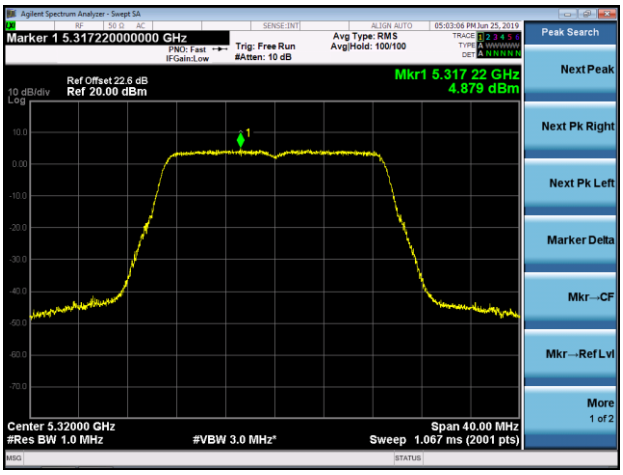
Channel 52 (5260MHz)



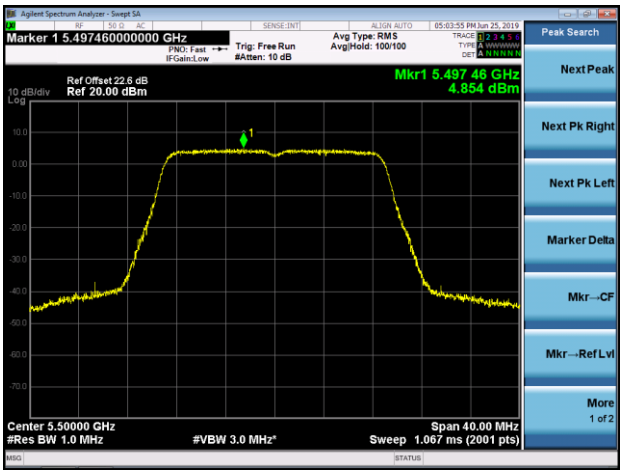
Channel 60 (5300MHz)



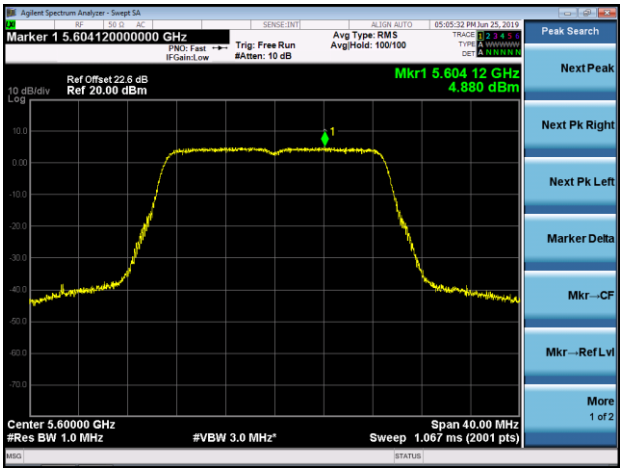
Channel 64 (5320MHz)



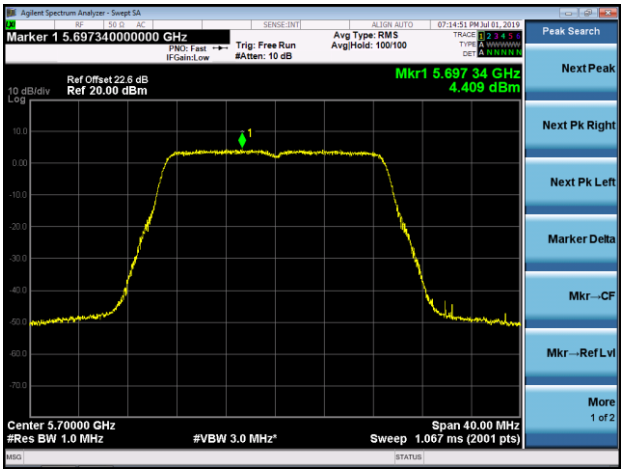
Channel 100 (5500MHz)

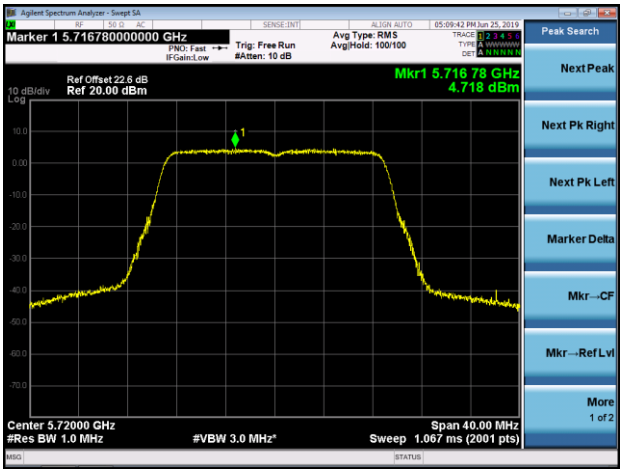


Channel 120 (5600MHz)



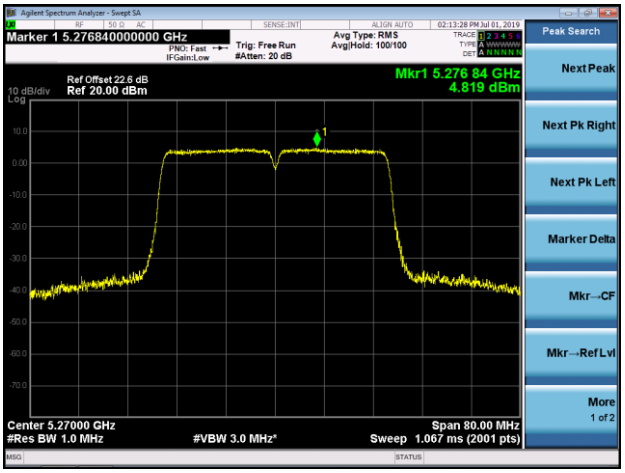
Channel 140 (5700MHz)



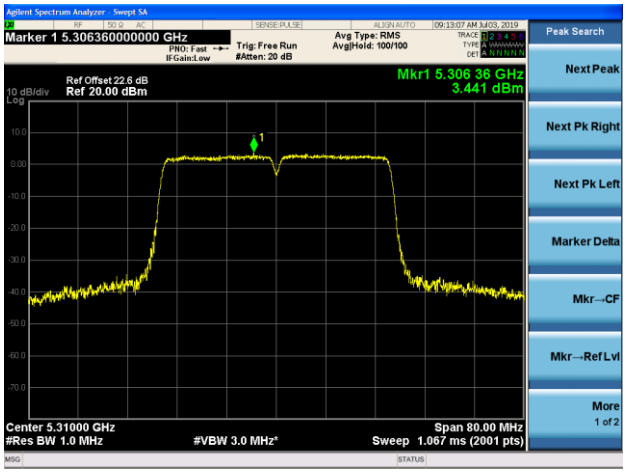
802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 144 (5720MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1

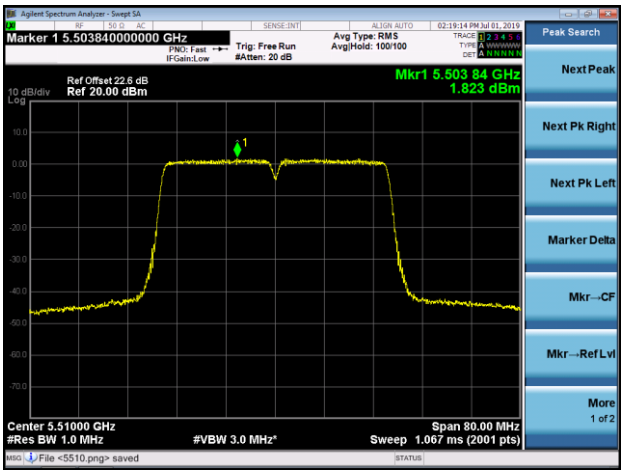
Channel 54 (5270MHz)



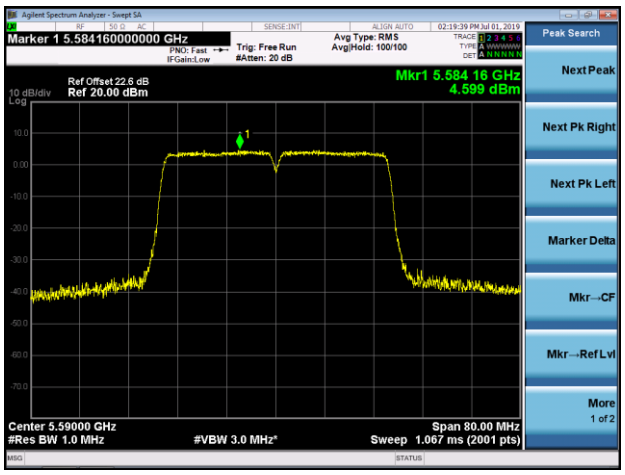
Channel 62 (5310MHz)



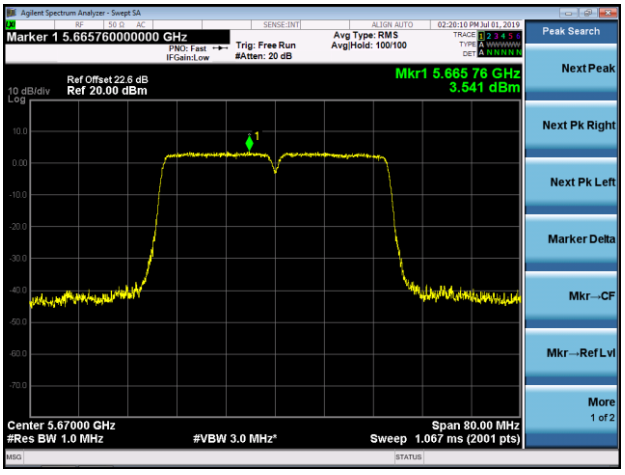
Channel 102 (5510MHz)



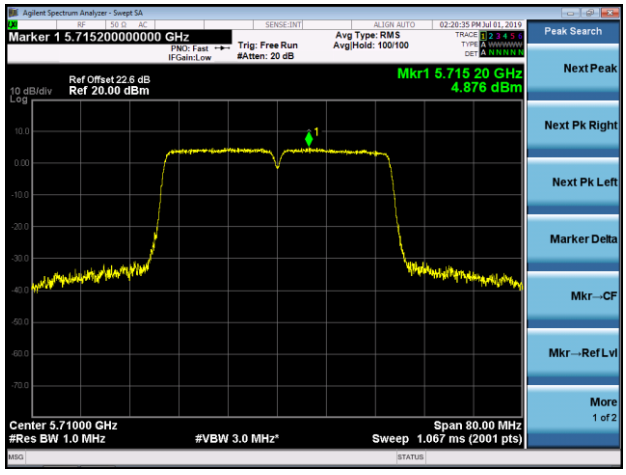
Channel 118 (5590MHz)

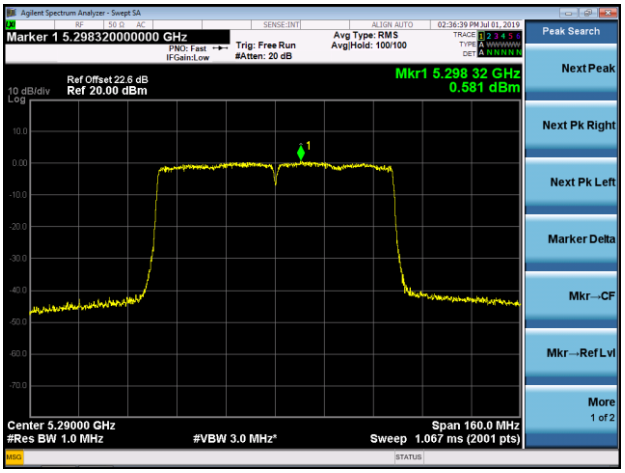
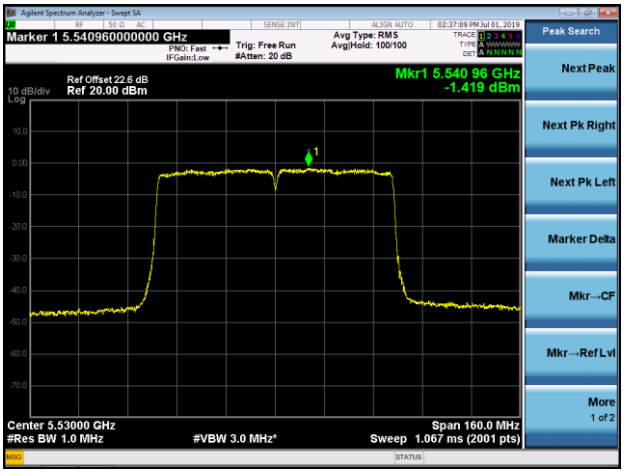
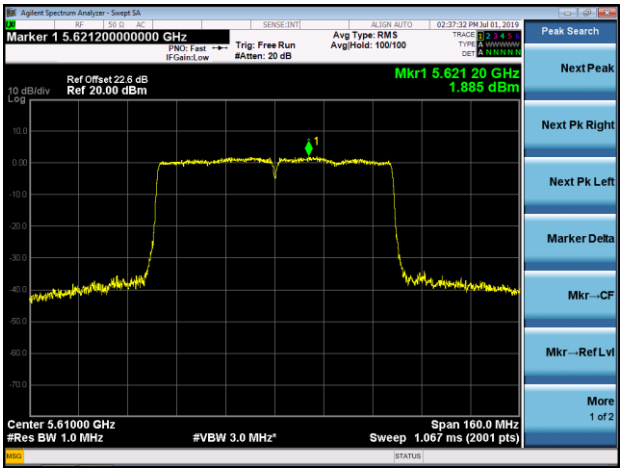
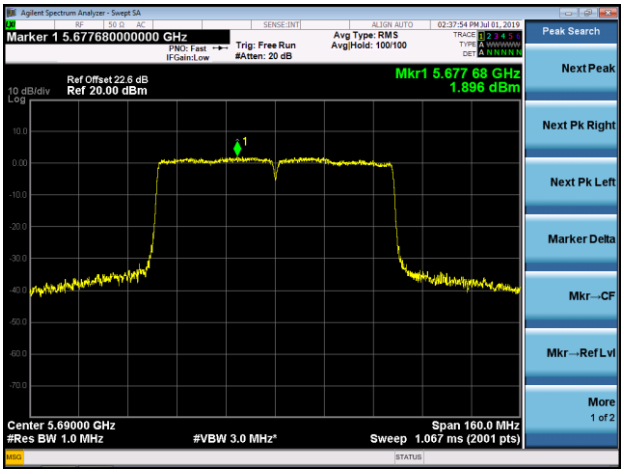


Channel 134 (5670MHz)



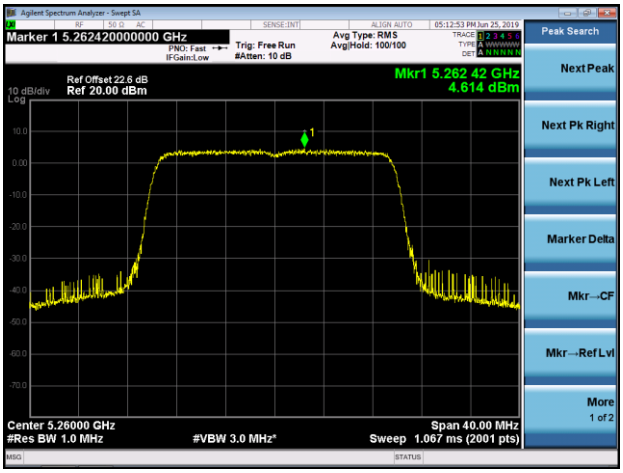
Channel 142 (5710MHz)



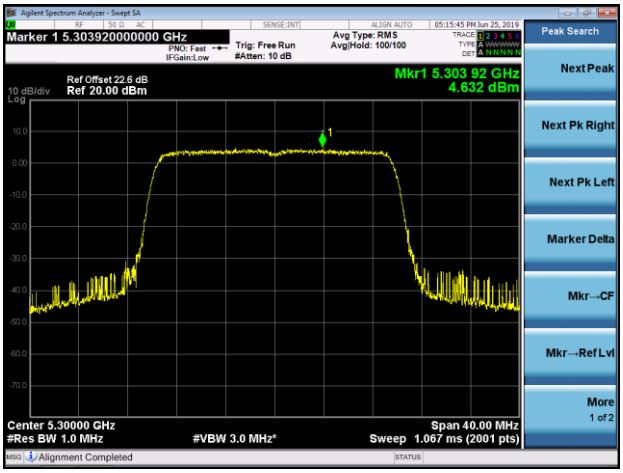
802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 58 (5290MHz)	**Channel 106 (5530MHz)**
	
Channel 122 (5610MHz)	**Channel 138 (5690MHz)**
	

802.11ax-HE20 Power Spectral Density - Ant 1 / Ant 0 + 1

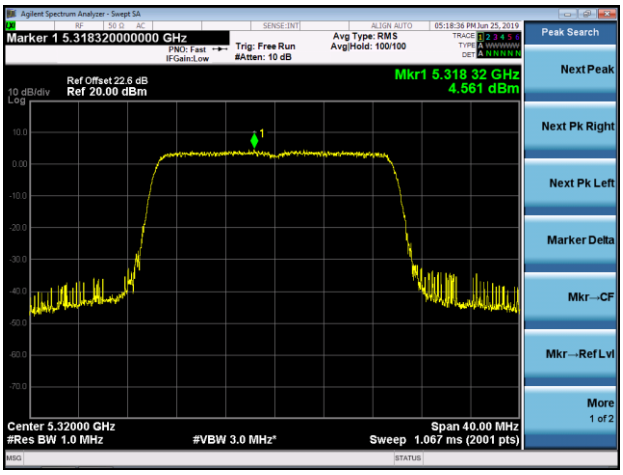
Channel 52 (5260MHz)



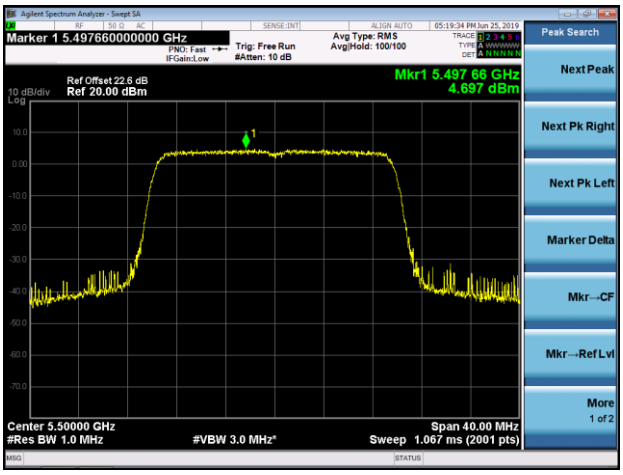
Channel 60 (5300MHz)



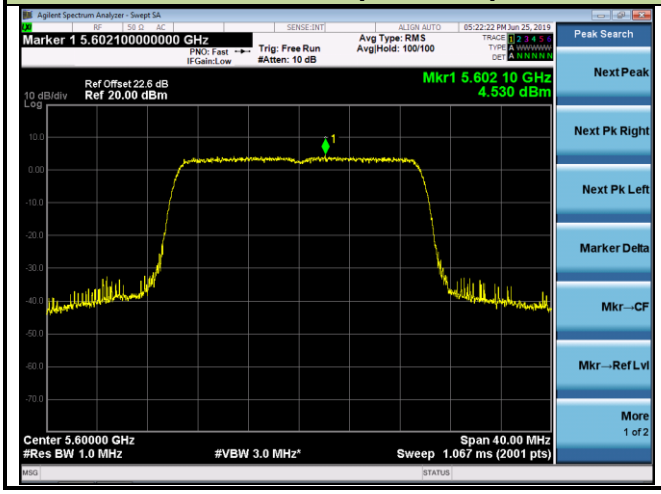
Channel 64 (5320MHz)



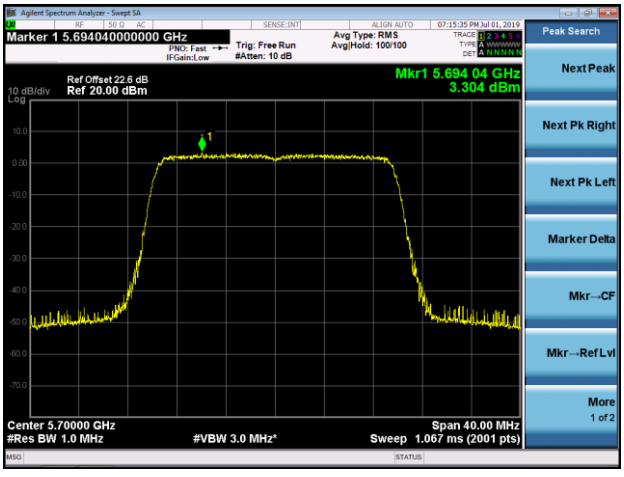
Channel 100 (5500MHz)

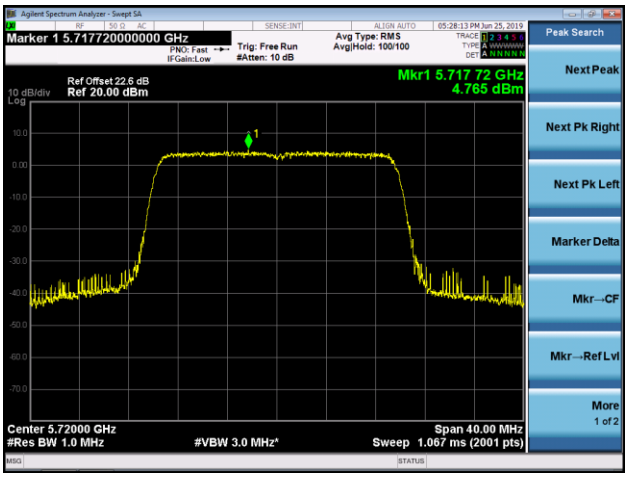


Channel 120 (5600MHz)



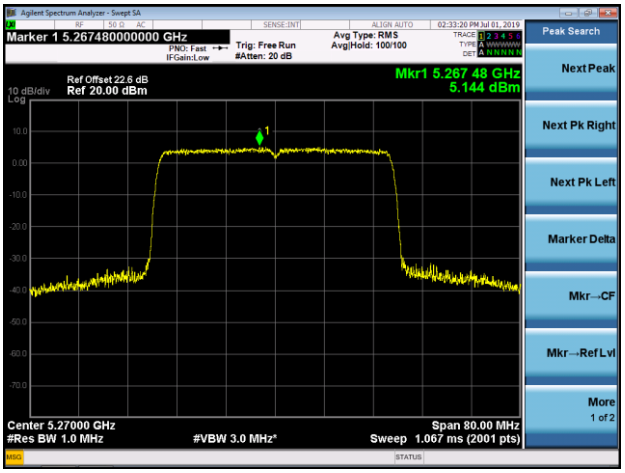
Channel 140 (5700MHz)



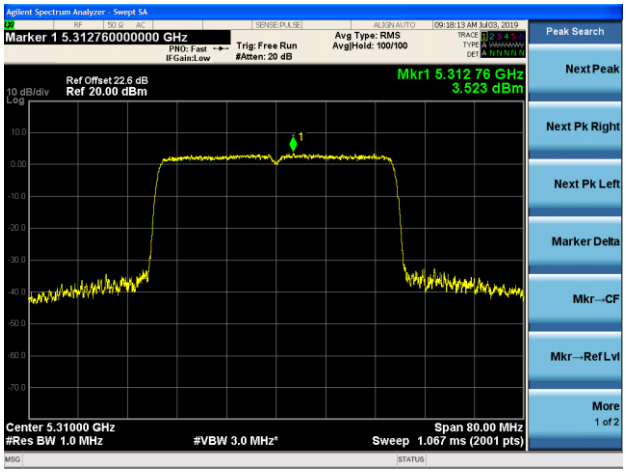
802.11ax-HE20 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 144 (5720MHz)	
	

802.11ax-HE40 Power Spectral Density - Ant 1 / Ant 0 + 1

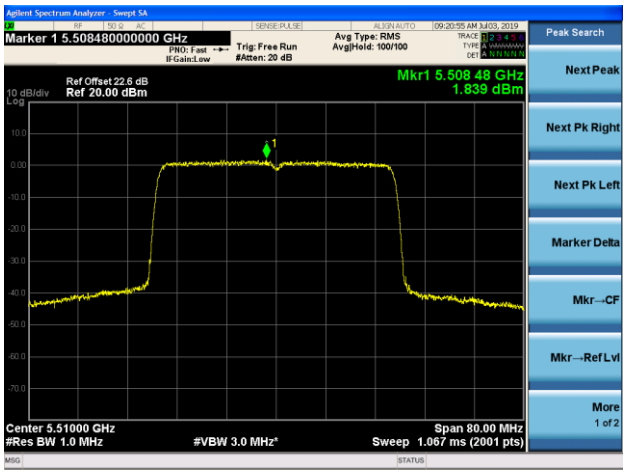
Channel 54 (5270MHz)



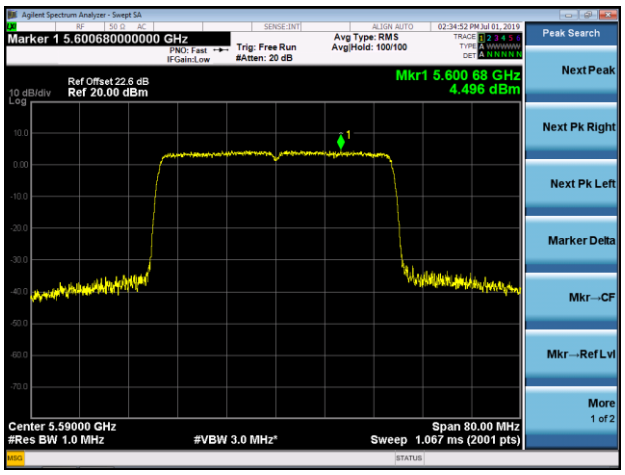
Channel 62 (5310MHz)



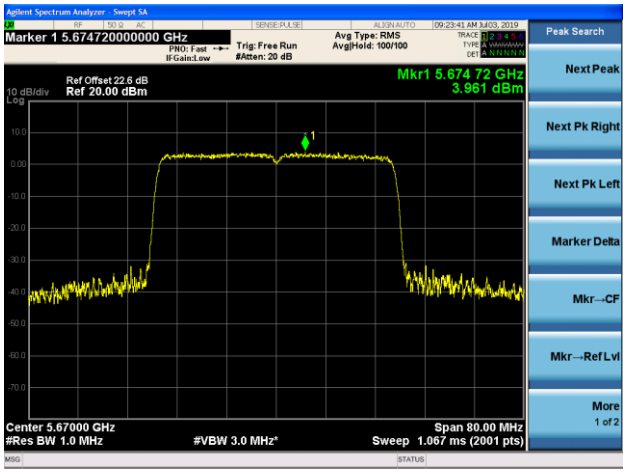
Channel 102 (5510MHz)



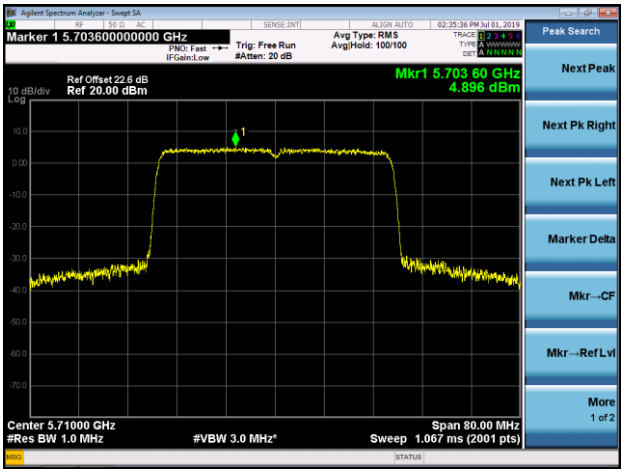
Channel 118 (5590MHz)

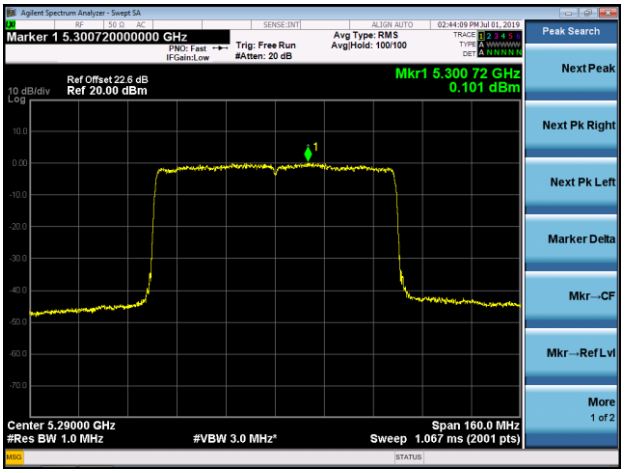
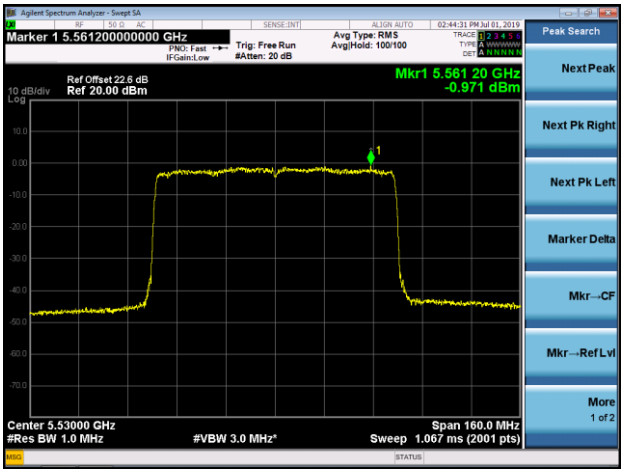
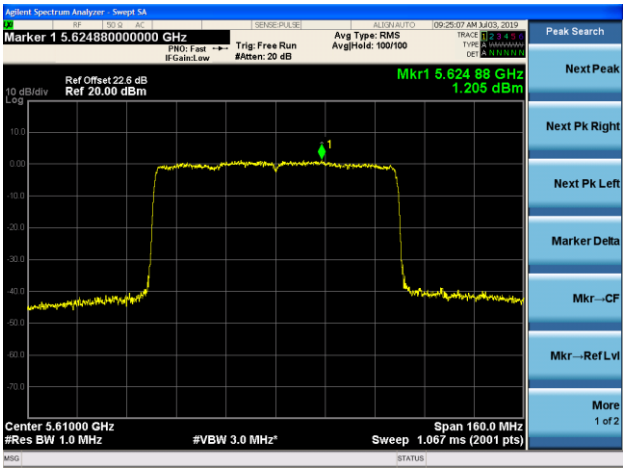
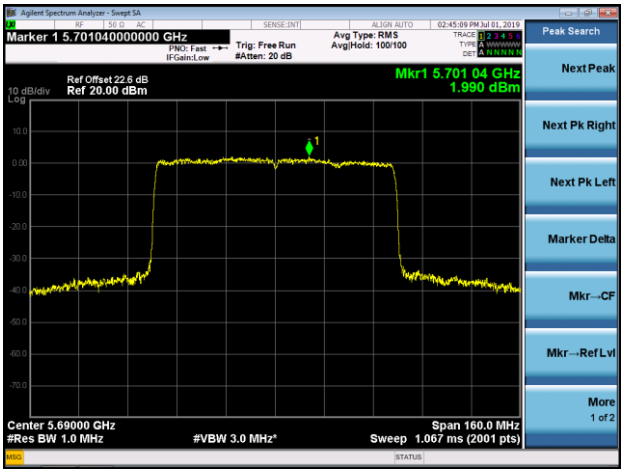


Channel 134 (5670MHz)



Channel 142 (5710MHz)



802.11ax-HE80 Power Spectral Density - Ant 1 / Ant 0 + 1	
Channel 58 (5290MHz)	**Channel 106 (5530MHz)**
	
Channel 122 (5610MHz)	**Channel 138 (5690MHz)**
	

7.6. Frequency Stability Measurement

7.6.1.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).

7.6.2.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:

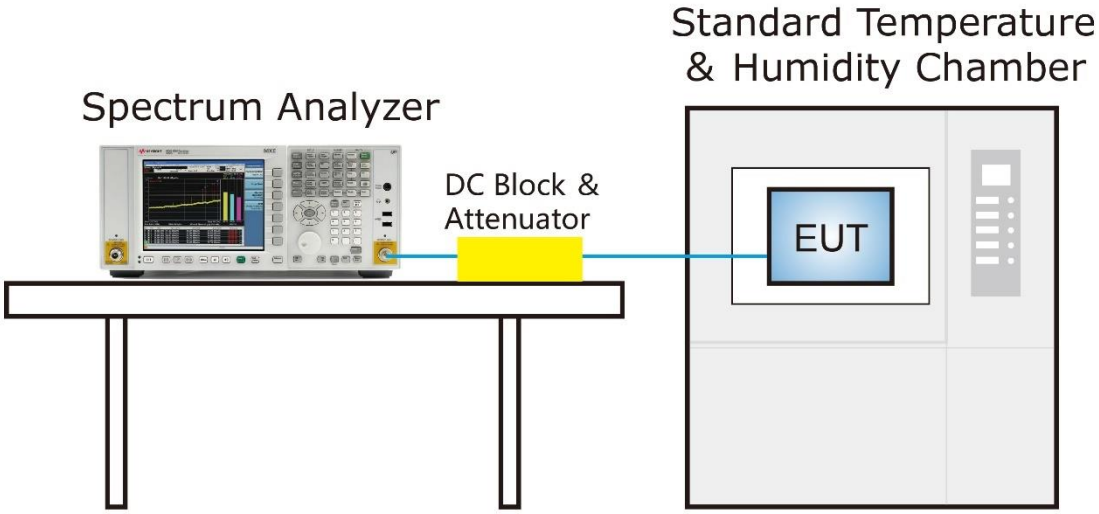
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

7.6.3.Test Setup



7.6.4.Test Result

Test Engineer	Kevin Ker	Temperature	-30 ~ 50°C
Test Time	2019/07/14	Relative Humidity	48 ~ 55%RH
Test Mode	5320MHz (Carrier Mode)	Test Site	SR1

Voltage (%)	Power (VAC)	Temp (℃)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-5.74	-5.54	-5.43	-5.26
		- 20	-5.64	-5.63	-5.48	-5.23
		- 10	-5.61	-5.59	-5.52	-5.55
		0	-5.38	-5.77	-5.27	-5.45
		+ 10	-5.52	-5.70	-5.61	-5.86
		+ 20 (Ref)	-5.54	-5.58	-5.57	-5.82
		+ 30	-5.43	-5.15	-5.00	-5.02
		+ 40	-5.68	-5.52	-5.70	-5.46
		+ 50	-5.49	-5.53	-5.37	-5.26
115%	138	+ 20	-5.71	-5.40	-5.32	-5.54
85%	102	+ 20	-5.74	-5.19	-5.20	-5.43

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

7.7. Radiated Spurious Emission Measurement

7.7.1.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

7.7.2.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)

7.7.3.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

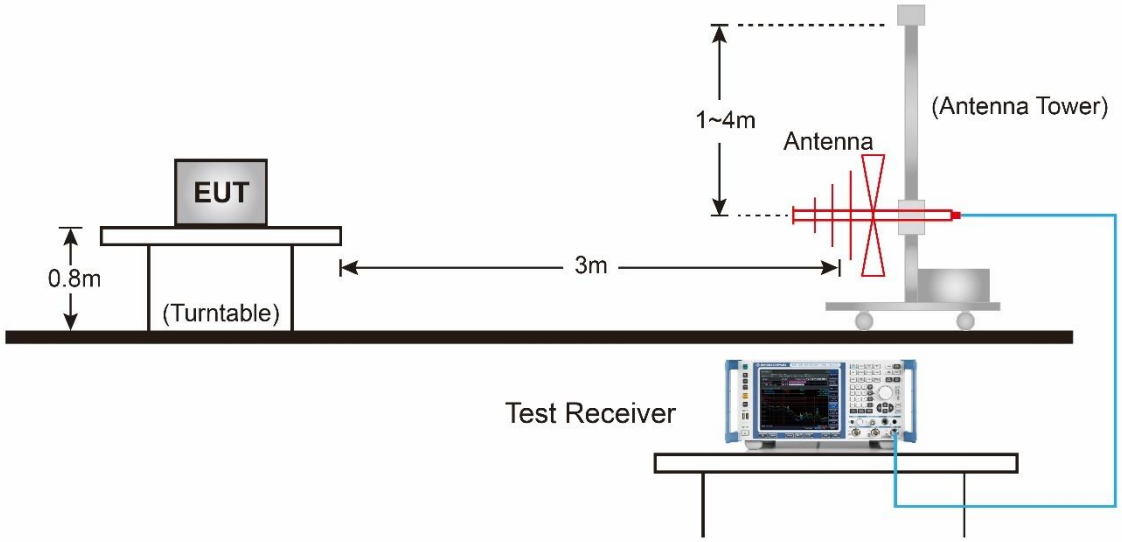
5. Sweep time = auto

6. Trace mode = max hold

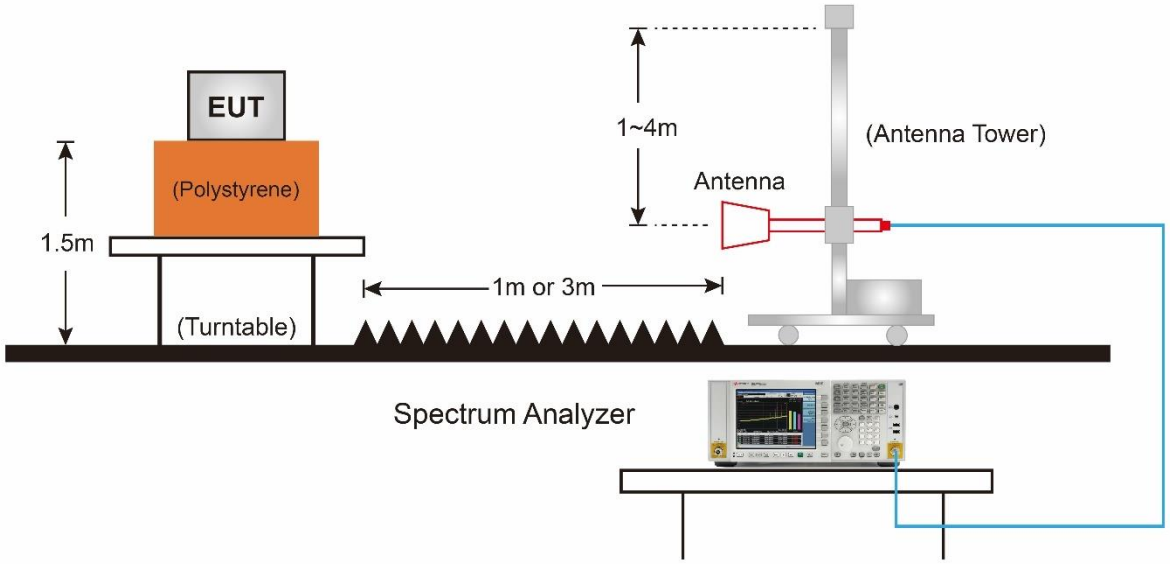
7. Trace was allowed to stabilize

7.7.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



Note: This item was performed with the Wi-Fi antenna connected.

7.7.5.Test Result

For APIN0504 - Omni Antenna (AP-ANT-20W)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7426.0	34.9	12.5	47.4	54.0	-6.6	Peak	Horizontal
	8378.0	34.2	13.1	47.3	54.0	-6.7	Peak	Horizontal
*	10154.5	33.7	16.4	50.1	68.2	-18.1	Peak	Horizontal
*	13741.5	33.3	21.6	54.9	68.2	-13.3	Peak	Horizontal
	7630.0	34.0	12.8	46.8	54.0	-7.2	Peak	Vertical
	8284.5	33.0	13.1	46.1	54.0	-7.9	Peak	Vertical
*	9644.5	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10435.0	33.2	17.7	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8276.0	32.3	13.1	45.4	54.0	-8.6	Peak	Horizontal
*	8820.0	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	10078.0	32.9	16.1	49.0	68.2	-19.2	Peak	Horizontal
	7468.5	34.4	12.6	47.0	54.0	-7.0	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	8777.5	33.6	13.8	47.4	68.2	-20.8	Peak	Vertical
*	9865.5	33.9	15.5	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7332.5	33.5	12.2	45.7	54.0	-8.3	Peak	Horizontal
	8191.0	33.8	13.0	46.8	54.0	-7.2	Peak	Horizontal
*	8743.5	33.0	13.8	46.8	68.2	-21.4	Peak	Horizontal
*	9959.0	34.9	15.7	50.6	68.2	-17.6	Peak	Horizontal
	7519.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8242.0	35.4	13.0	48.4	54.0	-5.6	Peak	Vertical
*	8879.5	33.9	14.1	48.0	68.2	-20.2	Peak	Vertical
*	9857.0	34.7	15.4	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7664.0	35.3	12.8	48.1	54.0	-5.9	Peak	Horizontal
	8199.5	35.0	13.0	48.0	54.0	-6.0	Peak	Horizontal
*	8769.0	33.9	13.8	47.7	68.2	-20.5	Peak	Horizontal
*	10078.0	32.9	16.1	49.0	68.2	-19.2	Peak	Horizontal
	7545.0	32.9	12.7	45.6	54.0	-8.4	Peak	Vertical
	8165.5	34.3	13.0	47.3	54.0	-6.7	Peak	Vertical
*	8811.5	33.6	13.9	47.5	68.2	-20.7	Peak	Vertical
*	9772.0	33.1	15.2	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7434.5	35.5	12.5	48.0	54.0	-6.0	Peak	Horizontal
	8225.0	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	8837.0	33.9	14.0	47.9	68.2	-20.3	Peak	Horizontal
*	10401.0	33.3	17.5	50.8	68.2	-17.4	Peak	Horizontal
	7502.5	35.3	12.7	48.0	54.0	-6.0	Peak	Vertical
	8267.5	32.5	13.1	45.6	54.0	-8.4	Peak	Vertical
*	9695.5	33.1	15.1	48.2	68.2	-20.0	Peak	Vertical
*	10460.5	31.2	17.8	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7468.5	33.4	12.6	46.0	54.0	-8.0	Peak	Horizontal
	8165.5	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	8854.0	33.3	14.0	47.3	68.2	-20.9	Peak	Horizontal
*	10273.5	33.8	17.0	50.8	68.2	-17.4	Peak	Horizontal
	7485.5	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8131.5	35.3	13.0	48.3	54.0	-5.7	Peak	Vertical
*	8735.0	34.1	13.7	47.8	68.2	-20.4	Peak	Vertical
*	10316.0	33.4	17.2	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7562.0	35.0	12.7	47.7	54.0	-6.3	Peak	Horizontal
	8318.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	8837.0	35.0	14.0	49.0	68.2	-19.2	Peak	Horizontal
*	9976.0	35.4	15.7	51.1	68.2	-17.1	Peak	Horizontal
	7451.5	35.8	12.6	48.4	54.0	-5.6	Peak	Vertical
	8165.5	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	8820.0	33.9	13.9	47.8	68.2	-20.4	Peak	Vertical
*	9721.0	32.8	15.1	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20- Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.7	12.6	47.3	54.0	-6.7	Peak	Horizontal
	8199.5	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9763.5	33.4	15.2	48.6	68.2	-19.6	Peak	Horizontal
*	10299.0	31.8	17.1	48.9	68.2	-19.3	Peak	Horizontal
	7477.0	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8276.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9593.5	33.8	14.8	48.6	68.2	-19.6	Peak	Vertical
*	10290.5	32.6	17.0	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.0	12.5	46.5	54.0	-7.5	Peak	Horizontal
	8225.0	35.1	13.0	48.1	54.0	-5.9	Peak	Horizontal
*	9678.5	35.5	15.0	50.5	68.2	-17.7	Peak	Horizontal
*	10401.0	31.9	17.5	49.4	68.2	-18.8	Peak	Horizontal
	7570.5	34.6	12.7	47.3	54.0	-6.7	Peak	Vertical
	8310.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9755.0	33.7	15.2	48.9	68.2	-19.3	Peak	Vertical
*	10392.5	33.0	17.5	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7417.5	35.0	12.5	47.5	54.0	-6.5	Peak	Horizontal
	8369.5	34.6	13.1	47.7	54.0	-6.3	Peak	Horizontal
*	9619.0	35.3	14.9	50.2	68.2	-18.0	Peak	Horizontal
*	10188.5	33.2	16.6	49.8	68.2	-18.4	Peak	Horizontal
	7672.5	35.5	12.8	48.3	54.0	-5.7	Peak	Vertical
	8267.5	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9840.0	34.7	15.4	50.1	68.2	-18.1	Peak	Vertical
*	10358.5	32.2	17.3	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7417.5	33.6	12.5	46.1	54.0	-7.9	Peak	Horizontal
	8174.0	36.0	13.0	49.0	54.0	-5.0	Peak	Horizontal
*	9772.0	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
*	10409.5	33.4	17.6	51.0	68.2	-17.2	Peak	Horizontal
	7468.5	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	8208.0	33.2	13.0	46.2	54.0	-7.8	Peak	Vertical
*	9653.0	33.6	15.0	48.6	68.2	-19.6	Peak	Vertical
*	10265.0	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7409.0	33.9	12.5	46.4	54.0	-7.6	Peak	Horizontal
	8369.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9721.0	32.6	15.1	47.7	68.2	-20.5	Peak	Horizontal
*	10409.5	33.2	17.6	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	32.6	12.7	45.3	54.0	-8.7	Peak	Vertical
	8310.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9636.0	33.6	14.9	48.5	68.2	-19.7	Peak	Vertical
*	10231.0	33.4	16.8	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.0	12.7	45.7	54.0	-8.3	Peak	Horizontal
	8420.5	34.7	13.1	47.8	54.0	-6.2	Peak	Horizontal
*	9695.5	34.4	15.1	49.5	68.2	-18.7	Peak	Horizontal
*	10256.5	33.9	16.9	50.8	68.2	-17.4	Peak	Horizontal
	7536.5	33.6	12.7	46.3	54.0	-7.7	Peak	Vertical
	8420.5	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9636.0	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10460.5	32.1	17.8	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.6	12.7	47.3	54.0	-6.7	Peak	Horizontal
	8208.0	35.8	13.0	48.8	54.0	-5.2	Peak	Horizontal
*	9678.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10409.5	32.8	17.6	50.4	68.2	-17.8	Peak	Horizontal
	7375.0	32.8	12.4	45.2	54.0	-8.8	Peak	Vertical
	8242.0	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	9823.0	32.3	15.4	47.7	68.2	-20.5	Peak	Vertical
*	10443.5	31.5	17.7	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.8	12.7	47.5	54.0	-6.5	Peak	Horizontal
	8386.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9627.5	34.8	14.9	49.7	68.2	-18.5	Peak	Horizontal
*	10214.0	33.4	16.7	50.1	68.2	-18.1	Peak	Horizontal
	7366.5	33.1	12.3	45.4	54.0	-8.6	Peak	Vertical
	8233.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9593.5	33.4	14.8	48.2	68.2	-20.0	Peak	Vertical
*	10324.5	31.6	17.2	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	34.6	12.8	47.4	54.0	-6.6	Peak	Horizontal
	8250.5	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9789.0	34.6	15.3	49.9	68.2	-18.3	Peak	Horizontal
*	10392.5	33.3	17.5	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	32.8	12.7	45.5	54.0	-8.5	Peak	Vertical
	8225.0	32.5	13.0	45.5	54.0	-8.5	Peak	Vertical
*	9653.0	32.6	15.0	47.6	68.2	-20.6	Peak	Vertical
*	10197.0	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.8	12.2	47.0	54.0	-7.0	Peak	Horizontal
	8310.0	32.8	13.1	45.9	54.0	-8.1	Peak	Horizontal
*	9814.5	33.4	15.3	48.7	68.2	-19.5	Peak	Horizontal
*	10460.5	31.2	17.8	49.0	68.2	-19.2	Peak	Horizontal
	7536.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8259.0	34.7	13.0	47.7	54.0	-6.3	Peak	Vertical
*	9653.0	34.8	15.0	49.8	68.2	-18.4	Peak	Vertical
*	10324.5	32.5	17.2	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7553.5	32.2	12.7	44.9	54.0	-9.1	Peak	Horizontal
	8131.5	33.0	13.0	46.0	54.0	-8.0	Peak	Horizontal
*	9721.0	33.0	15.1	48.1	68.2	-20.1	Peak	Horizontal
*	10341.5	32.6	17.3	49.9	68.2	-18.3	Peak	Horizontal
	7502.5	33.3	12.7	46.0	54.0	-8.0	Peak	Vertical
	8361.0	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9695.5	34.2	15.1	49.3	68.2	-18.9	Peak	Vertical
*	10231.0	33.3	16.8	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	34.3	12.8	47.1	54.0	-6.9	Peak	Horizontal
	8199.5	33.7	13.0	46.7	54.0	-7.3	Peak	Horizontal
*	9874.0	33.7	15.5	49.2	68.2	-19.0	Peak	Horizontal
*	10452.0	32.3	17.8	50.1	68.2	-18.1	Peak	Horizontal
	7502.5	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8352.5	33.5	13.1	46.6	54.0	-7.4	Peak	Vertical
*	9653.0	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10443.5	31.3	17.7	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.4	12.7	47.1	54.0	-6.9	Peak	Horizontal
	8378.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9814.5	33.3	15.3	48.6	68.2	-19.6	Peak	Horizontal
*	10443.5	31.5	17.7	49.2	68.2	-19.0	Peak	Horizontal
	7621.5	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8199.5	33.4	13.0	46.4	54.0	-7.6	Peak	Vertical
*	9678.5	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10350.0	32.2	17.3	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8327.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9636.0	33.2	14.9	48.1	68.2	-20.1	Peak	Horizontal
*	10248.0	32.6	16.9	49.5	68.2	-18.7	Peak	Horizontal
	7570.5	33.0	12.7	45.7	54.0	-8.3	Peak	Vertical
	8310.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9874.0	34.9	15.5	50.4	68.2	-17.8	Peak	Vertical
*	10333.0	32.7	17.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7383.5	35.2	12.4	47.6	54.0	-6.4	Peak	Horizontal
	8301.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9636.0	34.6	14.9	49.5	68.2	-18.7	Peak	Horizontal
*	10214.0	33.6	16.7	50.3	68.2	-17.9	Peak	Horizontal
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Vertical
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9857.0	33.3	15.4	48.7	68.2	-19.5	Peak	Vertical
*	10358.5	32.2	17.3	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8327.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9636.0	33.2	14.9	48.1	68.2	-20.1	Peak	Horizontal
*	10248.0	32.6	16.9	49.5	68.2	-18.7	Peak	Horizontal
	7570.5	33.0	12.7	45.7	54.0	-8.3	Peak	Vertical
	8310.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9874.0	34.9	15.5	50.4	68.2	-17.8	Peak	Vertical
*	10333.0	32.7	17.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.1	12.7	45.8	54.0	-8.2	Peak	Horizontal
	8378.0	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9814.5	32.4	15.3	47.7	68.2	-20.5	Peak	Horizontal
*	10358.5	32.4	17.3	49.7	68.2	-18.5	Peak	Horizontal
	7587.5	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8310.0	33.7	13.1	46.8	54.0	-7.2	Peak	Vertical
*	9636.0	34.4	14.9	49.3	68.2	-18.9	Peak	Vertical
*	10350.0	32.9	17.3	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20- Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7349.5	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
	8225.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9882.5	35.2	15.5	50.7	68.2	-17.5	Peak	Horizontal
*	10503.0	33.1	18.0	51.1	68.2	-17.1	Peak	Horizontal
	7604.5	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8395.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9678.5	34.7	15.0	49.7	68.2	-18.5	Peak	Vertical
*	10282.0	34.0	17.0	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7392.0	33.7	12.4	46.1	54.0	-7.9	Peak	Horizontal
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9797.5	34.4	15.3	49.7	68.2	-18.5	Peak	Horizontal
*	10486.0	33.1	17.9	51.0	68.2	-17.2	Peak	Horizontal
	7596.0	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8199.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9814.5	33.2	15.3	48.5	68.2	-19.7	Peak	Vertical
*	10324.5	32.3	17.2	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.1	12.8	44.9	54.0	-9.1	Peak	Horizontal
	8327.0	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9993.0	32.1	15.7	47.8	68.2	-20.4	Peak	Horizontal
*	10409.5	32.0	17.6	49.6	68.2	-18.6	Peak	Horizontal
	7579.0	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8174.0	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
*	9857.0	33.5	15.4	48.9	68.2	-19.3	Peak	Vertical
*	10443.5	31.9	17.7	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Horizontal
	8242.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9738.0	33.7	15.2	48.9	68.2	-19.3	Peak	Horizontal
*	10392.5	32.5	17.5	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8199.5	32.8	13.0	45.8	54.0	-8.2	Peak	Vertical
*	9814.5	32.8	15.3	48.1	68.2	-20.1	Peak	Vertical
*	10418.0	31.8	17.6	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7528.0	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8429.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9721.0	34.6	15.1	49.7	68.2	-18.5	Peak	Horizontal
*	10443.5	31.8	17.7	49.5	68.2	-18.7	Peak	Horizontal
	7434.5	35.1	12.5	47.6	54.0	-6.4	Peak	Vertical
	8157.0	35.2	13.0	48.2	54.0	-5.8	Peak	Vertical
*	9899.5	33.2	15.5	48.7	68.2	-19.5	Peak	Vertical
*	10443.5	31.8	17.7	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.2	12.7	46.9	54.0	-7.1	Peak	Horizontal
	8352.5	32.6	13.1	45.7	54.0	-8.3	Peak	Horizontal
*	9636.0	33.9	14.9	48.8	68.2	-19.4	Peak	Horizontal
*	10409.5	32.4	17.6	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	32.6	12.7	45.3	54.0	-8.7	Peak	Vertical
	8242.0	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	9797.5	33.7	15.3	49.0	68.2	-19.2	Peak	Vertical
*	10307.5	32.5	17.1	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.4	12.7	45.1	54.0	-8.9	Peak	Horizontal
	8276.0	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9593.5	33.4	14.8	48.2	68.2	-20.0	Peak	Horizontal
*	10120.5	33.7	16.3	50.0	68.2	-18.2	Peak	Horizontal
	7477.0	34.0	12.7	46.7	54.0	-7.3	Peak	Vertical
	8131.5	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	10001.5	33.7	15.8	49.5	68.2	-18.7	Peak	Vertical
*	10350.0	33.3	17.3	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7468.5	33.7	12.6	46.3	54.0	-7.7	Peak	Horizontal
	8191.0	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	10035.5	34.2	15.9	50.1	68.2	-18.1	Peak	Horizontal
*	10477.5	32.3	17.9	50.2	68.2	-18.0	Peak	Horizontal
	7545.0	32.4	12.7	45.1	54.0	-8.9	Peak	Vertical
	8446.0	33.8	13.1	46.9	54.0	-7.1	Peak	Vertical
*	9670.0	35.8	15.0	50.8	68.2	-17.4	Peak	Vertical
*	10307.5	33.3	17.1	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.4	12.7	45.1	54.0	-8.9	Peak	Horizontal
	8199.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9857.0	34.2	15.4	49.6	68.2	-18.6	Peak	Horizontal
*	10231.0	34.3	16.8	51.1	68.2	-17.1	Peak	Horizontal
	7536.5	33.4	12.7	46.1	54.0	-7.9	Peak	Vertical
	8352.5	34.1	13.1	47.2	54.0	-6.8	Peak	Vertical
*	9721.0	33.8	15.1	48.9	68.2	-19.3	Peak	Vertical
*	10409.5	32.3	17.6	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	31.7	12.7	44.4	54.0	-9.6	Peak	Horizontal
	8165.5	33.5	13.0	46.5	54.0	-7.5	Peak	Horizontal
*	9636.0	34.0	14.9	48.9	68.2	-19.3	Peak	Horizontal
*	10443.5	32.5	17.7	50.2	68.2	-18.0	Peak	Horizontal
	7596.0	32.0	12.8	44.8	54.0	-9.2	Peak	Vertical
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9780.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10333.0	33.4	17.2	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7417.5	34.0	12.5	46.5	54.0	-7.5	Peak	Horizontal
	8276.0	34.0	13.1	47.1	54.0	-6.9	Peak	Horizontal
*	9814.5	34.5	15.3	49.8	68.2	-18.4	Peak	Horizontal
*	10401.0	34.0	17.5	51.5	68.2	-16.7	Peak	Horizontal
	7596.0	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8352.5	33.4	13.1	46.5	54.0	-7.5	Peak	Vertical
*	9899.5	34.7	15.5	50.2	68.2	-18.0	Peak	Vertical
*	10418.0	33.2	17.6	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8242.0	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9661.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10333.0	33.1	17.2	50.3	68.2	-17.9	Peak	Horizontal
	7417.5	32.0	12.5	44.5	54.0	-9.5	Peak	Vertical
	8216.5	33.6	13.0	46.6	54.0	-7.4	Peak	Vertical
*	9704.0	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical
*	10341.5	32.8	17.3	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8386.5	33.4	13.1	46.5	54.0	-7.5	Peak	Horizontal
*	9678.5	34.9	15.0	49.9	68.2	-18.3	Peak	Horizontal
*	10256.5	33.2	16.9	50.1	68.2	-18.1	Peak	Horizontal
	7596.0	32.1	12.8	44.9	54.0	-9.1	Peak	Vertical
	8250.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9814.5	34.2	15.3	49.5	68.2	-18.7	Peak	Vertical
*	10358.5	32.7	17.3	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.6	12.8	45.4	54.0	-8.6	Peak	Horizontal
	8386.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9695.5	33.2	15.1	48.3	68.2	-19.9	Peak	Horizontal
*	10341.5	33.5	17.3	50.8	68.2	-17.4	Peak	Horizontal
	7519.5	31.8	12.7	44.5	54.0	-9.5	Peak	Vertical
	8208.0	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
*	9874.0	33.9	15.5	49.4	68.2	-18.8	Peak	Vertical
*	10401.0	32.6	17.5	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	31.9	12.8	44.7	54.0	-9.3	Peak	Horizontal
	8386.5	33.1	13.1	46.2	54.0	-7.8	Peak	Horizontal
*	9661.5	33.6	15.0	48.6	68.2	-19.6	Peak	Horizontal
*	10171.5	33.4	16.5	49.9	68.2	-18.3	Peak	Horizontal
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8386.5	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Vertical
*	10222.5	33.1	16.7	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.7	12.3	45.0	54.0	-9.0	Peak	Horizontal
	8386.5	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9678.5	33.6	15.0	48.6	68.2	-19.6	Peak	Horizontal
*	10214.0	33.0	16.7	49.7	68.2	-18.5	Peak	Horizontal
	7587.5	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8318.5	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9814.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10265.0	33.8	16.9	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.3	12.7	47.0	54.0	-7.0	Peak	Horizontal
	8386.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Horizontal
*	10333.0	32.3	17.2	49.5	68.2	-18.7	Peak	Horizontal
	7536.5	33.1	12.7	45.8	54.0	-8.2	Peak	Vertical
	8242.0	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	9721.0	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical
*	10333.0	32.9	17.2	50.1	68.2	-18.1	Peak	Vertical

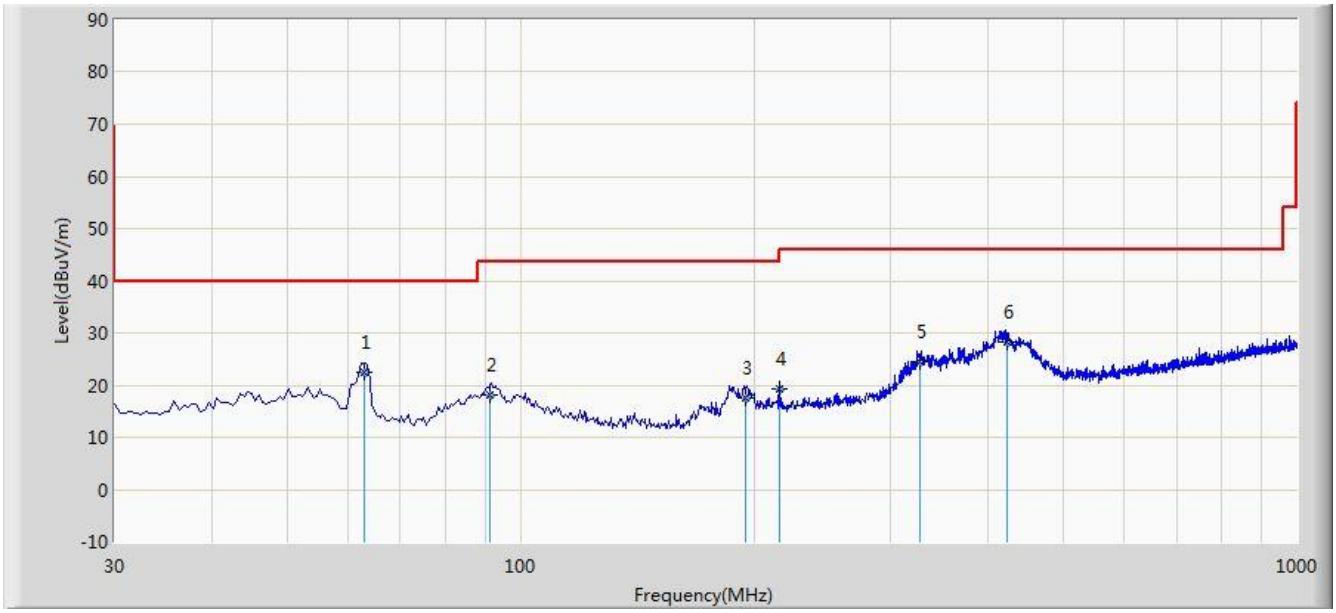
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2019/07/13 - 12:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



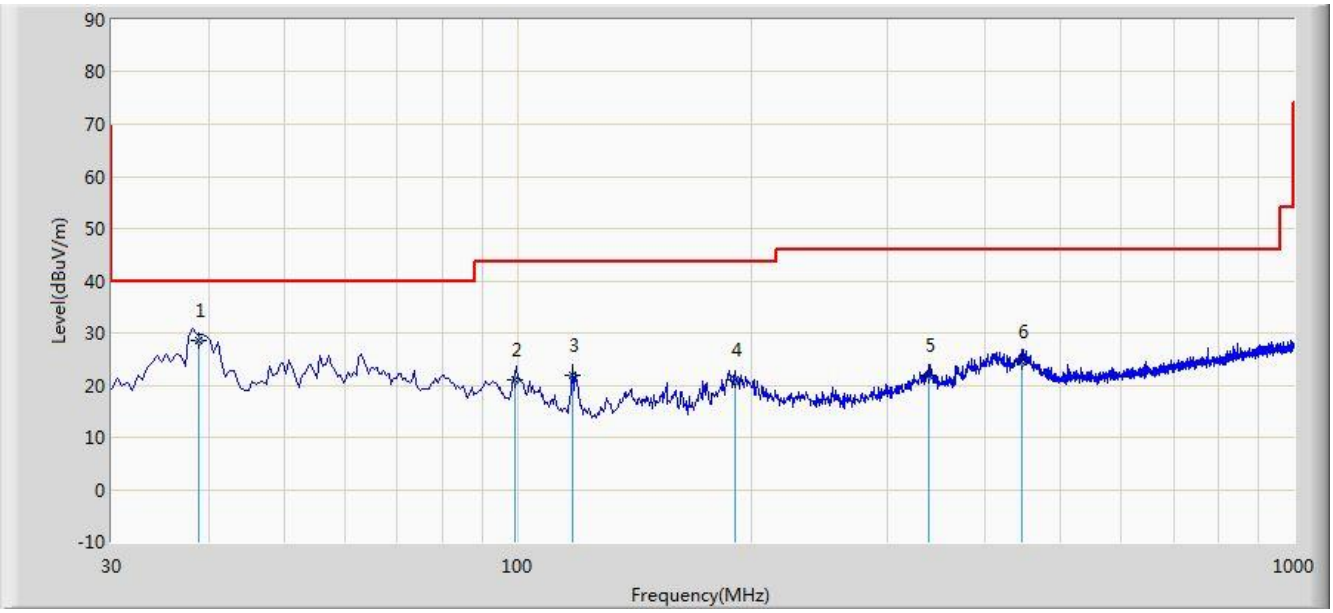
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	62.980	22.585	3.796	-17.415	40.000	18.789	QP
2			91.145	18.146	0.908	-25.354	43.500	17.237	QP
3			194.580	17.649	-1.211	-25.851	43.500	18.860	QP
4			215.440	19.217	0.200	-24.283	43.500	19.018	QP
5			327.470	24.504	2.044	-21.496	46.000	22.460	QP
6			422.980	28.231	4.028	-17.769	46.000	24.203	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report. Besides, there is a comparison data of both open-field test site and alternative test site semi-Anechoic chamber according to KDB 414788 D01 radiated test site v01r01, this comparison result was very similar.

Site: AC1	Time: 2019/07/13 - 12:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst casewithin 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		*	38.840	28.659	8.325	-11.341	40.000	20.334	QP
2			99.480	21.024	1.983	-22.476	43.500	19.041	QP
3			117.598	21.981	3.731	-21.519	43.500	18.250	QP
4			190.480	21.116	2.476	-22.384	43.500	18.641	QP
5			338.970	21.850	-1.054	-24.150	46.000	22.904	QP
6			445.980	24.497	0.050	-21.503	46.000	24.447	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report. Besides, there is a comparison data of both open-field test site and alternative test site semi-Anechoic chamber according to KDB 414788 D01 radiated test site v01r01, this comparison result was very similar.

For APIN0504 - Omni Antenna (AP-ANT-19)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7426.0	34.9	12.5	47.4	54.0	-6.6	Peak	Horizontal
	8378.0	34.2	13.1	47.3	54.0	-6.7	Peak	Horizontal
*	10154.5	33.7	16.4	50.1	68.2	-18.1	Peak	Horizontal
*	13741.5	33.3	21.6	54.9	68.2	-13.3	Peak	Horizontal
	7630.0	34.0	12.8	46.8	54.0	-7.2	Peak	Vertical
	8284.5	33.0	13.1	46.1	54.0	-7.9	Peak	Vertical
*	9644.5	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10435.0	33.2	17.7	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8276.0	32.3	13.1	45.4	54.0	-8.6	Peak	Horizontal
*	8820.0	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	10078.0	32.9	16.1	49.0	68.2	-19.2	Peak	Horizontal
	7468.5	34.4	12.6	47.0	54.0	-7.0	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	8777.5	33.6	13.8	47.4	68.2	-20.8	Peak	Vertical
*	9865.5	33.9	15.5	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7332.5	33.5	12.2	45.7	54.0	-8.3	Peak	Horizontal
	8191.0	33.8	13.0	46.8	54.0	-7.2	Peak	Horizontal
*	8743.5	33.0	13.8	46.8	68.2	-21.4	Peak	Horizontal
*	9959.0	34.9	15.7	50.6	68.2	-17.6	Peak	Horizontal
	7519.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8242.0	35.4	13.0	48.4	54.0	-5.6	Peak	Vertical
*	8879.5	33.9	14.1	48.0	68.2	-20.2	Peak	Vertical
*	9857.0	34.7	15.4	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7664.0	35.3	12.8	48.1	54.0	-5.9	Peak	Horizontal
	8199.5	35.0	13.0	48.0	54.0	-6.0	Peak	Horizontal
*	8769.0	33.9	13.8	47.7	68.2	-20.5	Peak	Horizontal
*	10078.0	32.9	16.1	49.0	68.2	-19.2	Peak	Horizontal
	7545.0	32.9	12.7	45.6	54.0	-8.4	Peak	Vertical
	8165.5	34.3	13.0	47.3	54.0	-6.7	Peak	Vertical
*	8811.5	33.6	13.9	47.5	68.2	-20.7	Peak	Vertical
*	9772.0	33.1	15.2	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7434.5	35.5	12.5	48.0	54.0	-6.0	Peak	Horizontal
	8225.0	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	8837.0	33.9	14.0	47.9	68.2	-20.3	Peak	Horizontal
*	10401.0	33.3	17.5	50.8	68.2	-17.4	Peak	Horizontal
	7502.5	35.3	12.7	48.0	54.0	-6.0	Peak	Vertical
	8267.5	32.5	13.1	45.6	54.0	-8.4	Peak	Vertical
*	9695.5	33.1	15.1	48.2	68.2	-20.0	Peak	Vertical
*	10460.5	31.2	17.8	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7468.5	33.4	12.6	46.0	54.0	-8.0	Peak	Horizontal
	8165.5	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	8854.0	33.3	14.0	47.3	68.2	-20.9	Peak	Horizontal
*	10273.5	33.8	17.0	50.8	68.2	-17.4	Peak	Horizontal
	7485.5	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8131.5	35.3	13.0	48.3	54.0	-5.7	Peak	Vertical
*	8735.0	34.1	13.7	47.8	68.2	-20.4	Peak	Vertical
*	10316.0	33.4	17.2	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11a - Ant 0 + 1	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
	7562.0	35.0	12.7	47.7	54.0	-6.3	Peak	Horizontal
	8318.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	8837.0	35.0	14.0	49.0	68.2	-19.2	Peak	Horizontal
*	9976.0	35.4	15.7	51.1	68.2	-17.1	Peak	Horizontal
	7451.5	35.8	12.6	48.4	54.0	-5.6	Peak	Vertical
	8165.5	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	8820.0	33.9	13.9	47.8	68.2	-20.4	Peak	Vertical
*	9721.0	32.8	15.1	47.9	68.2	-20.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20- Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.7	12.6	47.3	54.0	-6.7	Peak	Horizontal
	8199.5	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9763.5	33.4	15.2	48.6	68.2	-19.6	Peak	Horizontal
*	10299.0	31.8	17.1	48.9	68.2	-19.3	Peak	Horizontal
	7477.0	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8276.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9593.5	33.8	14.8	48.6	68.2	-19.6	Peak	Vertical
*	10290.5	32.6	17.0	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.0	12.5	46.5	54.0	-7.5	Peak	Horizontal
	8225.0	35.1	13.0	48.1	54.0	-5.9	Peak	Horizontal
*	9678.5	35.5	15.0	50.5	68.2	-17.7	Peak	Horizontal
*	10401.0	31.9	17.5	49.4	68.2	-18.8	Peak	Horizontal
	7570.5	34.6	12.7	47.3	54.0	-6.7	Peak	Vertical
	8310.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9755.0	33.7	15.2	48.9	68.2	-19.3	Peak	Vertical
*	10392.5	33.0	17.5	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7417.5	35.0	12.5	47.5	54.0	-6.5	Peak	Horizontal
	8369.5	34.6	13.1	47.7	54.0	-6.3	Peak	Horizontal
*	9619.0	35.3	14.9	50.2	68.2	-18.0	Peak	Horizontal
*	10188.5	33.2	16.6	49.8	68.2	-18.4	Peak	Horizontal
	7672.5	35.5	12.8	48.3	54.0	-5.7	Peak	Vertical
	8267.5	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9840.0	34.7	15.4	50.1	68.2	-18.1	Peak	Vertical
*	10358.5	32.2	17.3	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7417.5	33.6	12.5	46.1	54.0	-7.9	Peak	Horizontal
	8174.0	36.0	13.0	49.0	54.0	-5.0	Peak	Horizontal
*	9772.0	35.3	15.2	50.5	68.2	-17.7	Peak	Horizontal
*	10409.5	33.4	17.6	51.0	68.2	-17.2	Peak	Horizontal
	7468.5	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	8208.0	33.2	13.0	46.2	54.0	-7.8	Peak	Vertical
*	9653.0	33.6	15.0	48.6	68.2	-19.6	Peak	Vertical
*	10265.0	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7409.0	33.9	12.5	46.4	54.0	-7.6	Peak	Horizontal
	8369.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9721.0	32.6	15.1	47.7	68.2	-20.5	Peak	Horizontal
*	10409.5	33.2	17.6	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	32.6	12.7	45.3	54.0	-8.7	Peak	Vertical
	8310.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9636.0	33.6	14.9	48.5	68.2	-19.7	Peak	Vertical
*	10231.0	33.4	16.8	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.0	12.7	45.7	54.0	-8.3	Peak	Horizontal
	8420.5	34.7	13.1	47.8	54.0	-6.2	Peak	Horizontal
*	9695.5	34.4	15.1	49.5	68.2	-18.7	Peak	Horizontal
*	10256.5	33.9	16.9	50.8	68.2	-17.4	Peak	Horizontal
	7536.5	33.6	12.7	46.3	54.0	-7.7	Peak	Vertical
	8420.5	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9636.0	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10460.5	32.1	17.8	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.6	12.7	47.3	54.0	-6.7	Peak	Horizontal
	8208.0	35.8	13.0	48.8	54.0	-5.2	Peak	Horizontal
*	9678.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10409.5	32.8	17.6	50.4	68.2	-17.8	Peak	Horizontal
	7375.0	32.8	12.4	45.2	54.0	-8.8	Peak	Vertical
	8242.0	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	9823.0	32.3	15.4	47.7	68.2	-20.5	Peak	Vertical
*	10443.5	31.5	17.7	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.8	12.7	47.5	54.0	-6.5	Peak	Horizontal
	8386.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9627.5	34.8	14.9	49.7	68.2	-18.5	Peak	Horizontal
*	10214.0	33.4	16.7	50.1	68.2	-18.1	Peak	Horizontal
	7366.5	33.1	12.3	45.4	54.0	-8.6	Peak	Vertical
	8233.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9593.5	33.4	14.8	48.2	68.2	-20.0	Peak	Vertical
*	10324.5	31.6	17.2	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	34.6	12.8	47.4	54.0	-6.6	Peak	Horizontal
	8250.5	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9789.0	34.6	15.3	49.9	68.2	-18.3	Peak	Horizontal
*	10392.5	33.3	17.5	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	32.8	12.7	45.5	54.0	-8.5	Peak	Vertical
	8225.0	32.5	13.0	45.5	54.0	-8.5	Peak	Vertical
*	9653.0	32.6	15.0	47.6	68.2	-20.6	Peak	Vertical
*	10197.0	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.8	12.2	47.0	54.0	-7.0	Peak	Horizontal
	8310.0	32.8	13.1	45.9	54.0	-8.1	Peak	Horizontal
*	9814.5	33.4	15.3	48.7	68.2	-19.5	Peak	Horizontal
*	10460.5	31.2	17.8	49.0	68.2	-19.2	Peak	Horizontal
	7536.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8259.0	34.7	13.0	47.7	54.0	-6.3	Peak	Vertical
*	9653.0	34.8	15.0	49.8	68.2	-18.4	Peak	Vertical
*	10324.5	32.5	17.2	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7553.5	32.2	12.7	44.9	54.0	-9.1	Peak	Horizontal
	8131.5	33.0	13.0	46.0	54.0	-8.0	Peak	Horizontal
*	9721.0	33.0	15.1	48.1	68.2	-20.1	Peak	Horizontal
*	10341.5	32.6	17.3	49.9	68.2	-18.3	Peak	Horizontal
	7502.5	33.3	12.7	46.0	54.0	-8.0	Peak	Vertical
	8361.0	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9695.5	34.2	15.1	49.3	68.2	-18.9	Peak	Vertical
*	10231.0	33.3	16.8	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	34.3	12.8	47.1	54.0	-6.9	Peak	Horizontal
	8199.5	33.7	13.0	46.7	54.0	-7.3	Peak	Horizontal
*	9874.0	33.7	15.5	49.2	68.2	-19.0	Peak	Horizontal
*	10452.0	32.3	17.8	50.1	68.2	-18.1	Peak	Horizontal
	7502.5	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8352.5	33.5	13.1	46.6	54.0	-7.4	Peak	Vertical
*	9653.0	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10443.5	31.3	17.7	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.4	12.7	47.1	54.0	-6.9	Peak	Horizontal
	8378.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9814.5	33.3	15.3	48.6	68.2	-19.6	Peak	Horizontal
*	10443.5	31.5	17.7	49.2	68.2	-19.0	Peak	Horizontal
	7621.5	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8199.5	33.4	13.0	46.4	54.0	-7.6	Peak	Vertical
*	9678.5	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10350.0	32.2	17.3	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8327.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9636.0	33.2	14.9	48.1	68.2	-20.1	Peak	Horizontal
*	10248.0	32.6	16.9	49.5	68.2	-18.7	Peak	Horizontal
	7570.5	33.0	12.7	45.7	54.0	-8.3	Peak	Vertical
	8310.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9874.0	34.9	15.5	50.4	68.2	-17.8	Peak	Vertical
*	10333.0	32.7	17.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7383.5	35.2	12.4	47.6	54.0	-6.4	Peak	Horizontal
	8301.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9636.0	34.6	14.9	49.5	68.2	-18.7	Peak	Horizontal
*	10214.0	33.6	16.7	50.3	68.2	-17.9	Peak	Horizontal
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Vertical
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9857.0	33.3	15.4	48.7	68.2	-19.5	Peak	Vertical
*	10358.5	32.2	17.3	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7392.0	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8327.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9636.0	33.2	14.9	48.1	68.2	-20.1	Peak	Horizontal
*	10248.0	32.6	16.9	49.5	68.2	-18.7	Peak	Horizontal
	7570.5	33.0	12.7	45.7	54.0	-8.3	Peak	Vertical
	8310.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9874.0	34.9	15.5	50.4	68.2	-17.8	Peak	Vertical
*	10333.0	32.7	17.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.1	12.7	45.8	54.0	-8.2	Peak	Horizontal
	8378.0	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9814.5	32.4	15.3	47.7	68.2	-20.5	Peak	Horizontal
*	10358.5	32.4	17.3	49.7	68.2	-18.5	Peak	Horizontal
	7587.5	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8310.0	33.7	13.1	46.8	54.0	-7.2	Peak	Vertical
*	9636.0	34.4	14.9	49.3	68.2	-18.9	Peak	Vertical
*	10350.0	32.9	17.3	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20- Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7349.5	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
	8225.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9882.5	35.2	15.5	50.7	68.2	-17.5	Peak	Horizontal
*	10503.0	33.1	18.0	51.1	68.2	-17.1	Peak	Horizontal
	7604.5	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8395.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9678.5	34.7	15.0	49.7	68.2	-18.5	Peak	Vertical
*	10282.0	34.0	17.0	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7392.0	33.7	12.4	46.1	54.0	-7.9	Peak	Horizontal
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	9797.5	34.4	15.3	49.7	68.2	-18.5	Peak	Horizontal
*	10486.0	33.1	17.9	51.0	68.2	-17.2	Peak	Horizontal
	7596.0	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8199.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9814.5	33.2	15.3	48.5	68.2	-19.7	Peak	Vertical
*	10324.5	32.3	17.2	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.1	12.8	44.9	54.0	-9.1	Peak	Horizontal
	8327.0	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9993.0	32.1	15.7	47.8	68.2	-20.4	Peak	Horizontal
*	10409.5	32.0	17.6	49.6	68.2	-18.6	Peak	Horizontal
	7579.0	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8174.0	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
*	9857.0	33.5	15.4	48.9	68.2	-19.3	Peak	Vertical
*	10443.5	31.9	17.7	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Horizontal
	8242.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9738.0	33.7	15.2	48.9	68.2	-19.3	Peak	Horizontal
*	10392.5	32.5	17.5	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8199.5	32.8	13.0	45.8	54.0	-8.2	Peak	Vertical
*	9814.5	32.8	15.3	48.1	68.2	-20.1	Peak	Vertical
*	10418.0	31.8	17.6	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7528.0	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8429.0	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9721.0	34.6	15.1	49.7	68.2	-18.5	Peak	Horizontal
*	10443.5	31.8	17.7	49.5	68.2	-18.7	Peak	Horizontal
	7434.5	35.1	12.5	47.6	54.0	-6.4	Peak	Vertical
	8157.0	35.2	13.0	48.2	54.0	-5.8	Peak	Vertical
*	9899.5	33.2	15.5	48.7	68.2	-19.5	Peak	Vertical
*	10443.5	31.8	17.7	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.2	12.7	46.9	54.0	-7.1	Peak	Horizontal
	8352.5	32.6	13.1	45.7	54.0	-8.3	Peak	Horizontal
*	9636.0	33.9	14.9	48.8	68.2	-19.4	Peak	Horizontal
*	10409.5	32.4	17.6	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	32.6	12.7	45.3	54.0	-8.7	Peak	Vertical
	8242.0	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	9797.5	33.7	15.3	49.0	68.2	-19.2	Peak	Vertical
*	10307.5	32.5	17.1	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.4	12.7	45.1	54.0	-8.9	Peak	Horizontal
	8276.0	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9593.5	33.4	14.8	48.2	68.2	-20.0	Peak	Horizontal
*	10120.5	33.7	16.3	50.0	68.2	-18.2	Peak	Horizontal
	7477.0	34.0	12.7	46.7	54.0	-7.3	Peak	Vertical
	8131.5	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	10001.5	33.7	15.8	49.5	68.2	-18.7	Peak	Vertical
*	10350.0	33.3	17.3	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7468.5	33.7	12.6	46.3	54.0	-7.7	Peak	Horizontal
	8191.0	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	10035.5	34.2	15.9	50.1	68.2	-18.1	Peak	Horizontal
*	10477.5	32.3	17.9	50.2	68.2	-18.0	Peak	Horizontal
	7545.0	32.4	12.7	45.1	54.0	-8.9	Peak	Vertical
	8446.0	33.8	13.1	46.9	54.0	-7.1	Peak	Vertical
*	9670.0	35.8	15.0	50.8	68.2	-17.4	Peak	Vertical
*	10307.5	33.3	17.1	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.4	12.7	45.1	54.0	-8.9	Peak	Horizontal
	8199.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9857.0	34.2	15.4	49.6	68.2	-18.6	Peak	Horizontal
*	10231.0	34.3	16.8	51.1	68.2	-17.1	Peak	Horizontal
	7536.5	33.4	12.7	46.1	54.0	-7.9	Peak	Vertical
	8352.5	34.1	13.1	47.2	54.0	-6.8	Peak	Vertical
*	9721.0	33.8	15.1	48.9	68.2	-19.3	Peak	Vertical
*	10409.5	32.3	17.6	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	31.7	12.7	44.4	54.0	-9.6	Peak	Horizontal
	8165.5	33.5	13.0	46.5	54.0	-7.5	Peak	Horizontal
*	9636.0	34.0	14.9	48.9	68.2	-19.3	Peak	Horizontal
*	10443.5	32.5	17.7	50.2	68.2	-18.0	Peak	Horizontal
	7596.0	32.0	12.8	44.8	54.0	-9.2	Peak	Vertical
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9780.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10333.0	33.4	17.2	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7417.5	34.0	12.5	46.5	54.0	-7.5	Peak	Horizontal
	8276.0	34.0	13.1	47.1	54.0	-6.9	Peak	Horizontal
*	9814.5	34.5	15.3	49.8	68.2	-18.4	Peak	Horizontal
*	10401.0	34.0	17.5	51.5	68.2	-16.7	Peak	Horizontal
	7596.0	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8352.5	33.4	13.1	46.5	54.0	-7.5	Peak	Vertical
*	9899.5	34.7	15.5	50.2	68.2	-18.0	Peak	Vertical
*	10418.0	33.2	17.6	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8242.0	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9661.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10333.0	33.1	17.2	50.3	68.2	-17.9	Peak	Horizontal
	7417.5	32.0	12.5	44.5	54.0	-9.5	Peak	Vertical
	8216.5	33.6	13.0	46.6	54.0	-7.4	Peak	Vertical
*	9704.0	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical
*	10341.5	32.8	17.3	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8386.5	33.4	13.1	46.5	54.0	-7.5	Peak	Horizontal
*	9678.5	34.9	15.0	49.9	68.2	-18.3	Peak	Horizontal
*	10256.5	33.2	16.9	50.1	68.2	-18.1	Peak	Horizontal
	7596.0	32.1	12.8	44.9	54.0	-9.1	Peak	Vertical
	8250.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9814.5	34.2	15.3	49.5	68.2	-18.7	Peak	Vertical
*	10358.5	32.7	17.3	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.6	12.8	45.4	54.0	-8.6	Peak	Horizontal
	8386.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9695.5	33.2	15.1	48.3	68.2	-19.9	Peak	Horizontal
*	10341.5	33.5	17.3	50.8	68.2	-17.4	Peak	Horizontal
	7519.5	31.8	12.7	44.5	54.0	-9.5	Peak	Vertical
	8208.0	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
*	9874.0	33.9	15.5	49.4	68.2	-18.8	Peak	Vertical
*	10401.0	32.6	17.5	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	31.9	12.8	44.7	54.0	-9.3	Peak	Horizontal
	8386.5	33.1	13.1	46.2	54.0	-7.8	Peak	Horizontal
*	9661.5	33.6	15.0	48.6	68.2	-19.6	Peak	Horizontal
*	10171.5	33.4	16.5	49.9	68.2	-18.3	Peak	Horizontal
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8386.5	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Vertical
*	10222.5	33.1	16.7	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.7	12.3	45.0	54.0	-9.0	Peak	Horizontal
	8386.5	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9678.5	33.6	15.0	48.6	68.2	-19.6	Peak	Horizontal
*	10214.0	33.0	16.7	49.7	68.2	-18.5	Peak	Horizontal
	7587.5	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8318.5	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9814.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10265.0	33.8	16.9	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/01
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.3	12.7	47.0	54.0	-7.0	Peak	Horizontal
	8386.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Horizontal
*	10333.0	32.3	17.2	49.5	68.2	-18.7	Peak	Horizontal
	7536.5	33.1	12.7	45.8	54.0	-8.2	Peak	Vertical
	8242.0	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	9721.0	34.1	15.1	49.2	68.2	-19.0	Peak	Vertical
*	10333.0	32.9	17.2	50.1	68.2	-18.1	Peak	Vertical

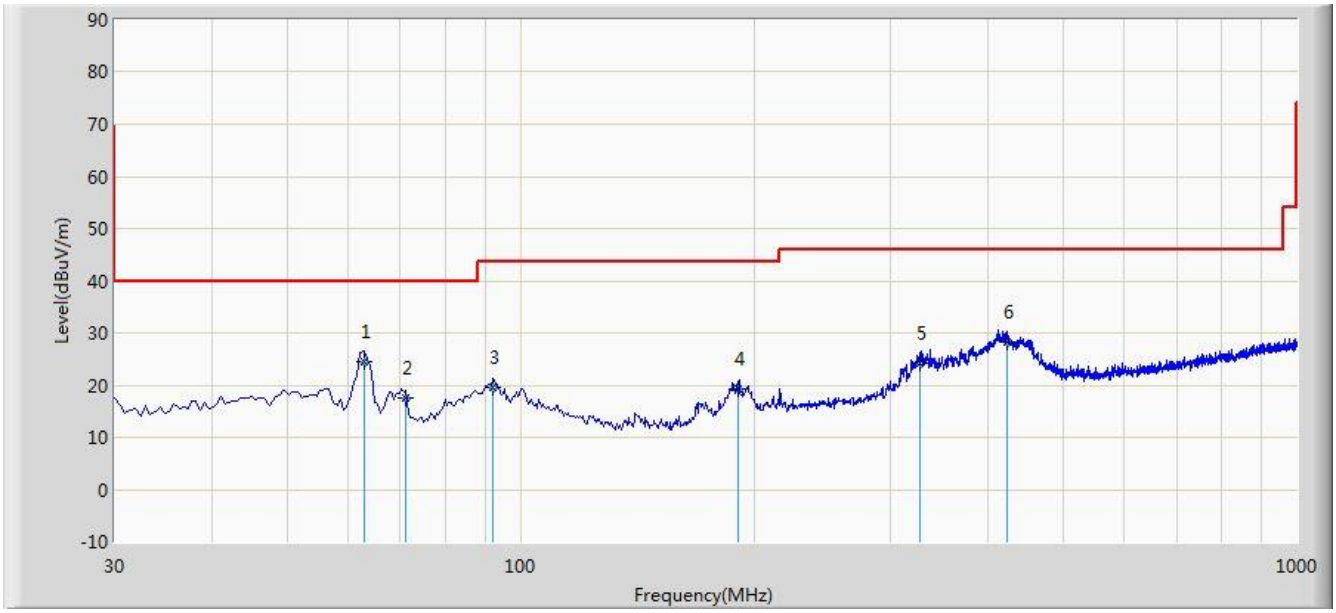
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2019/07/13 - 13:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



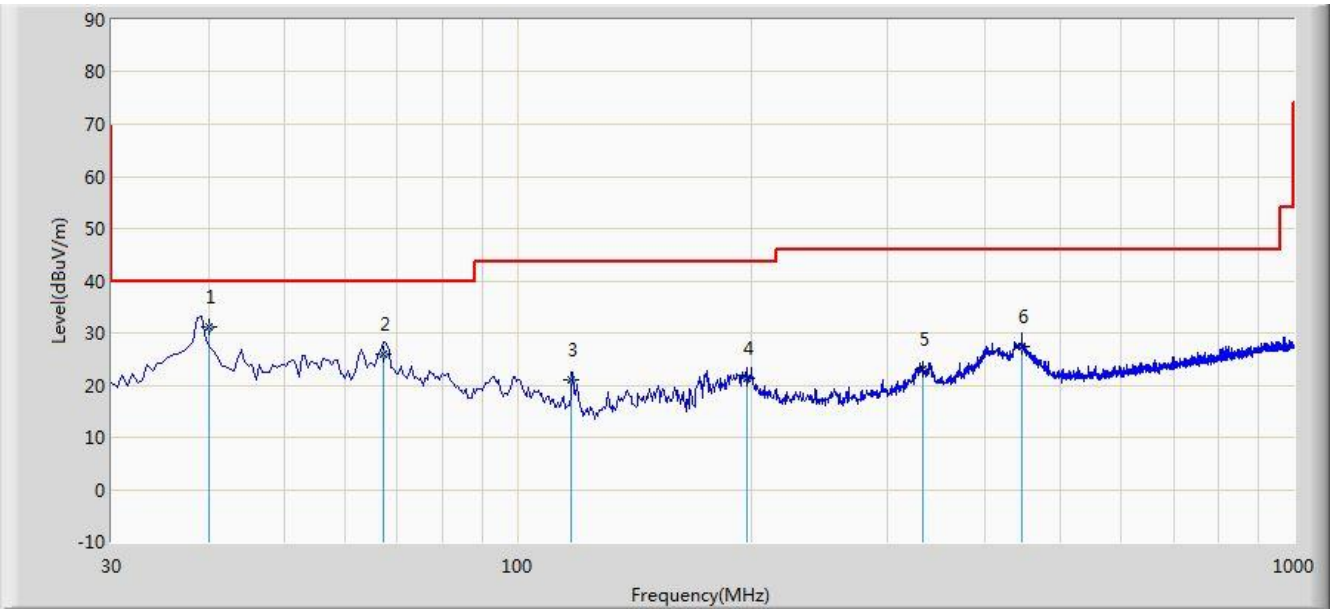
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	62.940	24.359	5.552	-15.641	40.000	18.807	QP
2			71.225	17.415	1.954	-22.585	40.000	15.460	QP
3			92.158	19.588	2.131	-23.912	43.500	17.457	QP
4			191.148	19.154	0.478	-24.346	43.500	18.676	QP
5			326.740	24.281	1.849	-21.719	46.000	22.432	QP
6			422.970	28.231	4.028	-17.769	46.000	24.203	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report. Besides, there is a comparison data of both open-field test site and alternative test site semi-Anechoic chamber according to KDB 414788 D01 radiated test site v01r01, this comparison result was very similar.

Site: AC1	Time: 2019/07/13 - 13:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst casewithin 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		*	39.980	31.265	10.547	-8.735	40.000	20.718	QP
2			67.290	25.826	8.950	-14.174	40.000	16.877	QP
3			117.487	21.020	2.756	-22.480	43.500	18.264	QP
4			197.540	21.432	2.414	-22.068	43.500	19.018	QP
5			332.540	22.986	0.330	-23.014	46.000	22.655	QP
6			446.714	27.524	3.069	-18.476	46.000	24.455	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report. Besides, there is a comparison data of both open-field test site and alternative test site semi-Anechoic chamber according to KDB 414788 D01 radiated test site v01r01, this comparison result was very similar.

For APIN0504 - Directional Antenna (AP-ANT-28)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7426.0	34.9	12.5	47.4	54.0	-6.6	Peak	Horizontal
	8327.0	33.8	13.1	46.9	54.0	-7.1	Peak	Horizontal
*	9678.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10358.5	32.9	17.3	50.2	68.2	-18.0	Peak	Horizontal
	7400.5	33.8	12.4	46.2	54.0	-7.8	Peak	Vertical
	8488.5	33.9	13.2	47.1	54.0	-6.9	Peak	Vertical
*	9755.0	35.6	15.2	50.8	68.2	-17.4	Peak	Vertical
*	10290.5	33.4	17.0	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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	35.8	12.4	48.2	54.0	-5.8	Peak	Horizontal
	8386.5	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9593.5	34.3	14.8	49.1	68.2	-19.1	Peak	Horizontal
*	10528.5	32.8	18.0	50.8	68.2	-17.4	Peak	Horizontal
	7468.5	34.4	12.6	47.0	54.0	-7.0	Peak	Vertical
	8259.0	35.5	13.0	48.5	54.0	-5.5	Peak	Vertical
*	9780.5	35.2	15.3	50.5	68.2	-17.7	Peak	Vertical
*	10214.0	34.2	16.7	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7664.0	32.8	12.8	45.6	54.0	-8.4	Peak	Horizontal
	8089.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9823.0	33.8	15.4	49.2	68.2	-19.0	Peak	Horizontal
*	10520.0	33.1	18.0	51.1	68.2	-17.1	Peak	Horizontal
	7485.5	33.2	12.7	45.9	54.0	-8.1	Peak	Vertical
	8378.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9704.0	34.5	15.1	49.6	68.2	-18.6	Peak	Vertical
*	10214.0	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7468.5	33.8	12.6	46.4	54.0	-7.6	Peak	Horizontal
	8165.5	33.9	13.0	46.9	54.0	-7.1	Peak	Horizontal
*	9755.0	35.0	15.2	50.2	68.2	-18.0	Peak	Horizontal
*	10333.0	33.9	17.2	51.1	68.2	-17.1	Peak	Horizontal
	7545.0	32.9	12.7	45.6	54.0	-8.4	Peak	Vertical
	8454.5	33.8	13.1	46.9	54.0	-7.1	Peak	Vertical
*	9636.0	34.0	14.9	48.9	68.2	-19.3	Peak	Vertical
*	10120.5	33.2	16.3	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7604.5	32.2	12.8	45.0	54.0	-9.0	Peak	Horizontal
	8395.0	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	9721.0	34.6	15.1	49.7	68.2	-18.5	Peak	Horizontal
*	10256.5	34.0	16.9	50.9	68.2	-17.3	Peak	Horizontal
	7672.5	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8497.0	34.5	13.2	47.7	54.0	-6.3	Peak	Vertical
*	9865.5	34.4	15.5	49.9	68.2	-18.3	Peak	Vertical
*	10290.5	34.1	17.0	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7417.5	33.9	12.5	46.4	54.0	-7.6	Peak	Horizontal
	8165.5	34.9	13.0	47.9	54.0	-6.1	Peak	Horizontal
*	9746.5	34.9	15.2	50.1	68.2	-18.1	Peak	Horizontal
*	10273.5	33.8	17.0	50.8	68.2	-17.4	Peak	Horizontal
	7502.5	33.4	12.7	46.1	54.0	-7.9	Peak	Vertical
	8089.0	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	10001.5	34.0	15.8	49.8	68.2	-18.4	Peak	Vertical
*	10265.0	32.3	16.9	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11a - Ant 0 + 1	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
	7638.5	32.7	12.8	45.5	54.0	-8.5	Peak	Horizontal
	8199.5	33.4	13.0	46.4	54.0	-7.6	Peak	Horizontal
*	9593.5	33.2	14.8	48.0	68.2	-20.2	Peak	Horizontal
*	10316.0	32.7	17.2	49.9	68.2	-18.3	Peak	Horizontal
	7443.0	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	8165.5	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	9585.0	34.2	14.8	49.0	68.2	-19.2	Peak	Vertical
*	10035.5	33.0	15.9	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20- Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.2	12.8	45.0	54.0	-9.0	Peak	Horizontal
	8386.5	33.9	13.1	47.0	54.0	-7.0	Peak	Horizontal
*	9636.0	34.7	14.9	49.6	68.2	-18.6	Peak	Horizontal
*	10188.5	32.3	16.6	48.9	68.2	-19.3	Peak	Horizontal
	7604.5	33.0	12.8	45.8	54.0	-8.2	Peak	Vertical
	8310.0	33.7	13.1	46.8	54.0	-7.2	Peak	Vertical
*	9610.5	34.1	14.9	49.0	68.2	-19.2	Peak	Vertical
*	10171.5	33.0	16.5	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	32.6	12.8	45.4	54.0	-8.6	Peak	Horizontal
	8199.5	34.2	13.0	47.2	54.0	-6.8	Peak	Horizontal
*	9678.5	35.5	15.0	50.5	68.2	-17.7	Peak	Horizontal
*	10350.0	33.5	17.3	50.8	68.2	-17.4	Peak	Horizontal
	7570.5	34.6	12.7	47.3	54.0	-6.7	Peak	Vertical
	8199.5	34.0	13.0	47.0	54.0	-7.0	Peak	Vertical
*	9661.5	35.0	15.0	50.0	68.2	-18.2	Peak	Vertical
*	10035.5	32.9	15.9	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	32.5	12.8	45.3	54.0	-8.7	Peak	Horizontal
	8199.5	33.4	13.0	46.4	54.0	-7.6	Peak	Horizontal
*	9678.5	34.3	15.0	49.3	68.2	-18.9	Peak	Horizontal
*	10154.5	32.8	16.4	49.2	68.2	-19.0	Peak	Horizontal
	7341.0	32.5	12.3	44.8	54.0	-9.2	Peak	Vertical
	8131.5	33.4	13.0	46.4	54.0	-7.6	Peak	Vertical
*	10069.5	32.2	16.1	48.3	68.2	-19.9	Peak	Vertical
*	10256.5	31.2	16.9	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.6	12.7	45.3	54.0	-8.7	Peak	Horizontal
	8165.5	34.2	13.0	47.2	54.0	-6.8	Peak	Horizontal
*	9559.5	34.9	14.8	49.7	68.2	-18.5	Peak	Horizontal
*	10401.0	33.1	17.5	50.6	68.2	-17.6	Peak	Horizontal
	7587.5	32.2	12.8	45.0	54.0	-9.0	Peak	Vertical
	8386.5	35.0	13.1	48.1	54.0	-5.9	Peak	Vertical
*	9840.0	34.7	15.4	50.1	68.2	-18.1	Peak	Vertical
*	10120.5	33.0	16.3	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7647.0	34.2	12.8	47.0	54.0	-7.0	Peak	Horizontal
	8310.0	33.0	13.1	46.1	54.0	-7.9	Peak	Horizontal
*	9874.0	33.8	15.5	49.3	68.2	-18.9	Peak	Horizontal
*	10307.5	32.3	17.1	49.4	68.2	-18.8	Peak	Horizontal
	7409.0	33.0	12.5	45.5	54.0	-8.5	Peak	Vertical
	8250.5	34.4	13.0	47.4	54.0	-6.6	Peak	Vertical
*	9644.5	34.8	14.9	49.7	68.2	-18.5	Peak	Vertical
*	10120.5	33.8	16.3	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.8	12.7	46.5	54.0	-7.5	Peak	Horizontal
	8208.0	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	9678.5	34.3	15.0	49.3	68.2	-18.9	Peak	Horizontal
*	10256.5	33.9	16.9	50.8	68.2	-17.4	Peak	Horizontal
	7579.0	32.1	12.8	44.9	54.0	-9.1	Peak	Vertical
	8361.0	33.5	13.1	46.6	54.0	-7.4	Peak	Vertical
*	9551.0	32.9	14.7	47.6	68.2	-20.6	Peak	Vertical
*	9942.0	33.0	15.6	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	12.7	45.2	54.0	-8.8	Peak	Horizontal
	8131.5	33.9	13.0	46.9	54.0	-7.1	Peak	Horizontal
*	9857.0	33.1	15.4	48.5	68.2	-19.7	Peak	Horizontal
*	10214.0	33.7	16.7	50.4	68.2	-17.8	Peak	Horizontal
	7375.0	32.8	12.4	45.2	54.0	-8.8	Peak	Vertical
	8293.0	34.3	13.1	47.4	54.0	-6.6	Peak	Vertical
*	9899.5	34.0	15.5	49.5	68.2	-18.7	Peak	Vertical
*	10265.0	32.9	16.9	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.3	12.8	45.1	54.0	-8.9	Peak	Horizontal
	8284.5	32.6	13.1	45.7	54.0	-8.3	Peak	Horizontal
*	9797.5	32.8	15.3	48.1	68.2	-20.1	Peak	Horizontal
*	10265.0	32.5	16.9	49.4	68.2	-18.8	Peak	Horizontal
	7698.0	32.6	12.8	45.4	54.0	-8.6	Peak	Vertical
	8165.5	33.7	13.0	46.7	54.0	-7.3	Peak	Vertical
*	9814.5	33.2	15.3	48.5	68.2	-19.7	Peak	Vertical
*	10307.5	32.4	17.1	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.3	12.8	45.1	54.0	-8.9	Peak	Horizontal
	8276.0	33.4	13.1	46.5	54.0	-7.5	Peak	Horizontal
*	9729.5	33.3	15.1	48.4	68.2	-19.8	Peak	Horizontal
*	10146.0	32.5	16.4	48.9	68.2	-19.3	Peak	Horizontal
	7570.5	32.0	12.7	44.7	54.0	-9.3	Peak	Vertical
	8276.0	33.1	13.1	46.2	54.0	-7.8	Peak	Vertical
*	9857.0	33.6	15.4	49.0	68.2	-19.2	Peak	Vertical
*	10290.5	32.8	17.0	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8208.0	33.7	13.0	46.7	54.0	-7.3	Peak	Horizontal
*	10078.0	31.2	16.1	47.3	68.2	-20.9	Peak	Horizontal
*	10460.5	31.2	17.8	49.0	68.2	-19.2	Peak	Horizontal
	7621.5	32.3	12.8	45.1	54.0	-8.9	Peak	Vertical
	8140.0	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	9610.5	33.5	14.9	48.4	68.2	-19.8	Peak	Vertical
*	10265.0	32.4	16.9	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7332.5	32.3	12.2	44.5	54.0	-9.5	Peak	Horizontal
	8386.5	34.6	13.1	47.7	54.0	-6.3	Peak	Horizontal
*	9789.0	33.8	15.3	49.1	68.2	-19.1	Peak	Horizontal
*	10443.5	31.6	17.7	49.3	68.2	-18.9	Peak	Horizontal
	7681.0	32.3	12.8	45.1	54.0	-8.9	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9610.5	33.8	14.9	48.7	68.2	-19.5	Peak	Vertical
*	10282.0	32.5	17.0	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7655.5	32.8	12.8	45.6	54.0	-8.4	Peak	Horizontal
	8276.0	33.4	13.1	46.5	54.0	-7.5	Peak	Horizontal
*	9636.0	35.0	14.9	49.9	68.2	-18.3	Peak	Horizontal
*	10120.5	33.8	16.3	50.1	68.2	-18.1	Peak	Horizontal
	7502.5	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8437.5	33.9	13.1	47.0	54.0	-7.0	Peak	Vertical
*	9950.5	34.3	15.6	49.9	68.2	-18.3	Peak	Vertical
*	10460.5	32.1	17.8	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	32.3	12.8	45.1	54.0	-8.9	Peak	Horizontal
	8242.0	32.6	13.0	45.6	54.0	-8.4	Peak	Horizontal
*	9593.5	33.0	14.8	47.8	68.2	-20.4	Peak	Horizontal
*	10265.0	31.8	16.9	48.7	68.2	-19.5	Peak	Horizontal
	7366.5	32.7	12.3	45.0	54.0	-9.0	Peak	Vertical
	8165.5	33.5	13.0	46.5	54.0	-7.5	Peak	Vertical
*	9848.5	33.5	15.4	48.9	68.2	-19.3	Peak	Vertical
*	10443.5	31.1	17.7	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	12.7	45.6	54.0	-8.4	Peak	Horizontal
	8276.0	32.8	13.1	45.9	54.0	-8.1	Peak	Horizontal
*	9721.0	33.2	15.1	48.3	68.2	-19.9	Peak	Horizontal
*	10350.0	32.7	17.3	50.0	68.2	-18.2	Peak	Horizontal
	7426.0	35.5	12.5	48.0	54.0	-6.0	Peak	Vertical
	8412.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9729.5	33.5	15.1	48.6	68.2	-19.6	Peak	Vertical
*	10392.5	33.0	17.5	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.1	12.5	46.6	54.0	-7.4	Peak	Horizontal
	8463.0	32.1	13.1	45.2	54.0	-8.8	Peak	Horizontal
*	9576.5	32.4	14.8	47.2	68.2	-21.0	Peak	Horizontal
*	10316.0	31.7	17.2	48.9	68.2	-19.3	Peak	Horizontal
	7587.5	33.1	12.8	45.9	54.0	-8.1	Peak	Vertical
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9678.5	33.4	15.0	48.4	68.2	-19.8	Peak	Vertical
*	10375.5	31.4	17.4	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	12.7	45.6	54.0	-8.4	Peak	Horizontal
	8276.0	32.8	13.1	45.9	54.0	-8.1	Peak	Horizontal
*	9721.0	33.2	15.1	48.3	68.2	-19.9	Peak	Horizontal
*	10350.0	32.7	17.3	50.0	68.2	-18.2	Peak	Horizontal
	7426.0	35.5	12.5	48.0	54.0	-6.0	Peak	Vertical
	8412.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9729.5	33.5	15.1	48.6	68.2	-19.6	Peak	Vertical
*	10392.5	33.0	17.5	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7706.5	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8174.0	33.2	13.0	46.2	54.0	-7.8	Peak	Horizontal
*	9678.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	10401.0	31.4	17.5	48.9	68.2	-19.3	Peak	Horizontal
	7341.0	32.8	12.3	45.1	54.0	-8.9	Peak	Vertical
	8250.5	34.4	13.0	47.4	54.0	-6.6	Peak	Vertical
*	9636.0	34.4	14.9	49.3	68.2	-18.9	Peak	Vertical
*	10214.0	33.5	16.7	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20- Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7349.5	33.1	12.3	45.4	54.0	-8.6	Peak	Horizontal
	8327.0	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9823.0	34.6	15.4	50.0	68.2	-18.2	Peak	Horizontal
*	10273.5	33.4	17.0	50.4	68.2	-17.8	Peak	Horizontal
	7570.5	32.9	12.7	45.6	54.0	-8.4	Peak	Vertical
	8327.0	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9797.5	35.0	15.3	50.3	68.2	-17.9	Peak	Vertical
*	10282.0	34.0	17.0	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.5	12.7	47.2	54.0	-6.8	Peak	Horizontal
	8293.0	34.4	13.1	47.5	54.0	-6.5	Peak	Horizontal
*	9976.0	35.0	15.7	50.7	68.2	-17.5	Peak	Horizontal
*	10350.0	33.2	17.3	50.5	68.2	-17.7	Peak	Horizontal
	7596.0	32.5	12.8	45.3	54.0	-8.7	Peak	Vertical
	8165.5	33.6	13.0	46.6	54.0	-7.4	Peak	Vertical
*	9848.5	34.0	15.4	49.4	68.2	-18.8	Peak	Vertical
*	10307.5	33.7	17.1	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7298.5	32.5	12.1	44.6	54.0	-9.4	Peak	Horizontal
	8097.5	33.2	13.0	46.2	54.0	-7.8	Peak	Horizontal
*	9772.0	34.3	15.2	49.5	68.2	-18.7	Peak	Horizontal
*	10537.0	32.2	18.1	50.3	68.2	-17.9	Peak	Horizontal
	7613.0	32.4	12.8	45.2	54.0	-8.8	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9636.0	33.4	14.9	48.3	68.2	-19.9	Peak	Vertical
*	10265.0	32.4	16.9	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7332.5	32.3	12.2	44.5	54.0	-9.5	Peak	Horizontal
	8250.5	33.3	13.0	46.3	54.0	-7.7	Peak	Horizontal
*	9721.0	32.8	15.1	47.9	68.2	-20.3	Peak	Horizontal
*	10528.5	31.4	18.0	49.4	68.2	-18.8	Peak	Horizontal
	7562.0	32.3	12.7	45.0	54.0	-9.0	Peak	Vertical
	8165.5	33.1	13.0	46.1	54.0	-7.9	Peak	Vertical
*	10018.5	32.4	15.8	48.2	68.2	-20.0	Peak	Vertical
*	10222.5	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7536.5	32.3	12.7	45.0	54.0	-9.0	Peak	Horizontal
	8276.0	32.5	13.1	45.6	54.0	-8.4	Peak	Horizontal
*	9602.0	32.7	14.9	47.6	68.2	-20.6	Peak	Horizontal
*	10078.0	32.4	16.1	48.5	68.2	-19.7	Peak	Horizontal
	7604.5	32.3	12.8	45.1	54.0	-8.9	Peak	Vertical
	8165.5	33.4	13.0	46.4	54.0	-7.6	Peak	Vertical
*	9687.0	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10265.0	32.5	16.9	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.5	12.7	45.2	54.0	-8.8	Peak	Horizontal
	8310.0	33.2	13.1	46.3	54.0	-7.7	Peak	Horizontal
*	9823.0	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
*	10469.0	32.5	17.8	50.3	68.2	-17.9	Peak	Horizontal
	7324.0	34.6	12.2	46.8	54.0	-7.2	Peak	Vertical
	8191.0	34.6	13.0	47.6	54.0	-6.4	Peak	Vertical
*	9644.5	34.3	14.9	49.2	68.2	-19.0	Peak	Vertical
*	10197.0	32.7	16.6	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.4	12.7	46.1	54.0	-7.9	Peak	Horizontal
	8378.0	34.0	13.1	47.1	54.0	-6.9	Peak	Horizontal
*	9636.0	34.1	14.9	49.0	68.2	-19.2	Peak	Horizontal
*	10265.0	32.3	16.9	49.2	68.2	-19.0	Peak	Horizontal
	7681.0	32.3	12.8	45.1	54.0	-8.9	Peak	Vertical
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	10044.0	34.2	16.0	50.2	68.2	-18.0	Peak	Vertical
*	10265.0	34.0	16.9	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.0	12.7	45.7	54.0	-8.3	Peak	Horizontal
	8437.5	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9636.0	34.3	14.9	49.2	68.2	-19.0	Peak	Horizontal
*	10477.5	32.3	17.9	50.2	68.2	-18.0	Peak	Horizontal
	7443.0	32.8	12.6	45.4	54.0	-8.6	Peak	Vertical
	8225.0	33.7	13.0	46.7	54.0	-7.3	Peak	Vertical
*	9721.0	34.0	15.1	49.1	68.2	-19.1	Peak	Vertical
*	10307.5	33.3	17.1	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.2	12.8	45.0	54.0	-9.0	Peak	Horizontal
	8199.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9899.5	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	10231.0	34.3	16.8	51.1	68.2	-17.1	Peak	Horizontal
	7621.5	32.0	12.8	44.8	54.0	-9.2	Peak	Vertical
	8276.0	33.1	13.1	46.2	54.0	-7.8	Peak	Vertical
*	9670.0	34.0	15.0	49.0	68.2	-19.2	Peak	Vertical
*	10333.0	33.9	17.2	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	31.7	12.7	44.4	54.0	-9.6	Peak	Horizontal
	8267.5	33.2	13.1	46.3	54.0	-7.7	Peak	Horizontal
*	9636.0	34.0	14.9	48.9	68.2	-19.3	Peak	Horizontal
*	10443.5	32.5	17.7	50.2	68.2	-18.0	Peak	Horizontal
	7400.5	34.1	12.4	46.5	54.0	-7.5	Peak	Vertical
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9780.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10333.0	33.4	17.2	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7596.0	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8199.5	33.1	13.0	46.1	54.0	-7.9	Peak	Horizontal
*	9967.5	34.6	15.7	50.3	68.2	-17.9	Peak	Horizontal
*	10401.0	34.0	17.5	51.5	68.2	-16.7	Peak	Horizontal
	7468.5	34.2	12.6	46.8	54.0	-7.2	Peak	Vertical
	8174.0	35.2	13.0	48.2	54.0	-5.8	Peak	Vertical
*	9899.5	34.7	15.5	50.2	68.2	-18.0	Peak	Vertical
*	10350.0	33.2	17.3	50.5	68.2	-17.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.5	12.8	45.3	54.0	-8.7	Peak	Horizontal
	8318.5	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9661.5	34.5	15.0	49.5	68.2	-18.7	Peak	Horizontal
*	9950.5	34.6	15.6	50.2	68.2	-18.0	Peak	Horizontal
	7553.5	32.2	12.7	44.9	54.0	-9.1	Peak	Vertical
	8352.5	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	9619.0	33.7	14.9	48.6	68.2	-19.6	Peak	Vertical
*	10350.0	32.6	17.3	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.0	12.8	44.8	54.0	-9.2	Peak	Horizontal
	8165.5	35.2	13.0	48.2	54.0	-5.8	Peak	Horizontal
*	9848.5	35.0	15.4	50.4	68.2	-17.8	Peak	Horizontal
*	10341.5	32.8	17.3	50.1	68.2	-18.1	Peak	Horizontal
	7596.0	32.1	12.8	44.9	54.0	-9.1	Peak	Vertical
	8250.5	34.2	13.0	47.2	54.0	-6.8	Peak	Vertical
*	9831.5	34.8	15.4	50.2	68.2	-18.0	Peak	Vertical
*	10282.0	33.7	17.0	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7400.5	32.9	12.4	45.3	54.0	-8.7	Peak	Horizontal
	8429.0	34.8	13.1	47.9	54.0	-6.1	Peak	Horizontal
*	9644.5	35.5	14.9	50.4	68.2	-17.8	Peak	Horizontal
*	10341.5	33.5	17.3	50.8	68.2	-17.4	Peak	Horizontal
	7434.5	33.9	12.5	46.4	54.0	-7.6	Peak	Vertical
	8446.0	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9967.5	34.5	15.7	50.2	68.2	-18.0	Peak	Vertical
*	10265.0	32.9	16.9	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	31.9	12.8	44.7	54.0	-9.3	Peak	Horizontal
	8165.5	33.6	13.0	46.6	54.0	-7.4	Peak	Horizontal
*	9899.5	34.1	15.5	49.6	68.2	-18.6	Peak	Horizontal
*	10426.5	32.8	17.6	50.4	68.2	-17.8	Peak	Horizontal
	7528.0	33.5	12.7	46.2	54.0	-7.8	Peak	Vertical
	8165.5	34.8	13.0	47.8	54.0	-6.2	Peak	Vertical
*	9619.0	35.6	14.9	50.5	68.2	-17.7	Peak	Vertical
*	10214.0	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.4	12.7	47.1	54.0	-6.9	Peak	Horizontal
	8420.5	34.1	13.1	47.2	54.0	-6.8	Peak	Horizontal
*	9687.0	34.6	15.0	49.6	68.2	-18.6	Peak	Horizontal
*	10273.5	33.2	17.0	50.2	68.2	-18.0	Peak	Horizontal
	7485.5	34.0	12.7	46.7	54.0	-7.3	Peak	Vertical
	8318.5	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9814.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10265.0	33.8	16.9	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/07/12
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.4	12.8	45.2	54.0	-8.8	Peak	Horizontal
	8369.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9627.5	34.6	14.9	49.5	68.2	-18.7	Peak	Horizontal
*	10503.0	33.0	18.0	51.0	68.2	-17.2	Peak	Horizontal
	7681.0	34.0	12.8	46.8	54.0	-7.2	Peak	Vertical
	8242.0	35.1	13.0	48.1	54.0	-5.9	Peak	Vertical
*	9797.5	34.6	15.3	49.9	68.2	-18.3	Peak	Vertical
*	10401.0	32.6	17.5	50.1	68.2	-18.1	Peak	Vertical

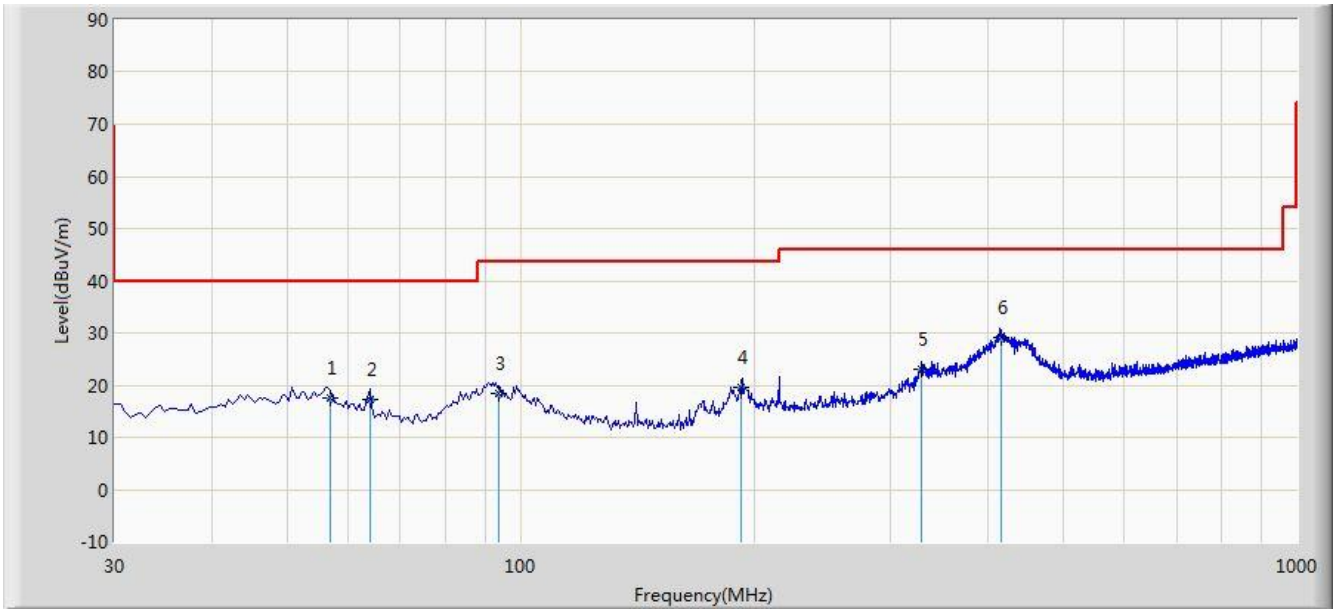
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2019/07/13 - 13:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst casewithin frequency range 30MHz~1GHz.	



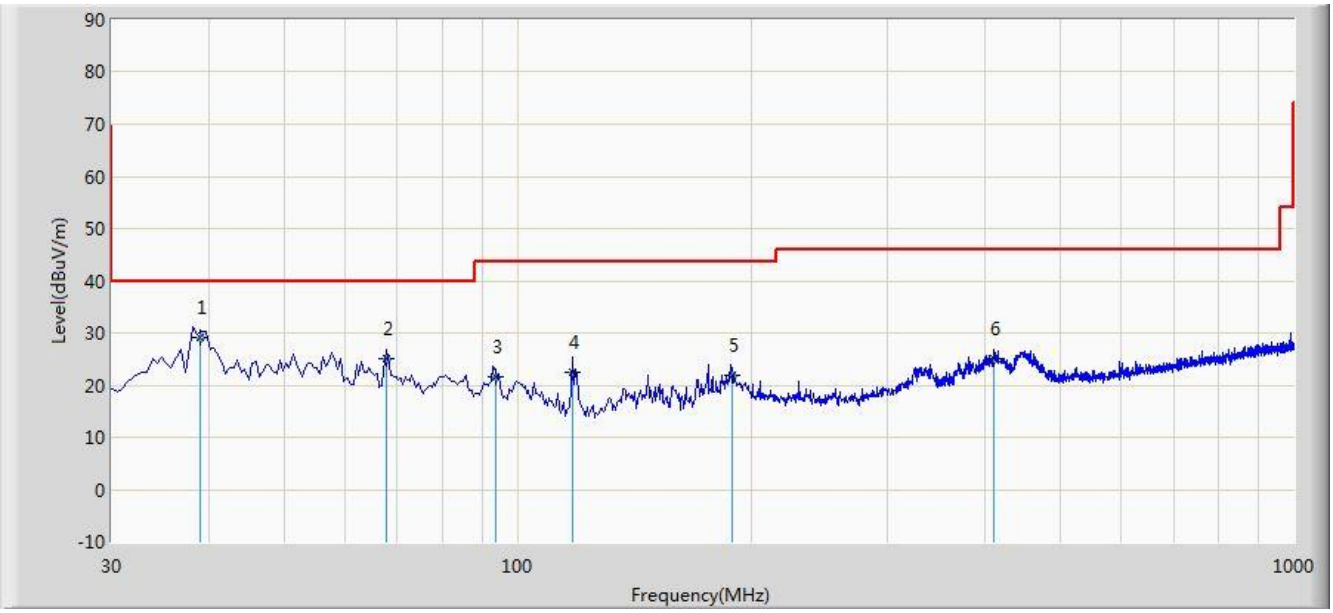
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			56.790	17.564	-3.105	-22.436	40.000	20.669	QP
2			63.950	17.376	-0.983	-22.624	40.000	18.359	QP
3			93.640	18.538	0.761	-24.962	43.500	17.777	QP
4			192.680	19.702	0.944	-23.798	43.500	18.758	QP
5		*	328.394	22.982	0.487	-23.018	46.000	22.495	QP
6			415.700	29.217	5.091	-16.783	46.000	24.125	QP

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

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

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

Site: AC1	Time: 2019/07/13 - 13:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst casewithin 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		*	38.940	29.078	8.708	-10.922	40.000	20.371	QP
2			67.890	25.059	8.449	-14.941	40.000	16.610	QP
3			93.598	21.487	3.719	-22.013	43.500	17.768	QP
4			117.970	22.594	4.391	-20.906	43.500	18.203	QP
5			188.940	21.882	3.440	-21.618	43.500	18.442	QP
6			410.590	25.179	1.107	-20.821	46.000	24.072	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report. Besides, there is a comparison data of both open-field test site and alternative test site semi-Anechoic chamber according to KDB 414788 D01 radiated test site v01r01, this comparison result was very similar.

For APIN0505

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
*	9729.5	36.7	14.4	51.1	68.2	-17.1	Peak	Horizontal
*	10375.5	34.0	16.5	50.5	68.2	-17.7	Peak	Horizontal
	11514.5	34.5	18.0	52.5	54.0	-1.5	Peak	Horizontal
	12305.0	32.7	17.8	50.5	54.0	-3.5	Peak	Horizontal
*	8718.0	34.8	13.0	47.8	68.2	-20.4	Peak	Vertical
*	10197.0	34.0	15.9	49.9	68.2	-18.3	Peak	Vertical
	11183.0	33.2	17.4	50.6	54.0	-3.4	Peak	Vertical
	11795.0	32.3	17.9	50.2	54.0	-3.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7443.0	35.4	12.6	48.0	54.0	-6.0	Peak	Horizontal
	8276.0	35.0	13.1	48.1	54.0	-5.9	Peak	Horizontal
*	9814.5	34.6	15.3	49.9	68.2	-18.3	Peak	Horizontal
*	10401.0	33.0	17.5	50.5	68.2	-17.7	Peak	Horizontal
	7647.0	34.6	12.8	47.4	54.0	-6.6	Peak	Vertical
	8327.0	34.6	13.1	47.7	54.0	-6.3	Peak	Vertical
*	9814.5	34.9	15.3	50.2	68.2	-18.0	Peak	Vertical
*	10443.5	32.9	17.7	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7570.5	35.3	12.7	48.0	54.0	-6.0	Peak	Horizontal
	8208.0	35.5	13.0	48.5	54.0	-5.5	Peak	Horizontal
*	8811.5	34.4	13.9	48.3	68.2	-19.9	Peak	Horizontal
*	10112.0	34.7	16.3	51.0	68.2	-17.2	Peak	Horizontal
	7494.0	35.5	12.7	48.2	54.0	-5.8	Peak	Vertical
	8318.5	34.5	13.1	47.6	54.0	-6.4	Peak	Vertical
*	9763.5	33.2	15.2	48.4	68.2	-19.8	Peak	Vertical
*	10316.0	32.7	17.2	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7494.0	35.5	12.7	48.2	54.0	-5.8	Peak	Horizontal
	8344.0	35.2	13.1	48.3	54.0	-5.7	Peak	Horizontal
*	10018.5	35.2	15.8	51.0	68.2	-17.2	Peak	Horizontal
*	10520.0	33.4	18.0	51.4	68.2	-16.8	Peak	Horizontal
	7451.5	35.4	12.6	48.0	54.0	-6.0	Peak	Vertical
	8301.5	33.7	13.1	46.8	54.0	-7.2	Peak	Vertical
*	8752.0	33.4	13.8	47.2	68.2	-21.0	Peak	Vertical
*	10171.5	33.2	16.5	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7451.5	35.4	12.6	48.0	54.0	-6.0	Peak	Horizontal
	8242.0	34.4	13.0	47.4	54.0	-6.6	Peak	Horizontal
*	8777.5	34.5	13.8	48.3	68.2	-19.9	Peak	Horizontal
*	9772.0	34.1	15.2	49.3	68.2	-18.9	Peak	Horizontal
	7358.0	35.8	12.3	48.1	54.0	-5.9	Peak	Vertical
	8276.0	32.9	13.1	46.0	54.0	-8.0	Peak	Vertical
*	8854.0	33.0	14.0	47.0	68.2	-21.2	Peak	Vertical
*	9916.5	33.6	15.6	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7400.5	35.4	12.4	47.8	54.0	-6.2	Peak	Horizontal
	8395.0	34.9	13.1	48.0	54.0	-6.0	Peak	Horizontal
*	8794.5	33.7	13.9	47.6	68.2	-20.6	Peak	Horizontal
*	10129.0	34.2	16.3	50.5	68.2	-17.7	Peak	Horizontal
	7698.0	34.7	12.8	47.5	54.0	-6.5	Peak	Vertical
	8488.5	35.2	13.2	48.4	54.0	-5.6	Peak	Vertical
*	10103.5	33.5	16.2	49.7	68.2	-18.5	Peak	Vertical
*	10401.0	32.9	17.5	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11a - Ant 0 + 1	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
	7630.0	34.6	12.8	47.4	54.0	-6.6	Peak	Horizontal
	8429.0	34.5	13.1	47.6	54.0	-6.4	Peak	Horizontal
*	8701.0	35.2	13.6	48.8	68.2	-19.4	Peak	Horizontal
*	9891.0	33.3	15.5	48.8	68.2	-19.4	Peak	Horizontal
	7613.0	34.6	12.8	47.4	54.0	-6.6	Peak	Vertical
	8318.5	35.5	13.1	48.6	54.0	-5.4	Peak	Vertical
*	8735.0	33.8	13.7	47.5	68.2	-20.7	Peak	Vertical
*	9899.5	33.5	15.5	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20- Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.3	12.7	47.0	54.0	-7.0	Peak	Horizontal
	8310.0	33.0	13.1	46.1	54.0	-7.9	Peak	Horizontal
*	9721.0	33.1	15.1	48.2	68.2	-20.0	Peak	Horizontal
*	10290.5	32.3	17.0	49.3	68.2	-18.9	Peak	Horizontal
	12041.5	30.5	18.8	49.3	54.0	-4.7	Peak	Vertical
	15773.0	31.1	21.0	52.1	54.0	-1.9	Peak	Vertical
*	8871.0	34.1	14.1	48.2	68.2	-20.0	Peak	Vertical
*	10069.5	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.1	12.7	46.8	54.0	-7.2	Peak	Horizontal
	8310.0	32.1	13.1	45.2	54.0	-8.8	Peak	Horizontal
*	9593.5	32.1	14.8	46.9	68.2	-21.3	Peak	Horizontal
*	10248.0	31.4	16.9	48.3	68.2	-19.9	Peak	Horizontal
	7383.5	34.4	12.4	46.8	54.0	-7.2	Peak	Vertical
	8361.0	32.1	13.1	45.2	54.0	-8.8	Peak	Vertical
*	9687.0	33.2	15.0	48.2	68.2	-20.0	Peak	Vertical
*	10197.0	32.3	16.6	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.2	12.6	46.8	54.0	-7.2	Peak	Horizontal
	8327.0	32.4	13.1	45.5	54.0	-8.5	Peak	Horizontal
*	9704.0	32.3	15.1	47.4	68.2	-20.8	Peak	Horizontal
*	10273.5	32.0	17.0	49.0	68.2	-19.2	Peak	Horizontal
	7451.5	34.8	12.6	47.4	54.0	-6.6	Peak	Vertical
	8361.0	32.8	13.1	45.9	54.0	-8.1	Peak	Vertical
*	9814.5	32.2	15.3	47.5	68.2	-20.7	Peak	Vertical
*	10409.5	30.9	17.6	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.4	12.7	47.1	54.0	-6.9	Peak	Horizontal
	8403.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	10120.5	31.9	16.3	48.2	68.2	-20.0	Peak	Horizontal
*	13121.0	30.9	19.9	50.8	68.2	-17.4	Peak	Horizontal
	8199.5	34.1	13.0	47.1	54.0	-6.9	Peak	Vertical
	9075.0	32.8	14.4	47.2	54.0	-6.8	Peak	Vertical
*	9857.0	32.7	15.4	48.1	68.2	-20.1	Peak	Vertical
*	12942.5	31.8	19.4	51.2	68.2	-17.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	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
	7664.0	33.7	12.8	46.5	54.0	-7.5	Peak	Horizontal
	8310.0	33.0	13.1	46.1	54.0	-7.9	Peak	Horizontal
*	9882.5	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	10409.5	32.4	17.6	50.0	68.2	-18.2	Peak	Horizontal
	7613.0	34.2	12.8	47.0	54.0	-7.0	Peak	Vertical
	8276.0	33.3	13.1	46.4	54.0	-7.6	Peak	Vertical
*	9857.0	32.5	15.4	47.9	68.2	-20.3	Peak	Vertical
*	13002.0	29.0	19.5	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8140.0	34.7	13.0	47.7	54.0	-6.3	Peak	Horizontal
	8420.5	33.3	13.1	46.4	54.0	-7.6	Peak	Horizontal
*	9738.0	34.1	15.2	49.3	68.2	-18.9	Peak	Horizontal
*	13138.0	32.0	19.9	51.9	68.2	-16.3	Peak	Horizontal
	7494.0	34.4	12.7	47.1	54.0	-6.9	Peak	Vertical
	8318.5	33.6	13.1	46.7	54.0	-7.3	Peak	Vertical
*	8811.5	32.7	13.9	46.6	68.2	-21.6	Peak	Vertical
*	10222.5	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7638.5	33.4	12.8	46.2	54.0	-7.8	Peak	Horizontal
	8386.5	32.2	13.1	45.3	54.0	-8.7	Peak	Horizontal
*	9891.0	34.9	15.5	50.4	68.2	-17.8	Peak	Horizontal
*	12985.0	31.6	19.5	51.1	68.2	-17.1	Peak	Horizontal
	7485.5	33.6	12.7	46.3	54.0	-7.7	Peak	Vertical
	8344.0	35.5	13.1	48.6	54.0	-5.4	Peak	Vertical
*	9763.5	35.3	15.2	50.5	68.2	-17.7	Peak	Vertical
*	13019.0	33.0	19.6	52.6	68.2	-15.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7400.5	33.8	12.4	46.2	54.0	-7.8	Peak	Horizontal
	8250.5	32.8	13.0	45.8	54.0	-8.2	Peak	Horizontal
*	10078.0	32.3	16.1	48.4	68.2	-19.8	Peak	Horizontal
*	10494.5	31.4	17.9	49.3	68.2	-18.9	Peak	Horizontal
	7366.5	34.7	12.3	47.0	54.0	-7.0	Peak	Vertical
	8429.0	33.0	13.1	46.1	54.0	-7.9	Peak	Vertical
*	10035.5	32.4	15.9	48.3	68.2	-19.9	Peak	Vertical
*	12959.5	31.5	19.4	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.6	12.7	47.3	54.0	-6.7	Peak	Horizontal
	8250.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	10265.0	31.9	16.9	48.8	68.2	-19.4	Peak	Horizontal
*	12849.0	30.9	19.1	50.0	68.2	-18.2	Peak	Horizontal
	7434.5	33.3	12.5	45.8	54.0	-8.2	Peak	Vertical
	8259.0	33.2	13.0	46.2	54.0	-7.8	Peak	Vertical
*	10171.5	33.9	16.5	50.4	68.2	-17.8	Peak	Vertical
*	12908.5	32.2	19.3	51.5	68.2	-16.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7392.0	34.1	12.4	46.5	54.0	-7.5	Peak	Horizontal
	8131.5	34.1	13.0	47.1	54.0	-6.9	Peak	Horizontal
*	10027.0	35.2	15.9	51.1	68.2	-17.1	Peak	Horizontal
*	10350.0	32.4	17.3	49.7	68.2	-18.5	Peak	Horizontal
	7400.5	34.6	12.4	47.0	54.0	-7.0	Peak	Vertical
	8369.5	34.0	13.1	47.1	54.0	-6.9	Peak	Vertical
*	9814.5	33.7	15.3	49.0	68.2	-19.2	Peak	Vertical
*	10443.5	31.4	17.7	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	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
	7341.0	33.7	12.3	46.0	54.0	-8.0	Peak	Horizontal
	8318.5	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9721.0	34.3	15.1	49.4	68.2	-18.8	Peak	Horizontal
*	13112.5	33.1	19.8	52.9	68.2	-15.3	Peak	Horizontal
	7502.5	32.7	12.7	45.4	54.0	-8.6	Peak	Vertical
	8429.0	34.3	13.1	47.4	54.0	-6.6	Peak	Vertical
*	9857.0	33.5	15.4	48.9	68.2	-19.3	Peak	Vertical
*	13087.0	31.3	19.8	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	33.5	12.7	46.2	54.0	-7.8	Peak	Horizontal
	8165.5	33.8	13.0	46.8	54.0	-7.2	Peak	Horizontal
*	9814.5	35.0	15.3	50.3	68.2	-17.9	Peak	Horizontal
*	13044.5	30.9	19.6	50.5	68.2	-17.7	Peak	Horizontal
	7511.0	33.8	12.7	46.5	54.0	-7.5	Peak	Vertical
	8318.5	33.1	13.1	46.2	54.0	-7.8	Peak	Vertical
*	9831.5	31.8	15.4	47.2	68.2	-21.0	Peak	Vertical
*	12968.0	31.0	19.4	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7468.5	35.1	12.6	47.7	54.0	-6.3	Peak	Horizontal
	8276.0	32.8	13.1	45.9	54.0	-8.1	Peak	Horizontal
*	9721.0	33.7	15.1	48.8	68.2	-19.4	Peak	Horizontal
*	10299.0	31.3	17.1	48.4	68.2	-19.8	Peak	Horizontal
	7485.5	35.1	11.9	47.0	54.0	-7.0	Peak	Vertical
	8250.5	34.8	12.3	47.1	54.0	-6.9	Peak	Vertical
*	9678.5	32.9	15.4	48.3	68.2	-19.9	Peak	Vertical
*	9993.0	33.3	16.1	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7468.5	33.2	12.6	45.8	54.0	-8.2	Peak	Horizontal
	8267.5	34.3	13.1	47.4	54.0	-6.6	Peak	Horizontal
*	10163.0	34.0	16.5	50.5	68.2	-17.7	Peak	Horizontal
*	13129.5	31.6	19.9	51.5	68.2	-16.7	Peak	Horizontal
	7502.5	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8386.5	32.9	13.1	46.0	54.0	-8.0	Peak	Vertical
*	9746.5	34.8	15.2	50.0	68.2	-18.2	Peak	Vertical
*	12934.0	30.3	19.3	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7366.5	33.2	12.3	45.5	54.0	-8.5	Peak	Horizontal
	7570.5	33.3	12.7	46.0	54.0	-8.0	Peak	Horizontal
*	8820.0	34.7	13.9	48.6	68.2	-19.6	Peak	Horizontal
*	9857.0	33.2	15.4	48.6	68.2	-19.6	Peak	Horizontal
	7579.0	34.9	12.8	47.7	54.0	-6.3	Peak	Vertical
	8318.5	34.7	13.1	47.8	54.0	-6.2	Peak	Vertical
*	9772.0	32.9	15.2	48.1	68.2	-20.1	Peak	Vertical
*	10350.0	32.7	17.3	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.2	12.5	46.7	54.0	-7.3	Peak	Horizontal
	8386.5	34.0	13.1	47.1	54.0	-6.9	Peak	Horizontal
*	9780.5	34.6	15.3	49.9	68.2	-18.3	Peak	Horizontal
*	10375.5	32.5	17.4	49.9	68.2	-18.3	Peak	Horizontal
	7443.0	34.8	12.6	47.4	54.0	-6.6	Peak	Vertical
	8480.0	34.2	13.1	47.3	54.0	-6.7	Peak	Vertical
*	9780.5	34.2	15.3	49.5	68.2	-18.7	Peak	Vertical
*	10486.0	33.1	17.9	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.3	12.7	47.0	54.0	-7.0	Peak	Horizontal
	8429.0	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9874.0	34.2	15.5	49.7	68.2	-18.5	Peak	Horizontal
*	10409.5	32.7	17.6	50.3	68.2	-17.9	Peak	Horizontal
	7417.5	34.6	12.5	47.1	54.0	-6.9	Peak	Vertical
	8327.0	33.0	13.1	46.1	54.0	-7.9	Peak	Vertical
*	8888.0	32.8	14.1	46.9	68.2	-21.3	Peak	Vertical
*	10324.5	33.1	17.2	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20- Ant 0 + 1	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.2	12.5	47.7	54.0	-6.3	Peak	Horizontal
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Horizontal
*	9882.5	35.0	15.5	50.5	68.2	-17.7	Peak	Horizontal
*	10367.0	34.2	17.4	51.6	68.2	-16.6	Peak	Horizontal
	11650.5	33.4	19.1	52.5	54.0	-1.5	Peak	Vertical
	15779.0	21.8	21.0	42.8	54.0	-11.2	Peak	Vertical
*	8811.5	34.5	13.9	48.4	68.2	-19.8	Peak	Vertical
*	9976.0	33.8	15.7	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	12.7	46.0	54.0	-8.0	Peak	Horizontal
	8242.0	34.2	13.0	47.2	54.0	-6.8	Peak	Horizontal
*	9857.0	36.6	15.4	52.0	68.2	-16.2	Peak	Horizontal
*	13070.0	31.5	19.7	51.2	68.2	-17.0	Peak	Horizontal
	7392.0	35.0	12.4	47.4	54.0	-6.6	Peak	Vertical
	8250.5	34.8	13.0	47.8	54.0	-6.2	Peak	Vertical
*	9772.0	33.6	15.2	48.8	68.2	-19.4	Peak	Vertical
*	10554.0	33.7	18.1	51.8	68.2	-16.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.7	12.8	47.5	54.0	-6.5	Peak	Horizontal
	8250.5	34.7	13.0	47.7	54.0	-6.3	Peak	Horizontal
*	10078.0	33.3	16.1	49.4	68.2	-18.8	Peak	Horizontal
*	10486.0	34.5	17.9	52.4	68.2	-15.8	Peak	Horizontal
	7502.5	33.2	12.7	45.9	54.0	-8.1	Peak	Vertical
	8242.0	33.8	13.0	46.8	54.0	-7.2	Peak	Vertical
*	9636.0	33.5	14.9	48.4	68.2	-19.8	Peak	Vertical
*	10171.5	33.3	16.5	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	32.9	12.7	45.6	54.0	-8.4	Peak	Horizontal
	8310.0	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	9789.0	35.2	15.3	50.5	68.2	-17.7	Peak	Horizontal
*	10222.5	33.4	16.7	50.1	68.2	-18.1	Peak	Horizontal
	7477.0	34.7	12.7	47.4	54.0	-6.6	Peak	Vertical
	8140.0	35.0	13.0	48.0	54.0	-6.0	Peak	Vertical
*	9704.0	35.2	15.1	50.3	68.2	-17.9	Peak	Vertical
*	10350.0	32.1	17.3	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	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
	7392.0	35.0	12.4	47.4	54.0	-6.6	Peak	Horizontal
	8310.0	33.1	13.1	46.2	54.0	-7.8	Peak	Horizontal
*	9942.0	34.9	15.6	50.5	68.2	-17.7	Peak	Horizontal
*	10367.0	34.0	17.4	51.4	68.2	-16.8	Peak	Horizontal
	7366.5	35.3	12.3	47.6	54.0	-6.4	Peak	Vertical
	8242.0	34.9	13.0	47.9	54.0	-6.1	Peak	Vertical
*	10324.5	34.6	17.2	51.8	68.2	-16.4	Peak	Vertical
*	12874.5	32.9	19.2	52.1	68.2	-16.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.8	12.6	47.4	54.0	-6.6	Peak	Horizontal
	8267.5	33.8	13.1	46.9	54.0	-7.1	Peak	Horizontal
*	8692.5	33.7	13.6	47.3	68.2	-20.9	Peak	Horizontal
*	9899.5	33.9	15.5	49.4	68.2	-18.8	Peak	Horizontal
	7451.5	34.5	12.6	47.1	54.0	-6.9	Peak	Vertical
	8378.0	34.7	13.1	47.8	54.0	-6.2	Peak	Vertical
*	9899.5	33.4	15.5	48.9	68.2	-19.3	Peak	Vertical
*	10265.0	32.3	16.9	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.0	12.7	46.7	54.0	-7.3	Peak	Horizontal
	8284.5	33.6	13.1	46.7	54.0	-7.3	Peak	Horizontal
*	10086.5	31.8	16.1	47.9	68.2	-20.3	Peak	Horizontal
*	10350.0	33.4	17.3	50.7	68.2	-17.5	Peak	Horizontal
	7451.5	35.5	12.6	48.1	54.0	-5.9	Peak	Vertical
	8216.5	34.6	13.0	47.6	54.0	-6.4	Peak	Vertical
*	9899.5	33.5	15.5	49.0	68.2	-19.2	Peak	Vertical
*	10494.5	32.1	17.9	50.0	68.2	-18.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.9	12.5	47.4	54.0	-6.6	Peak	Horizontal
	8301.5	33.5	13.1	46.6	54.0	-7.4	Peak	Horizontal
*	9678.5	34.3	15.0	49.3	68.2	-18.9	Peak	Horizontal
*	10426.5	32.0	17.6	49.6	68.2	-18.6	Peak	Horizontal
	7349.5	34.5	12.3	46.8	54.0	-7.2	Peak	Vertical
	8361.0	34.2	13.1	47.3	54.0	-6.7	Peak	Vertical
*	9857.0	32.9	15.4	48.3	68.2	-19.9	Peak	Vertical
*	10367.0	31.1	17.4	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7400.5	33.6	12.4	46.0	54.0	-8.0	Peak	Horizontal
	8429.0	33.7	13.1	46.8	54.0	-7.2	Peak	Horizontal
*	9823.0	33.9	15.4	49.3	68.2	-18.9	Peak	Horizontal
*	10265.0	33.1	16.9	50.0	68.2	-18.2	Peak	Horizontal
	7562.0	34.5	12.7	47.2	54.0	-6.8	Peak	Vertical
	8242.0	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	10001.5	33.1	15.8	48.9	68.2	-19.3	Peak	Vertical
*	10469.0	32.3	17.8	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.4	12.6	48.0	54.0	-6.0	Peak	Horizontal
	8259.0	34.0	13.0	47.0	54.0	-7.0	Peak	Horizontal
*	9840.0	35.7	15.4	51.1	68.2	-17.1	Peak	Horizontal
*	10239.5	33.5	16.8	50.3	68.2	-17.9	Peak	Horizontal
	7502.5	34.0	12.7	46.7	54.0	-7.3	Peak	Vertical
	8199.5	33.3	13.0	46.3	54.0	-7.7	Peak	Vertical
*	9619.0	34.4	14.9	49.3	68.2	-18.9	Peak	Vertical
*	10265.0	31.8	16.9	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	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
	7298.5	35.2	12.1	47.3	54.0	-6.7	Peak	Horizontal
	8276.0	33.3	13.1	46.4	54.0	-7.6	Peak	Horizontal
*	9874.0	34.9	15.5	50.4	68.2	-17.8	Peak	Horizontal
*	10350.0	32.2	17.3	49.5	68.2	-18.7	Peak	Horizontal
	7409.0	34.1	12.5	46.6	54.0	-7.4	Peak	Vertical
	8284.5	33.9	13.1	47.0	54.0	-7.0	Peak	Vertical
*	9755.0	33.8	15.2	49.0	68.2	-19.2	Peak	Vertical
*	10401.0	31.4	17.5	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	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.3	12.4	47.7	54.0	-6.3	Peak	Horizontal
	8191.0	34.7	13.0	47.7	54.0	-6.3	Peak	Horizontal
*	9814.5	33.4	15.3	48.7	68.2	-19.5	Peak	Horizontal
*	10409.5	32.1	17.6	49.7	68.2	-18.5	Peak	Horizontal
	7460.0	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	8216.5	32.2	13.0	45.2	54.0	-8.8	Peak	Vertical
*	9806.0	34.3	15.3	49.6	68.2	-18.6	Peak	Vertical
*	10486.0	32.4	17.9	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7383.5	34.9	12.4	47.3	54.0	-6.7	Peak	Horizontal
	8446.0	34.4	13.1	47.5	54.0	-6.5	Peak	Horizontal
*	9636.0	35.0	14.9	49.9	68.2	-18.3	Peak	Horizontal
*	10078.0	32.0	16.1	48.1	68.2	-20.1	Peak	Horizontal
	7400.5	34.3	12.4	46.7	54.0	-7.3	Peak	Vertical
	8310.0	32.8	13.1	45.9	54.0	-8.1	Peak	Vertical
*	9763.5	35.0	15.2	50.2	68.2	-18.0	Peak	Vertical
*	10367.0	33.5	17.4	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	34.7	12.5	47.2	54.0	-6.8	Peak	Horizontal
	8242.0	34.6	13.0	47.6	54.0	-6.4	Peak	Horizontal
*	9755.0	36.0	15.2	51.2	68.2	-17.0	Peak	Horizontal
*	10375.5	33.6	17.4	51.0	68.2	-17.2	Peak	Horizontal
	7519.5	35.0	12.7	47.7	54.0	-6.3	Peak	Vertical
	8242.0	34.6	13.0	47.6	54.0	-6.4	Peak	Vertical
*	9840.0	35.8	15.4	51.2	68.2	-17.0	Peak	Vertical
*	10503.0	33.6	18.0	51.6	68.2	-16.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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
	7383.5	34.4	12.4	46.8	54.0	-7.2	Peak	Horizontal
	8174.0	35.0	13.0	48.0	54.0	-6.0	Peak	Horizontal
*	9865.5	34.4	15.5	49.9	68.2	-18.3	Peak	Horizontal
*	10367.0	33.1	17.4	50.5	68.2	-17.7	Peak	Horizontal
	7451.5	34.4	12.6	47.0	54.0	-7.0	Peak	Vertical
	8174.0	34.8	13.0	47.8	54.0	-6.2	Peak	Vertical
*	10001.5	34.3	15.8	50.1	68.2	-18.1	Peak	Vertical
*	10511.5	33.5	18.0	51.5	68.2	-16.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.1	12.5	47.6	54.0	-6.4	Peak	Horizontal
	8199.5	34.3	13.0	47.3	54.0	-6.7	Peak	Horizontal
*	9882.5	34.7	15.5	50.2	68.2	-18.0	Peak	Horizontal
*	10265.0	32.4	16.9	49.3	68.2	-18.9	Peak	Horizontal
	7451.5	34.2	12.6	46.8	54.0	-7.2	Peak	Vertical
	8310.0	35.1	13.1	48.2	54.0	-5.8	Peak	Vertical
*	9865.5	35.2	15.5	50.7	68.2	-17.5	Peak	Vertical
*	10443.5	32.0	17.7	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2019/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 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	35.5	12.0	47.5	54.0	-6.5	Peak	Horizontal
	8259.0	35.9	12.2	48.1	54.0	-5.9	Peak	Horizontal
*	9653.0	34.8	15.3	50.1	68.2	-18.1	Peak	Horizontal
*	10316.0	34.2	16.6	50.8	68.2	-17.4	Peak	Horizontal
	7511.0	34.3	12.7	47.0	54.0	-7.0	Peak	Vertical
	8250.5	34.5	13.0	47.5	54.0	-6.5	Peak	Vertical
*	9882.5	34.5	15.5	50.0	68.2	-18.2	Peak	Vertical
*	10401.0	33.8	17.5	51.3	68.2	-16.9	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)