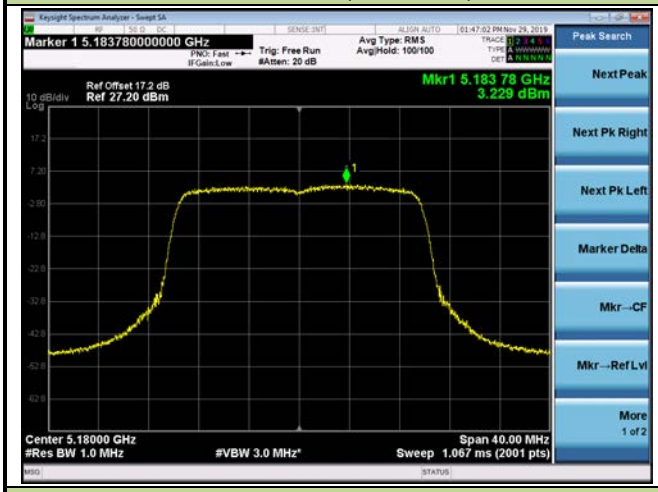
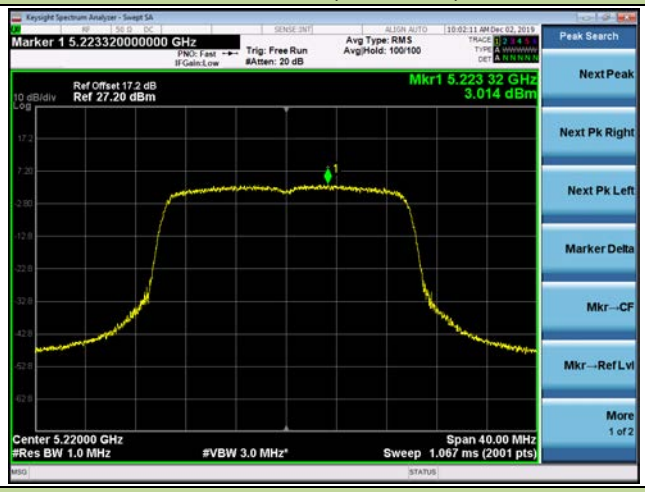
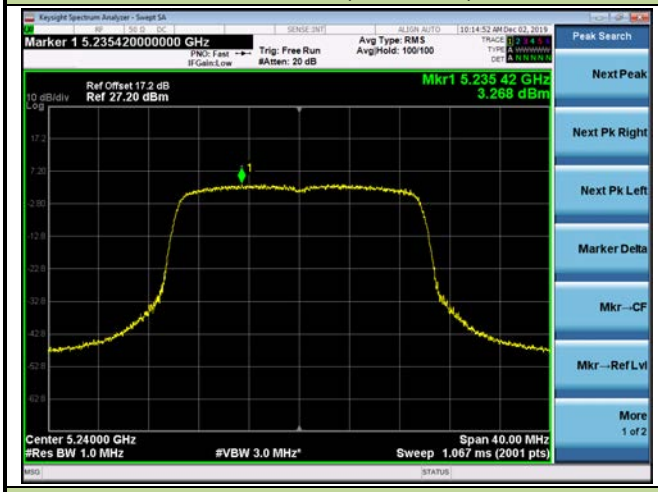
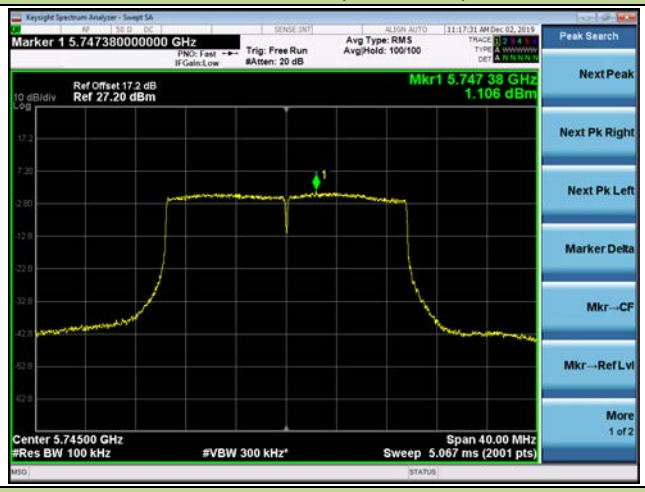
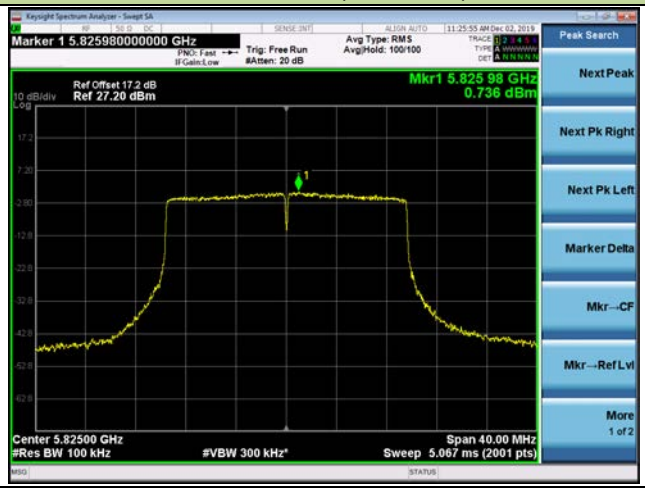
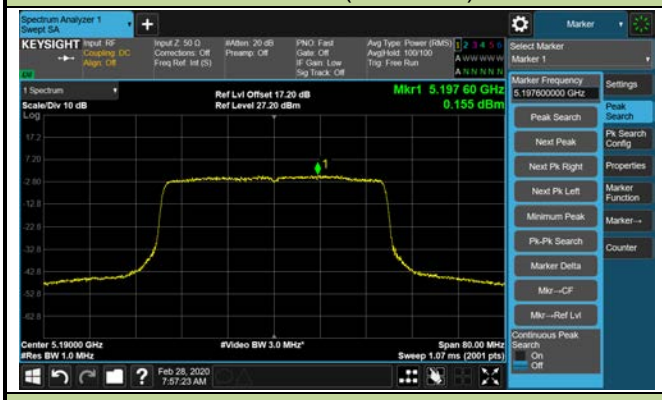
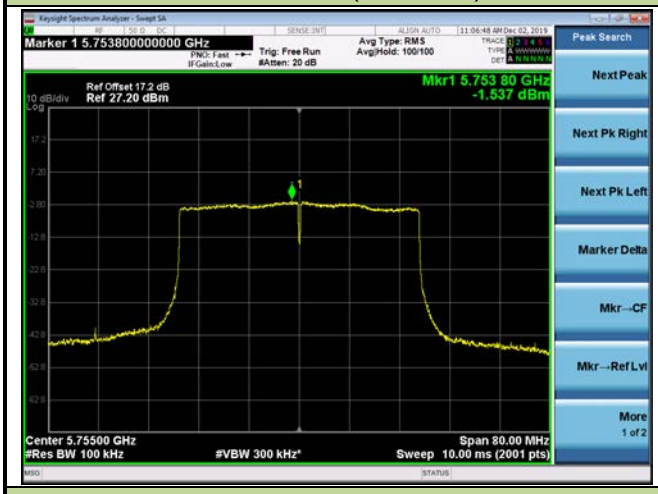
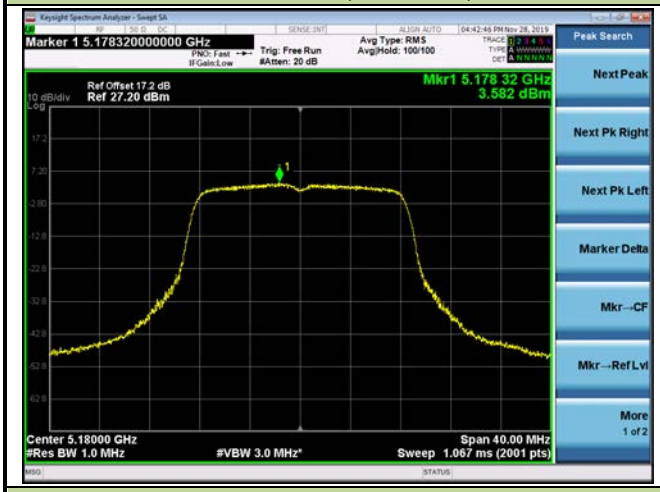
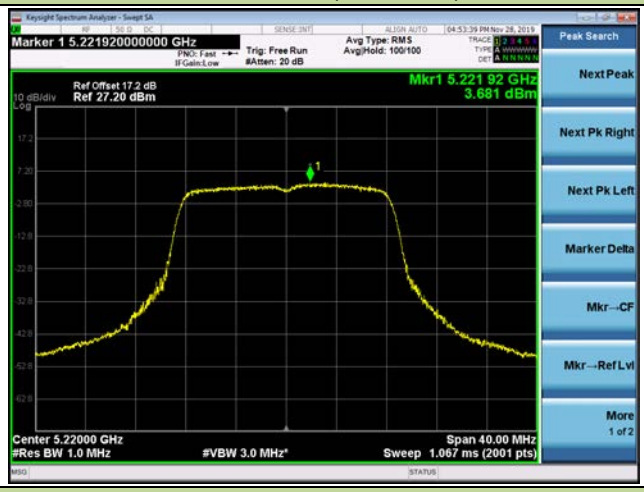
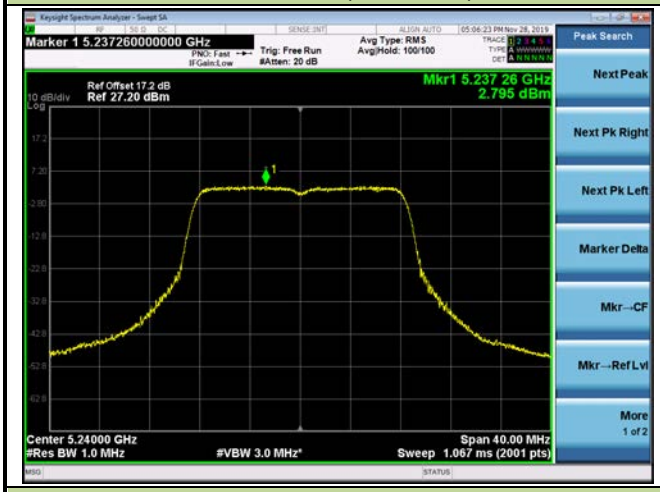
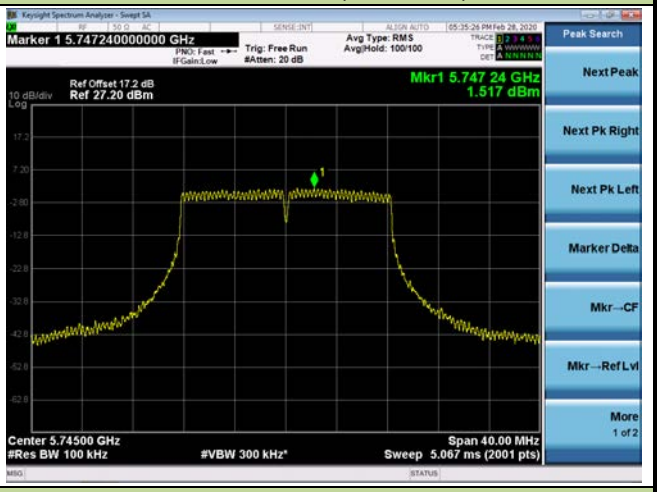
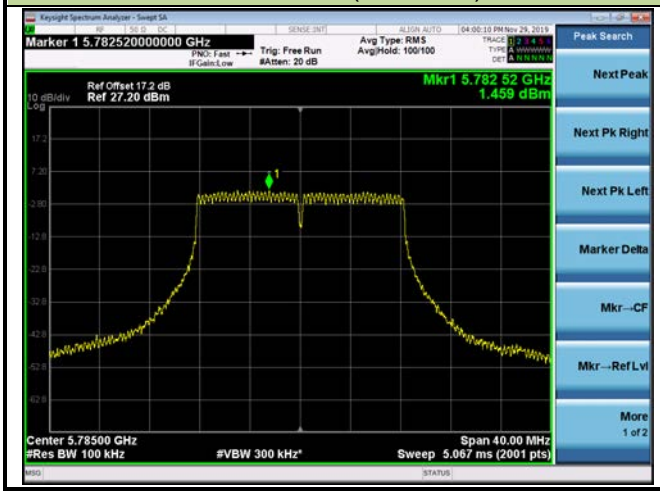
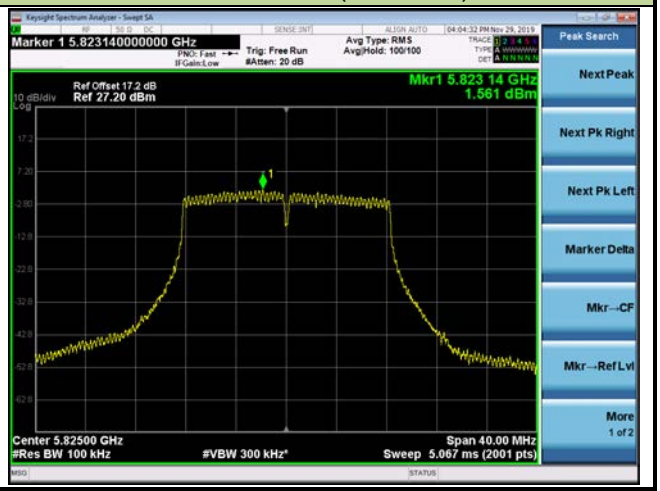
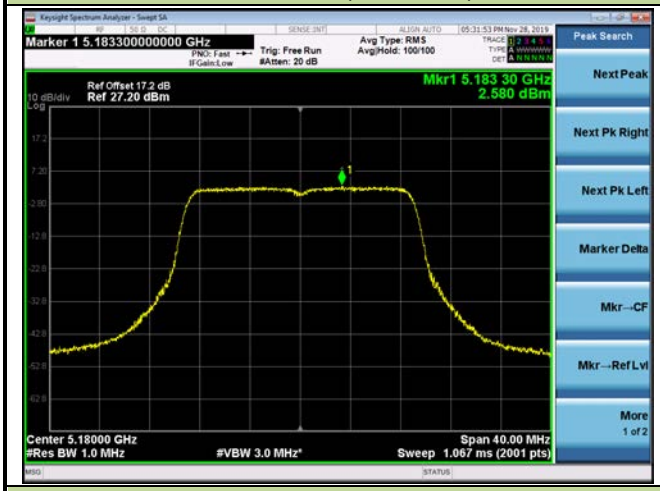
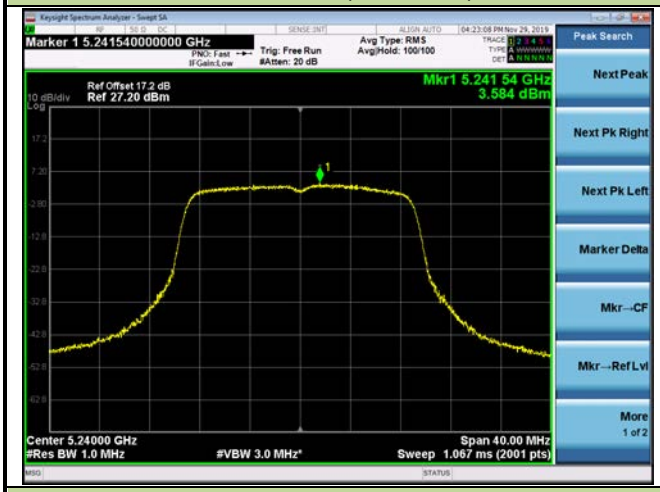
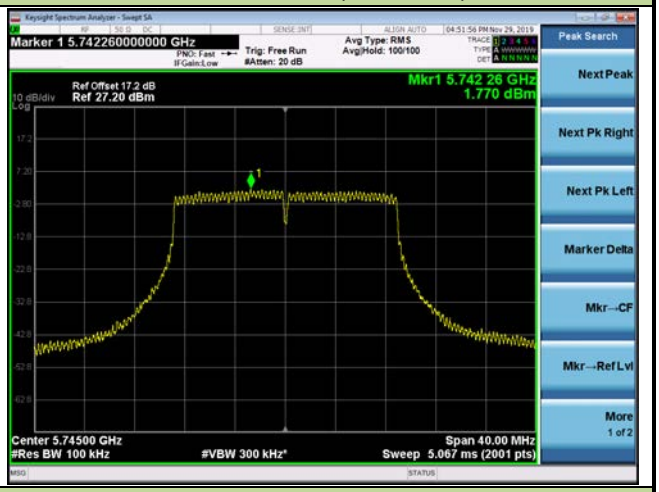
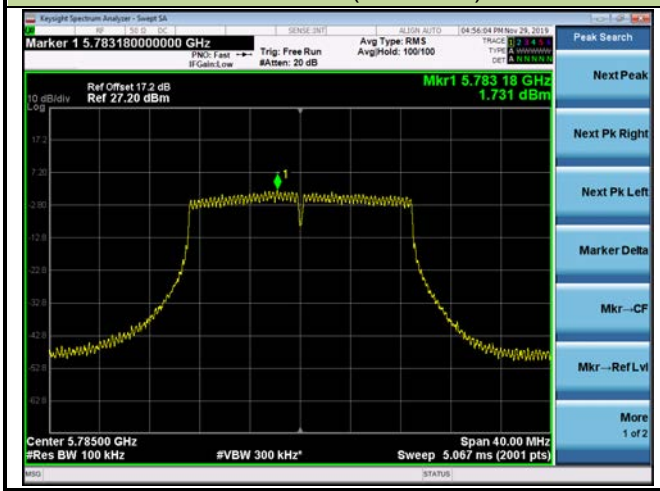
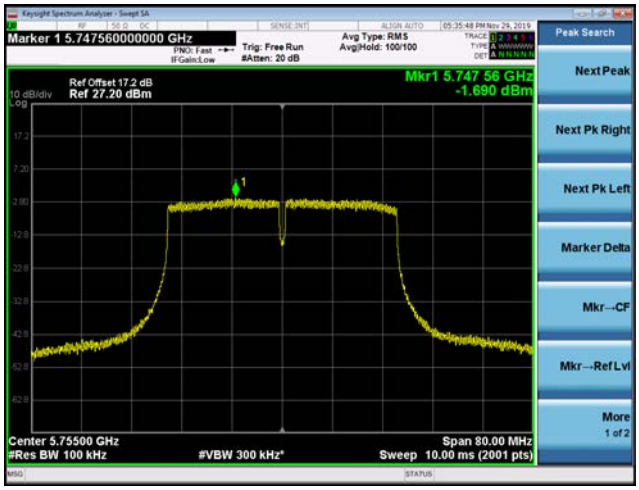
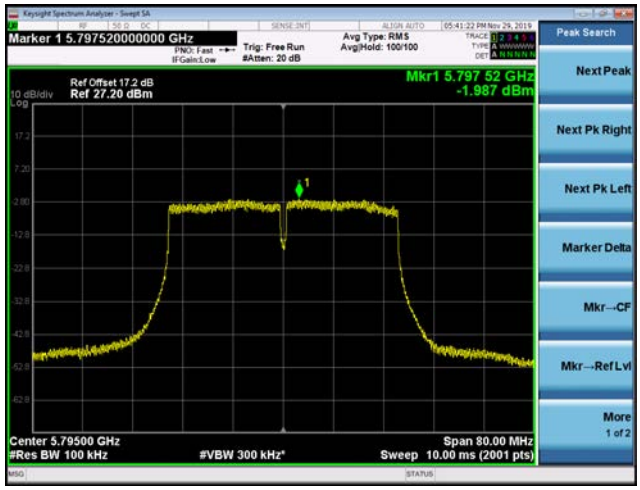
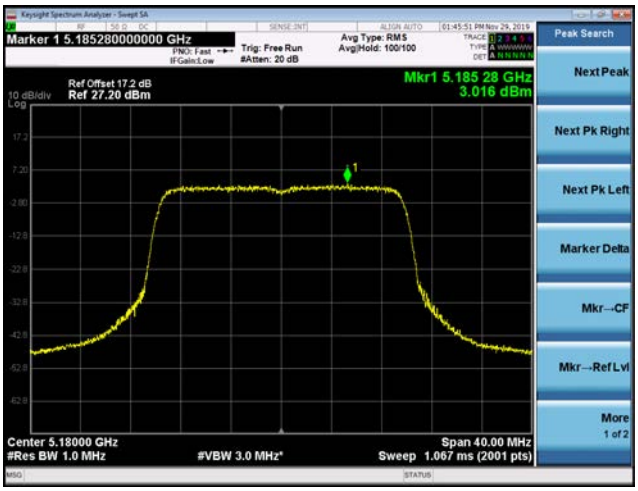
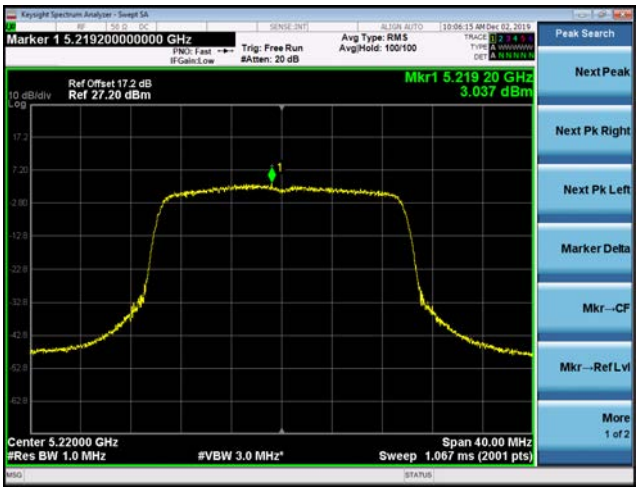
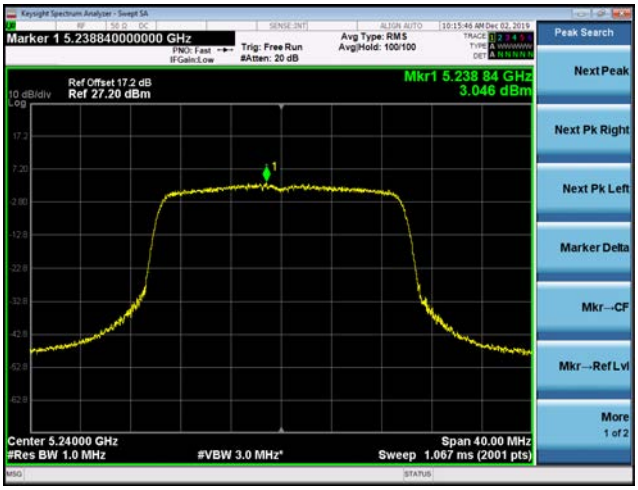
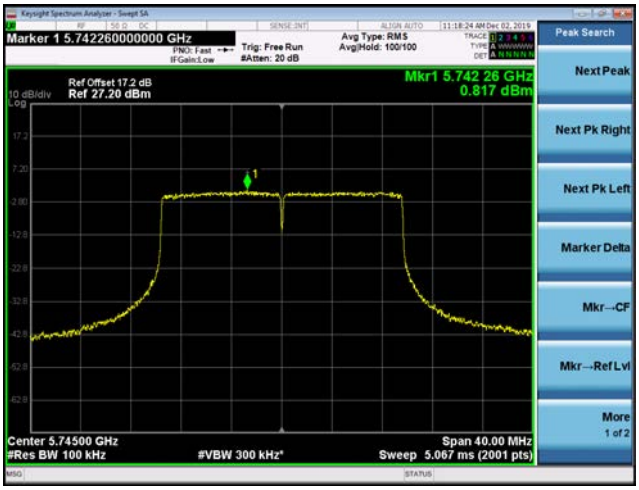
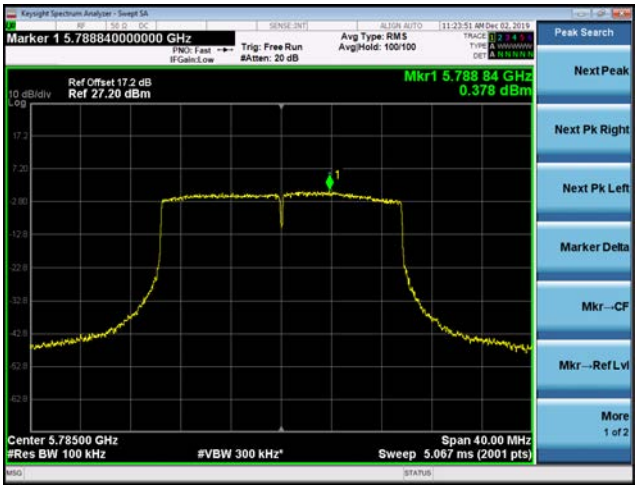
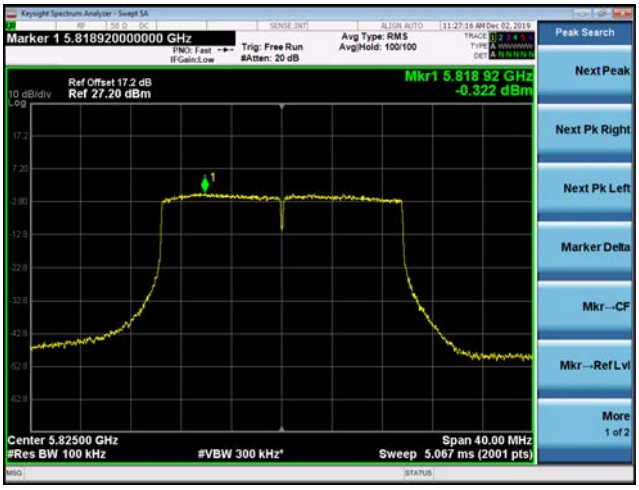
802.11ax-HE20 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

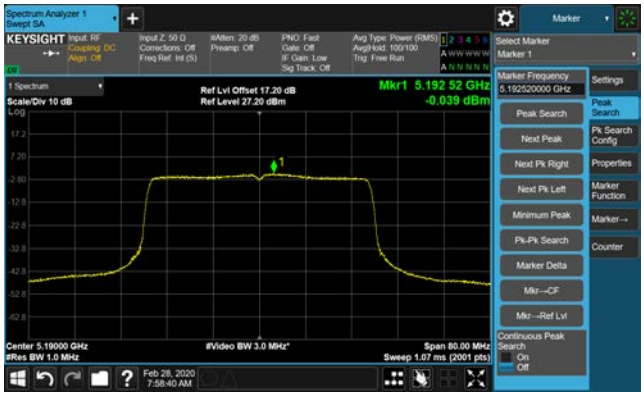
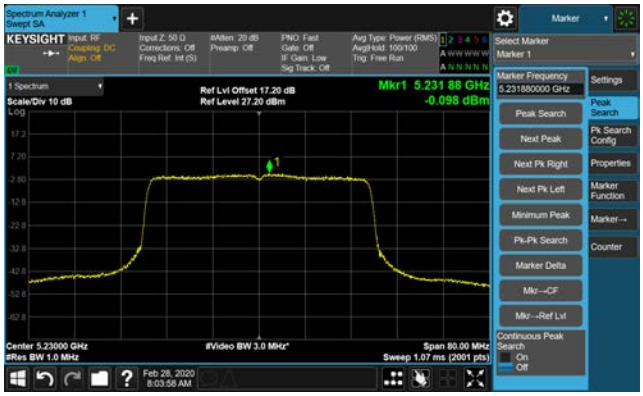
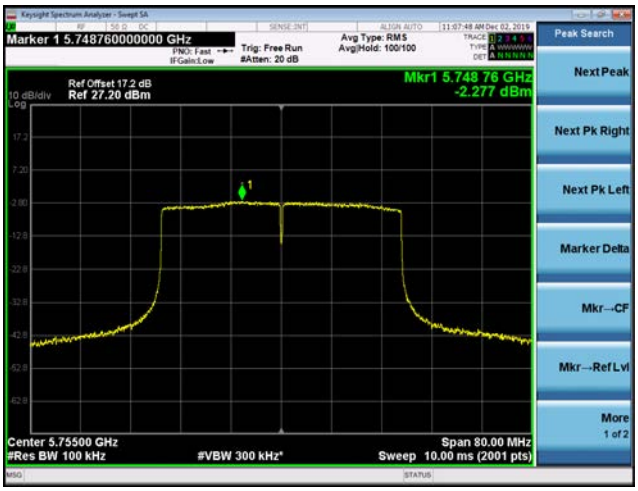
802.11ax-HE40 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ax-HE80 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

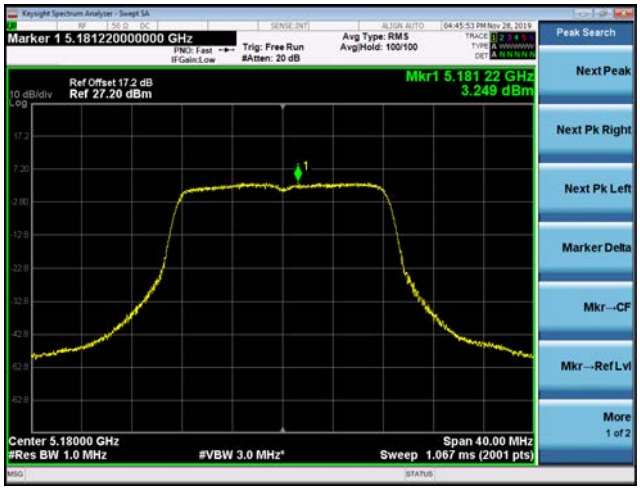
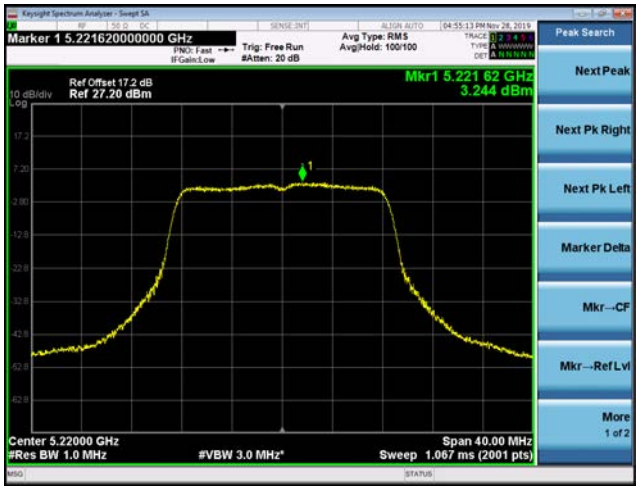
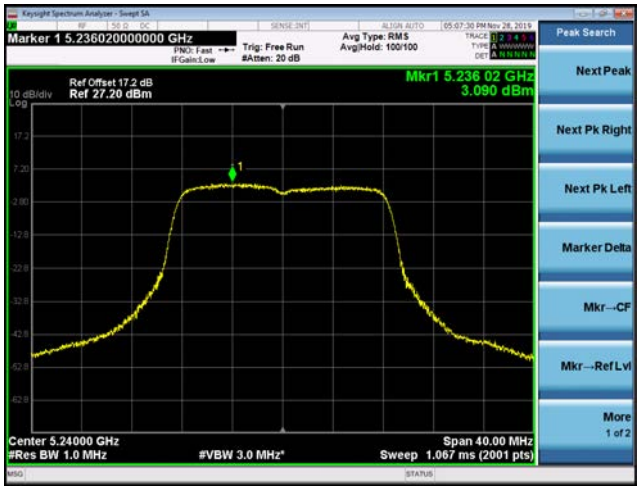
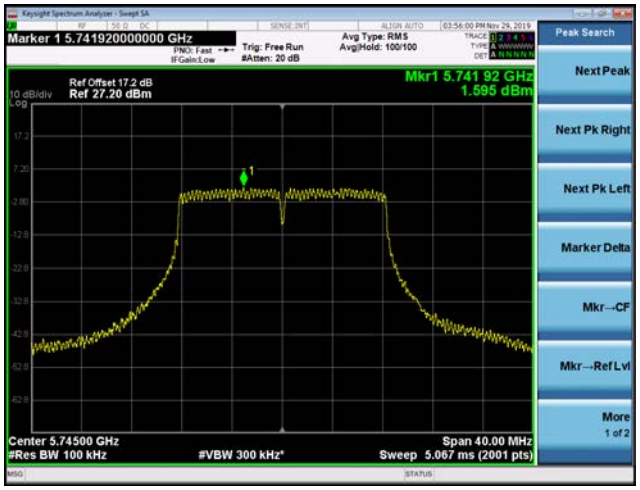
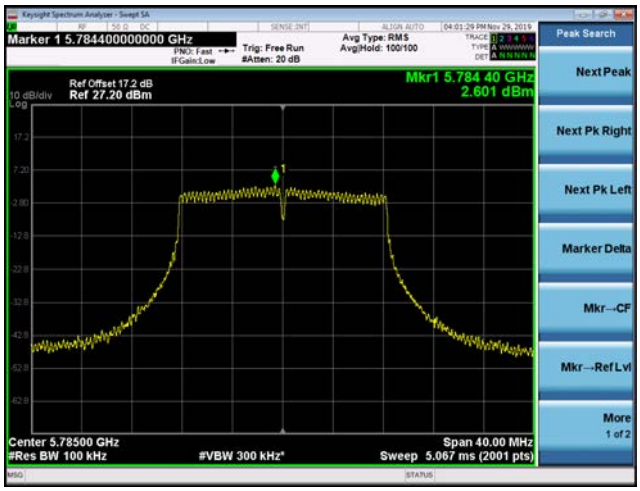
802.11a Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

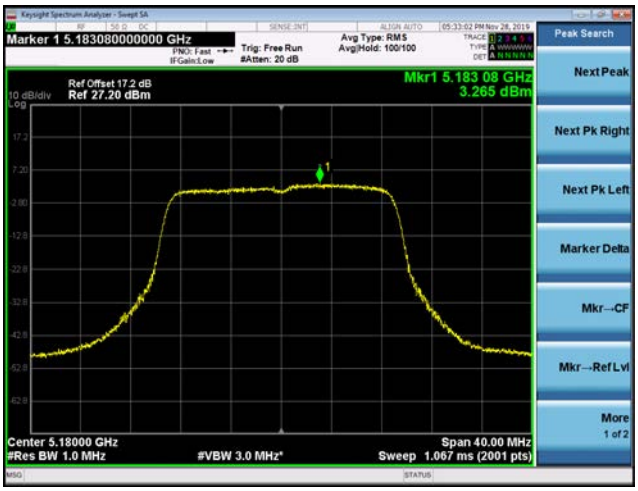
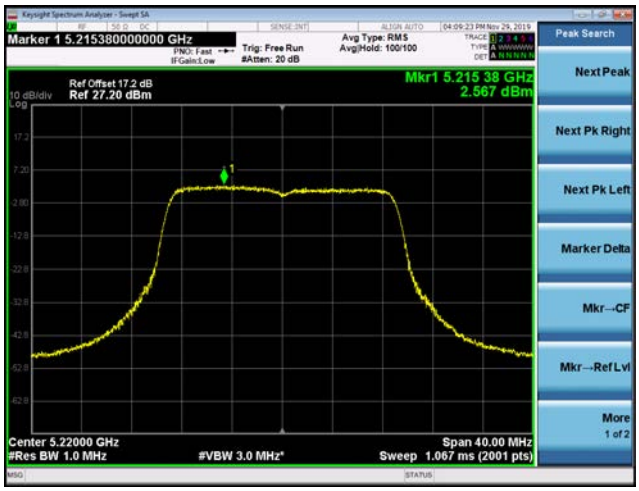
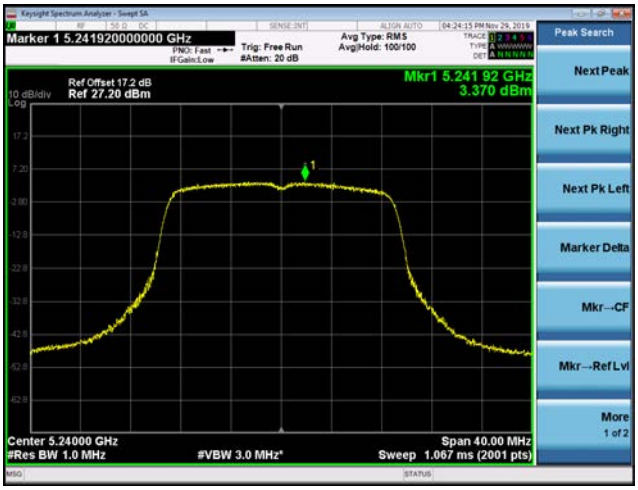
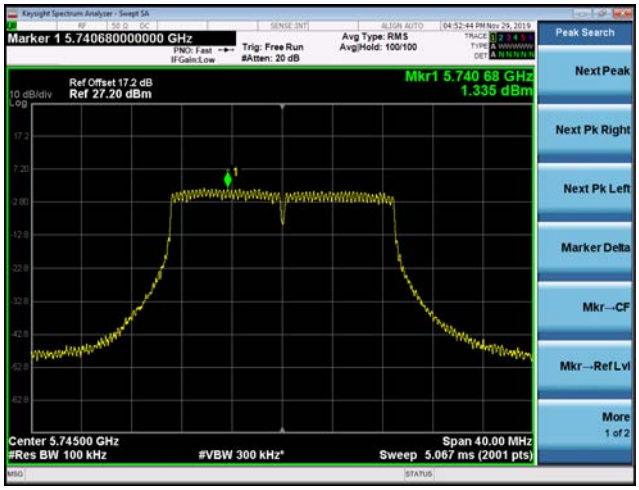
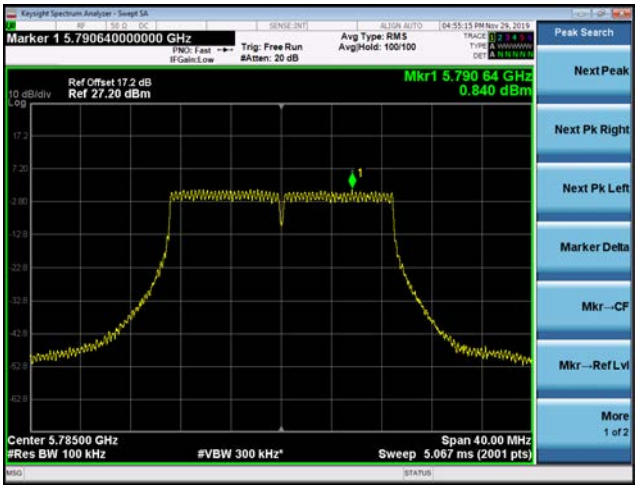
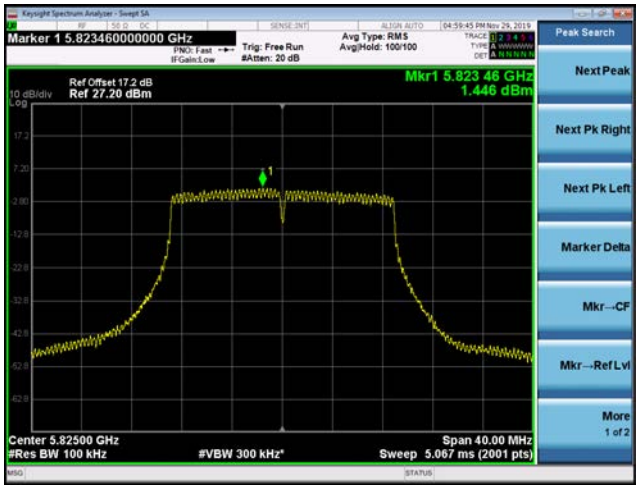
802.11n-HT20 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

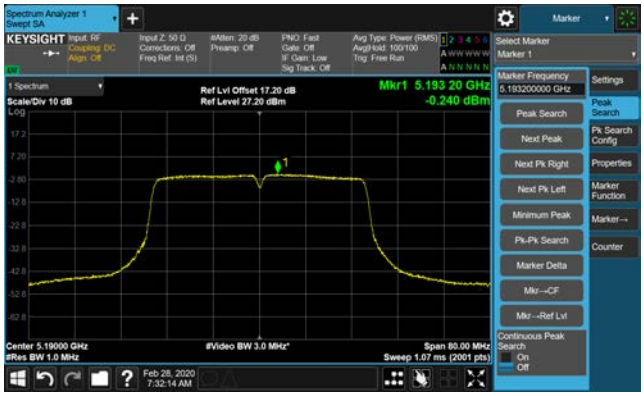
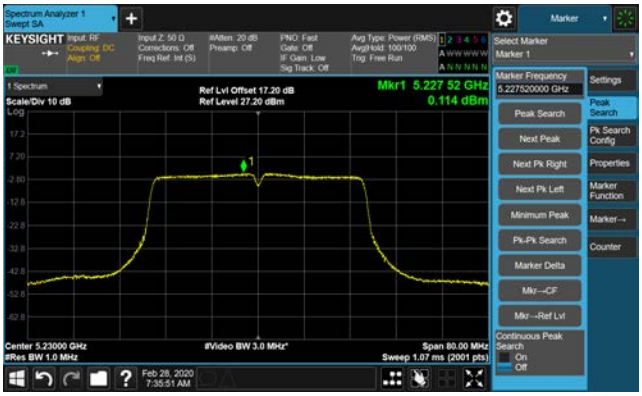
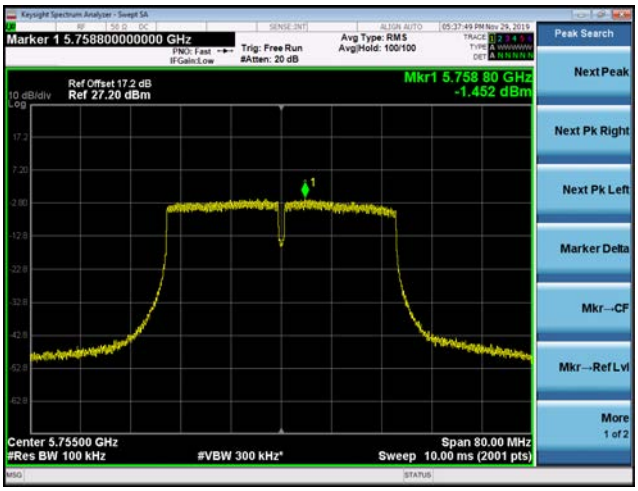
802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

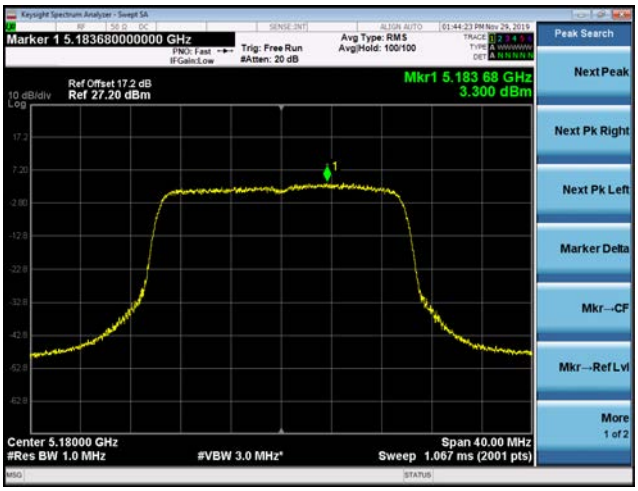
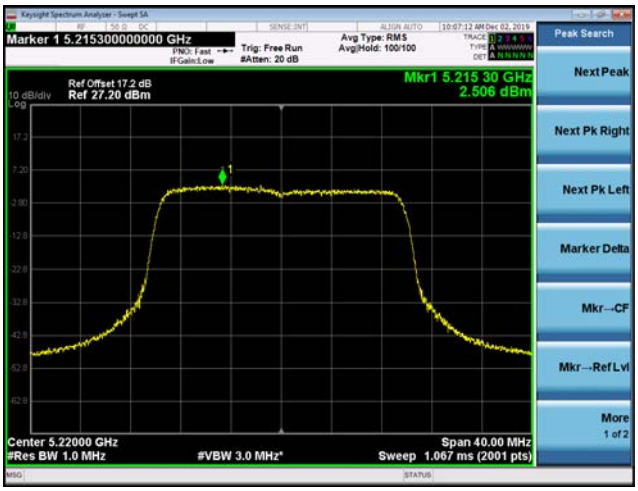
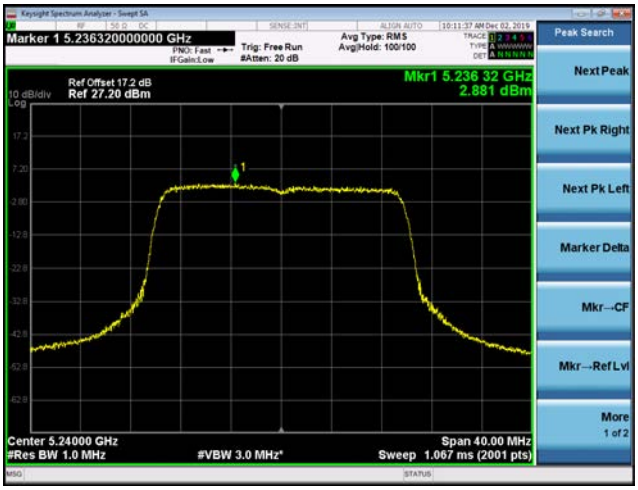
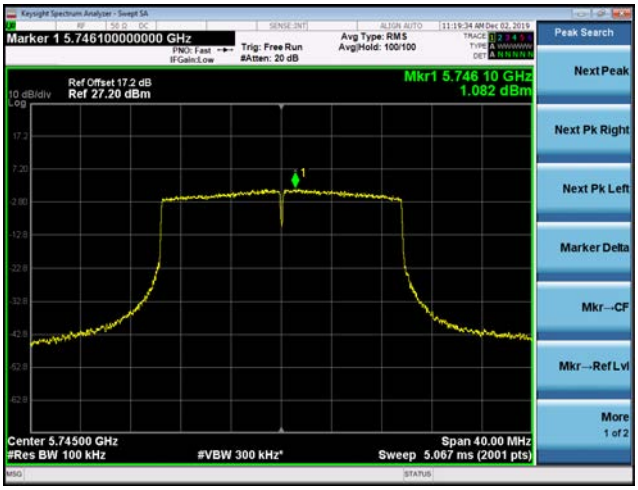
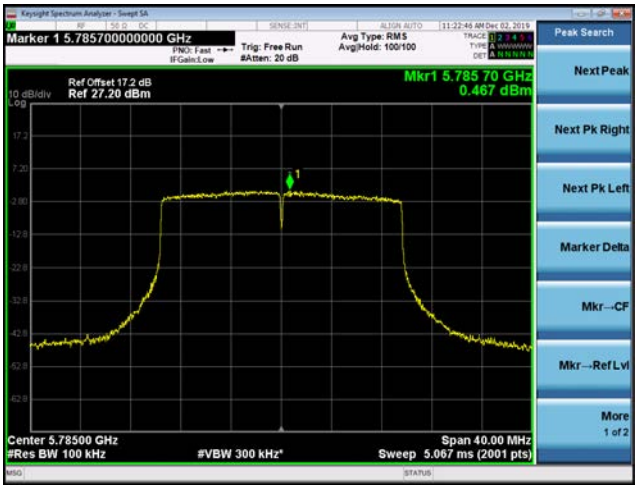
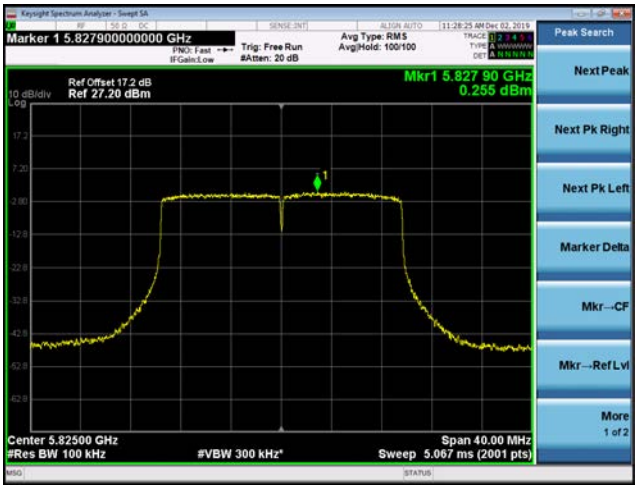
802.11ax-HE20 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

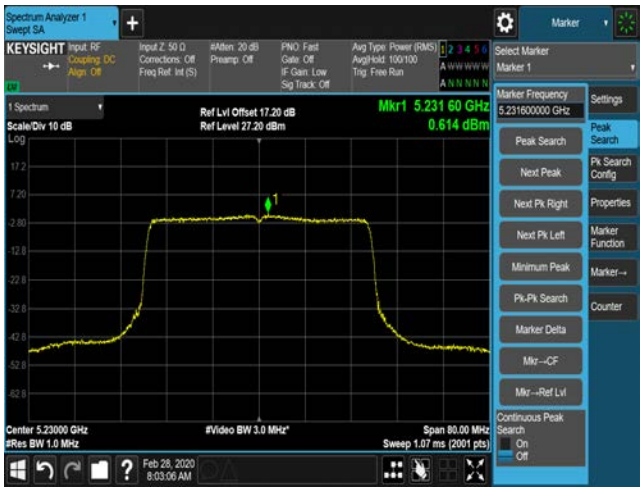
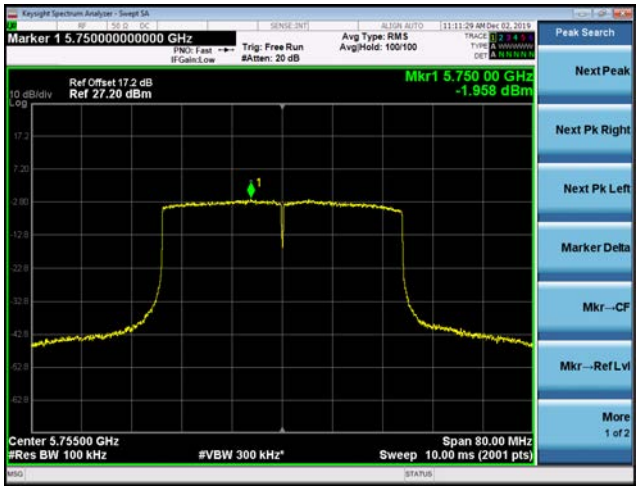
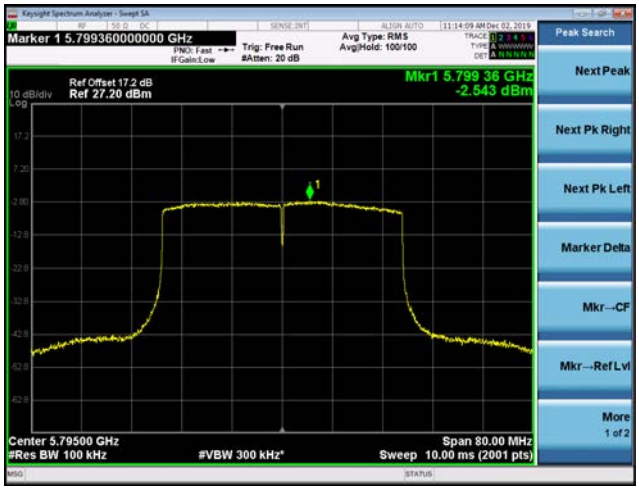
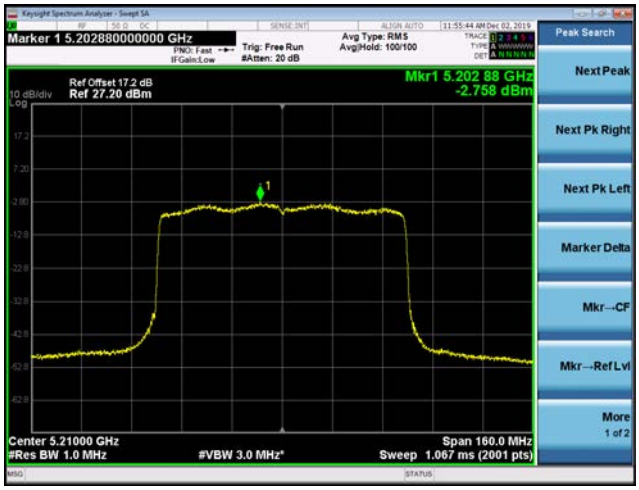
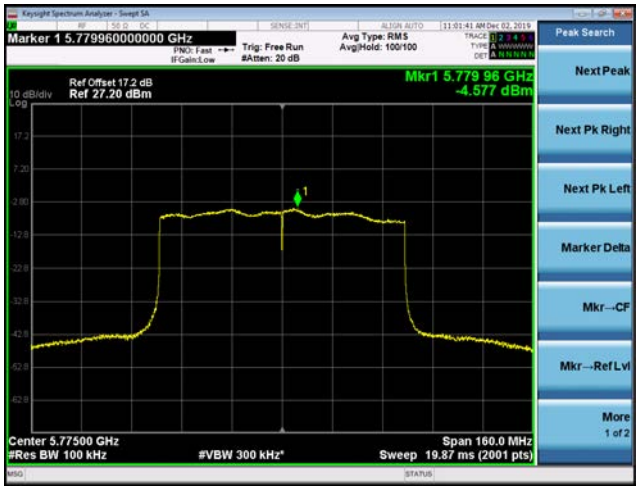
802.11ax-HE40 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ax-HE80 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

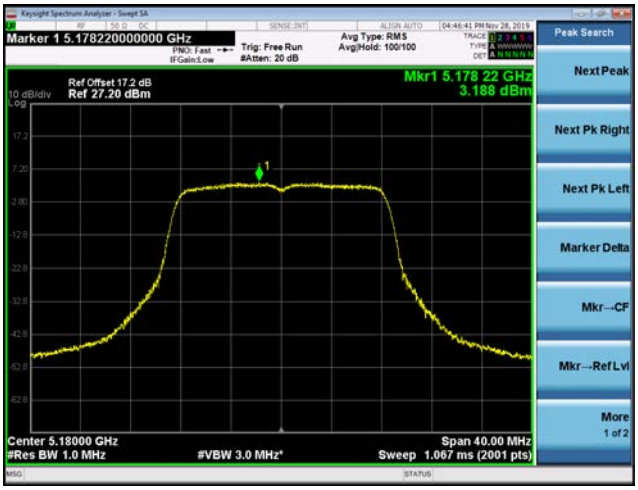
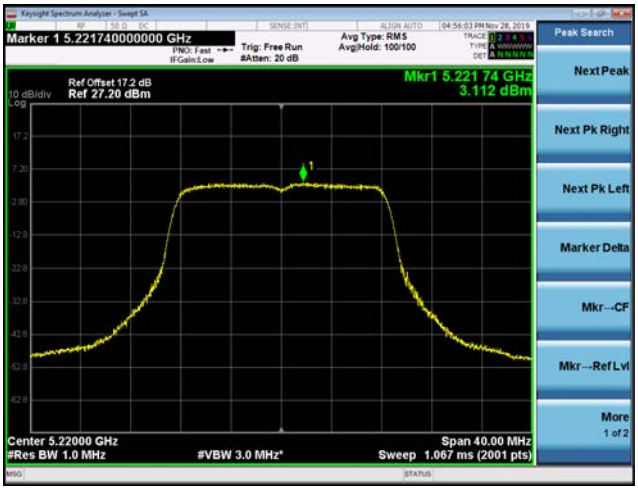
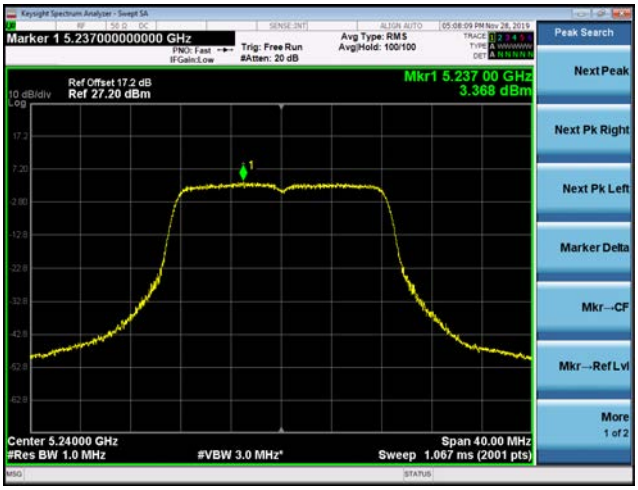
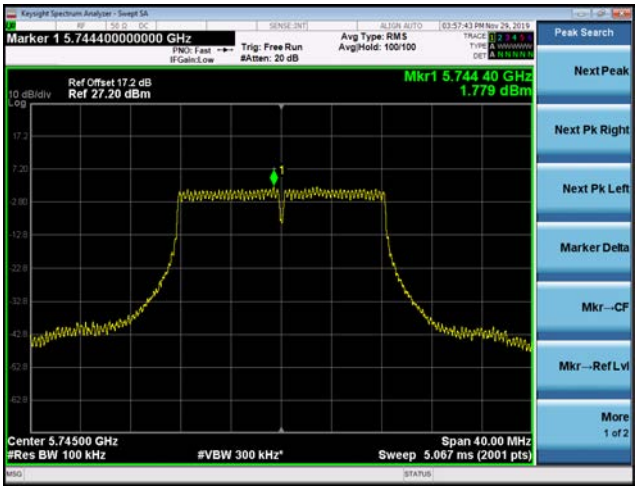
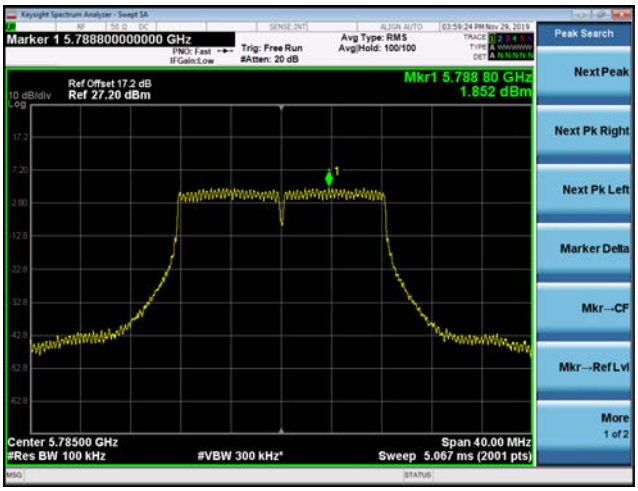
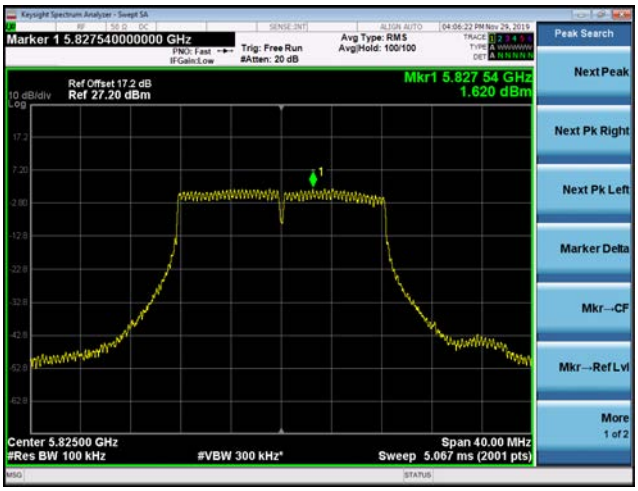
802.11a Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

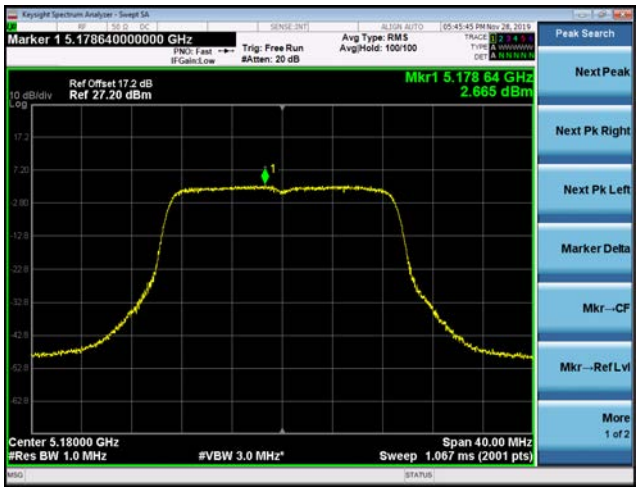
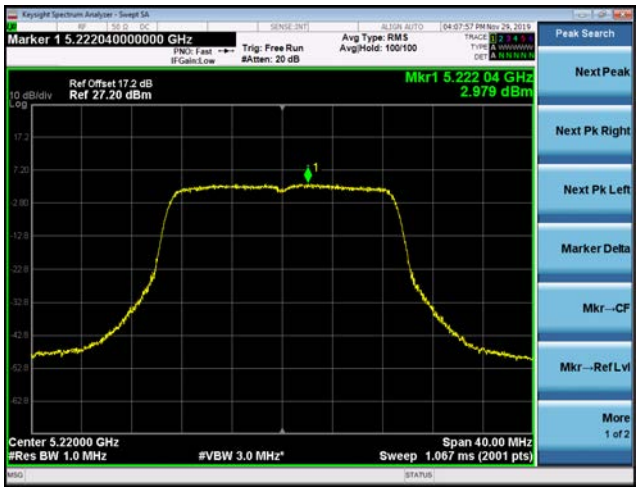
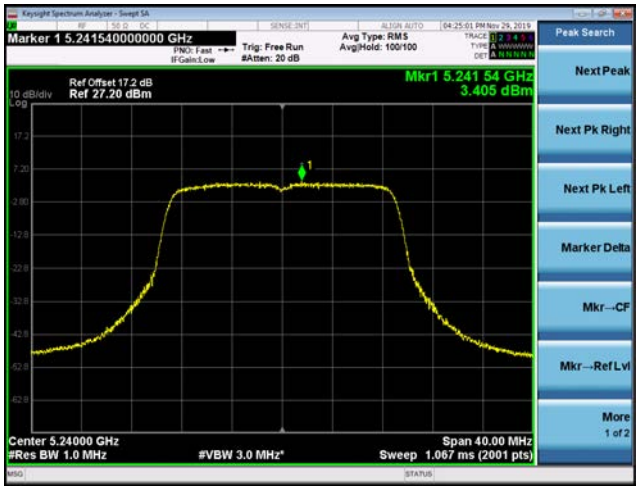
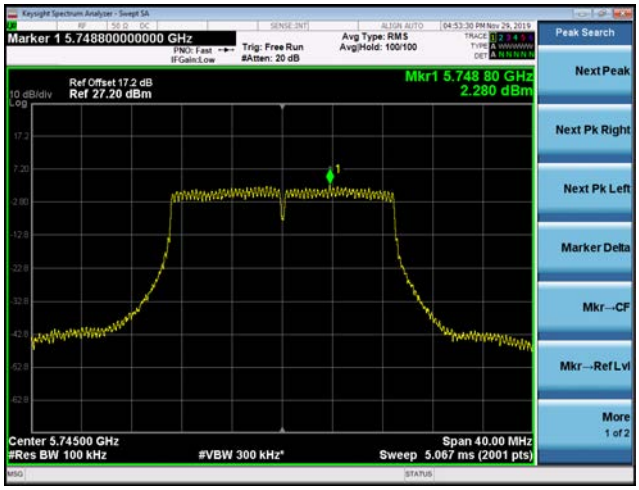
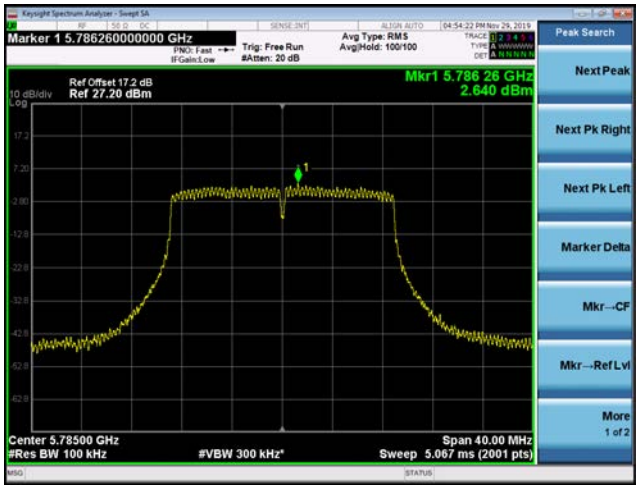
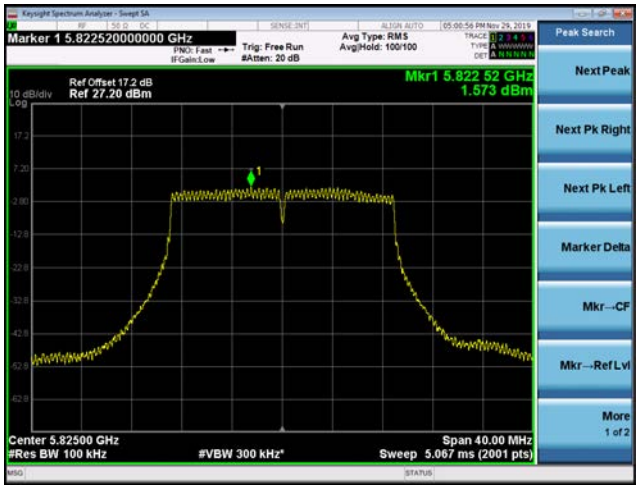
802.11n-HT20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

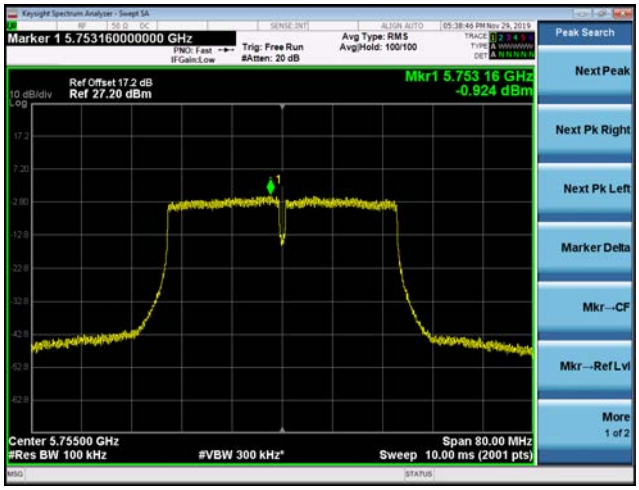
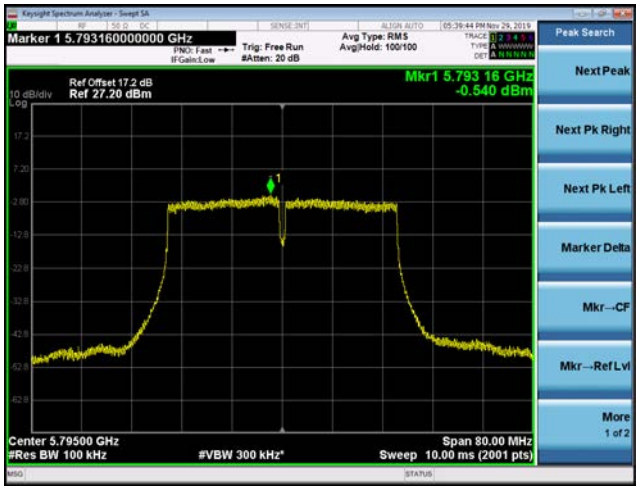
802.11n-HT40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

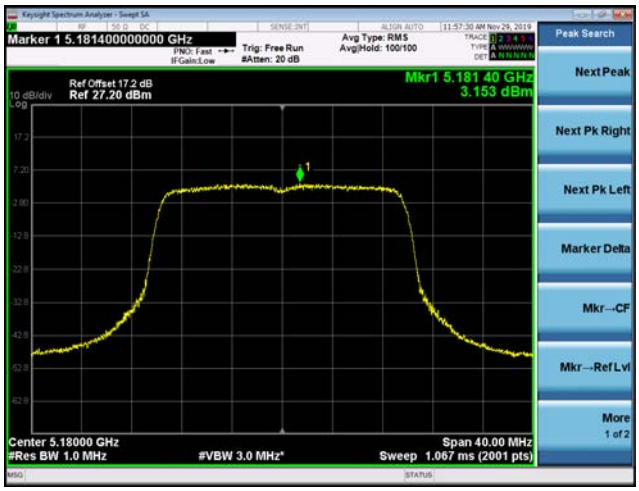
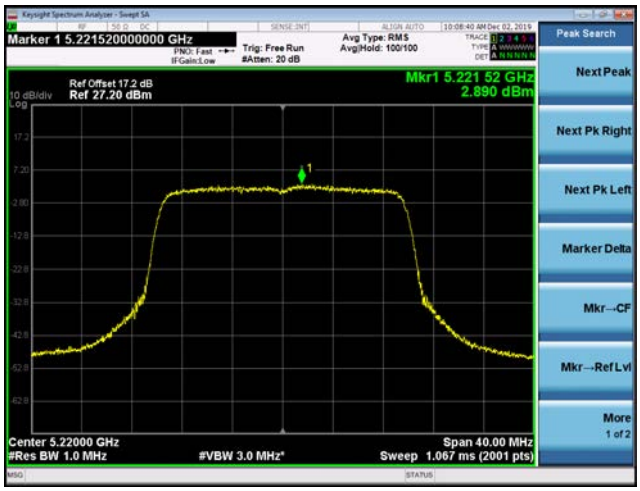
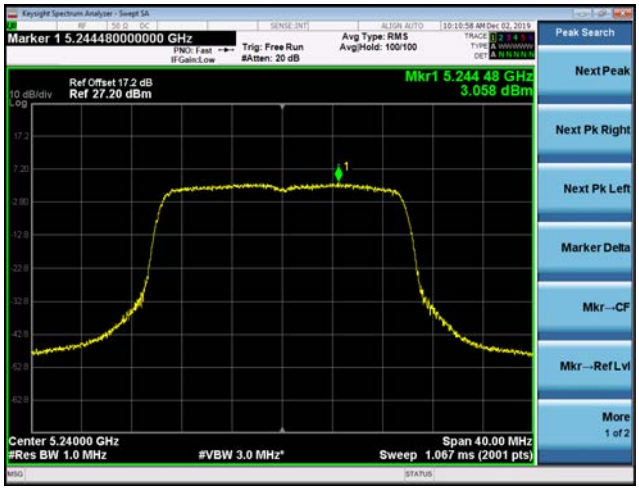
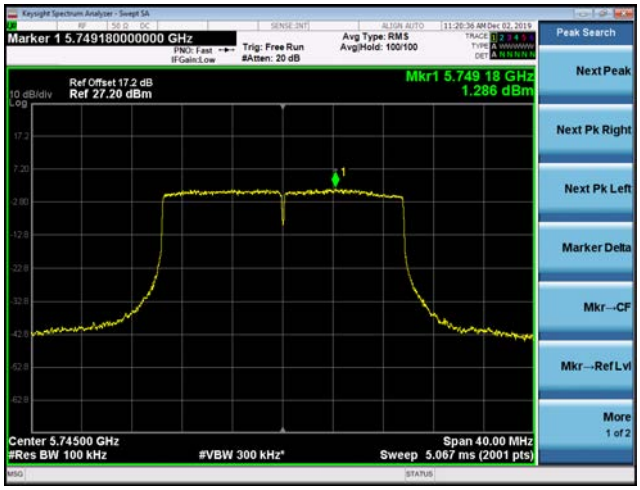
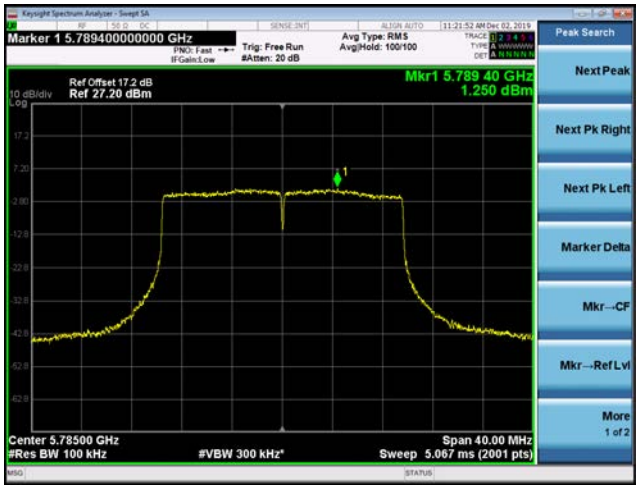
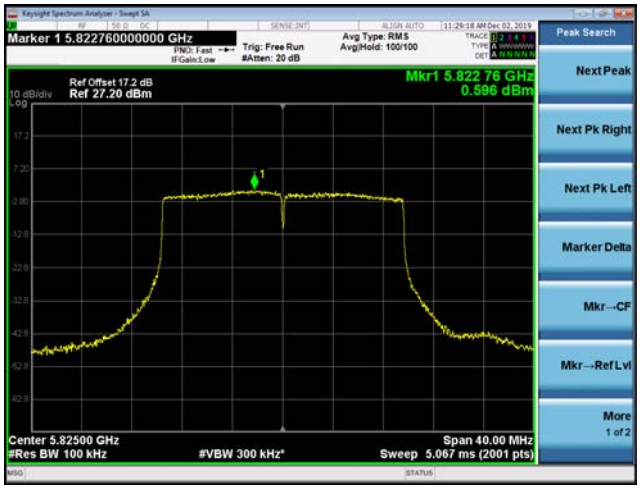
802.11ax-HE20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

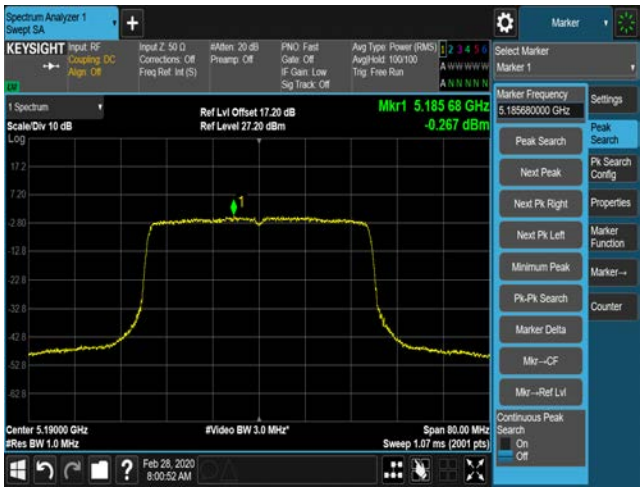
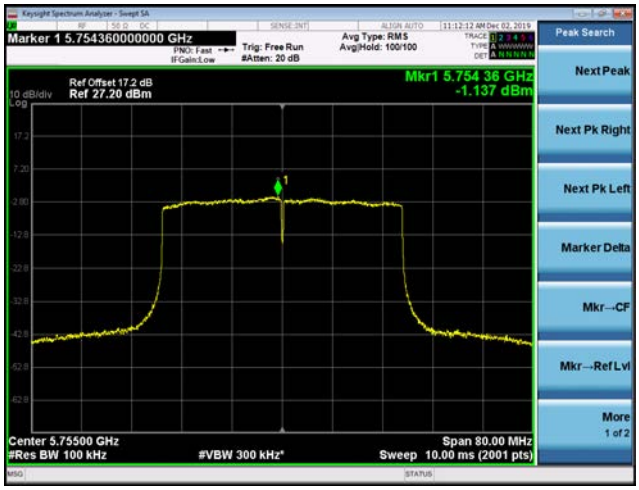
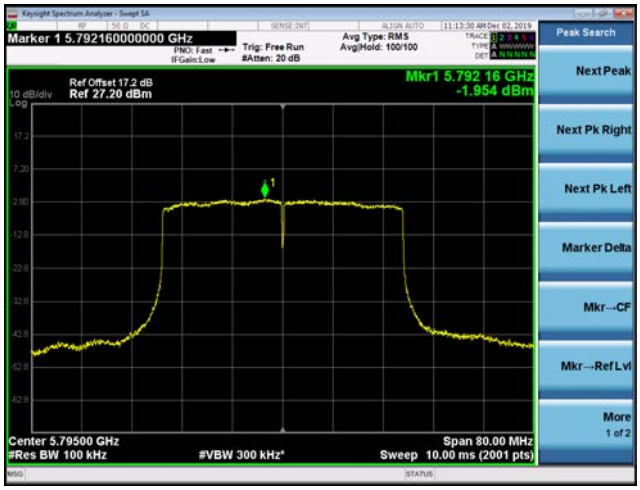
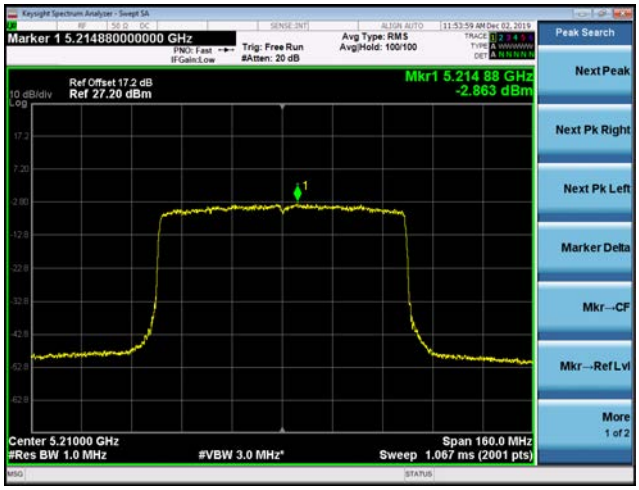
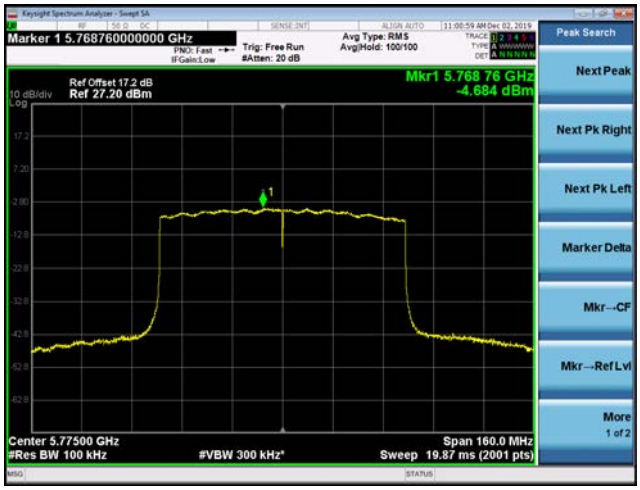
802.11ax-HE40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ax-HE80 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

802.11a Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11n-HT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11n-HT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	

802.11ax-HE20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 36 (5180MHz)	Channel 44 (5220MHz)
	
Channel 48 (5240MHz)	Channel 149 (5745MHz)
	
Channel 157 (5785MHz)	Channel 165 (5825MHz)
	

802.11ax-HE40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 38 (5190MHz)	Channel 46 (5230MHz)
	
Channel 151 (5755MHz)	Channel 159 (5795MHz)
	
802.11ax-HE80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

7.7. Frequency Stability Measurement

7.7.1.Test Limit

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

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

7.7.2.Test Procedure Used

Frequency Stability Under Temperature Variations:

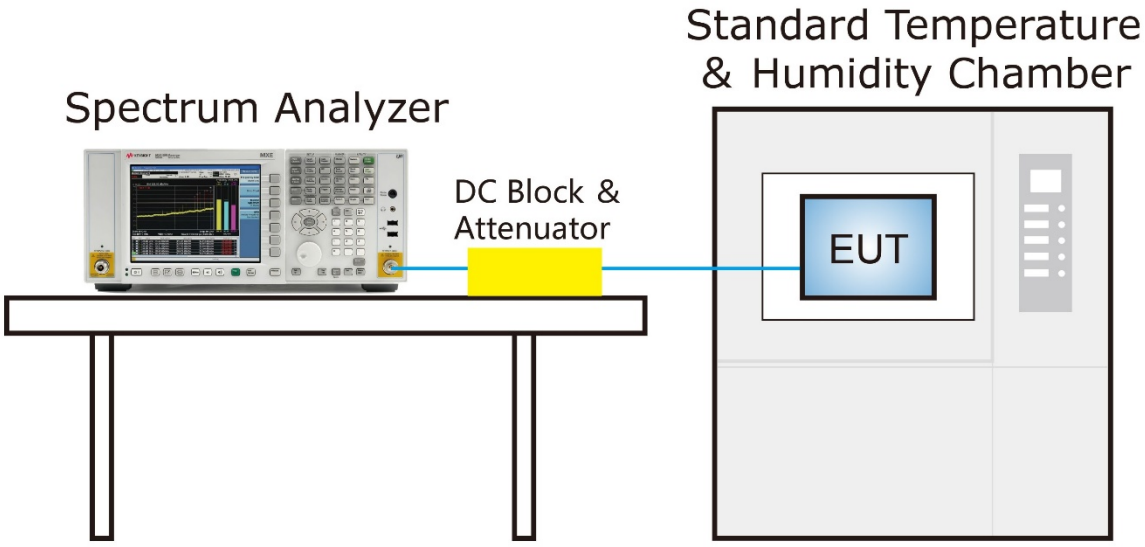
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain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

Frequency Stability Under Voltage Variations:

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

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

7.7.3.Test Setup



7.7.4.Test Result

Test Engineer	Eric Xu	Temperature	-40 ~ 50°C
Test Time	2019/12/20	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	TR3
Configuration	DAP645-RW	Test Item	Frequency Stability

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	-40	2.71	2.85	2.81	2.67
		-30	2.71	2.84	2.81	2.97
		-20	2.72	2.87	2.85	2.73
		-10	2.74	2.79	2.85	2.90
		0	2.76	2.60	2.71	2.55
		+ 10	2.78	2.93	2.91	3.05
		+ 20 (Ref)	2.91	3.00	2.96	2.98
		+ 30	2.87	2.98	3.03	2.95
		+ 40	2.85	2.68	2.59	2.63
		+ 50	2.83	2.83	2.77	2.90
115%	138	+ 20	2.81	2.83	2.82	2.73
85%	102	+ 20	2.79	2.66	2.73	2.83

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

7.8. Radiated Spurious Emission Measurement

7.8.1.Test Limit

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

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

7.8.2.Test Procedure Used

KDB 789033 D02v02r01 – Section G

7.8.3.Test Setting

Quasi-Peak & Average Measurements below30MHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 200Hz for 9kHz to 150kHz frequency; RBW = 9kHz for 0.15MHz to 30MHz frequency
4. Detector = CISPR quasi-peak or power average (Average)
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = 120 kHz
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

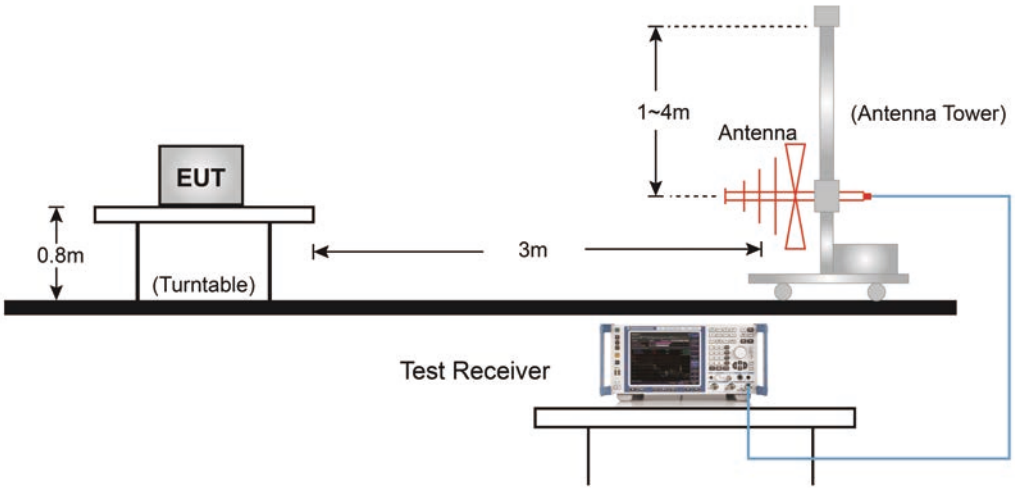
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method AD)

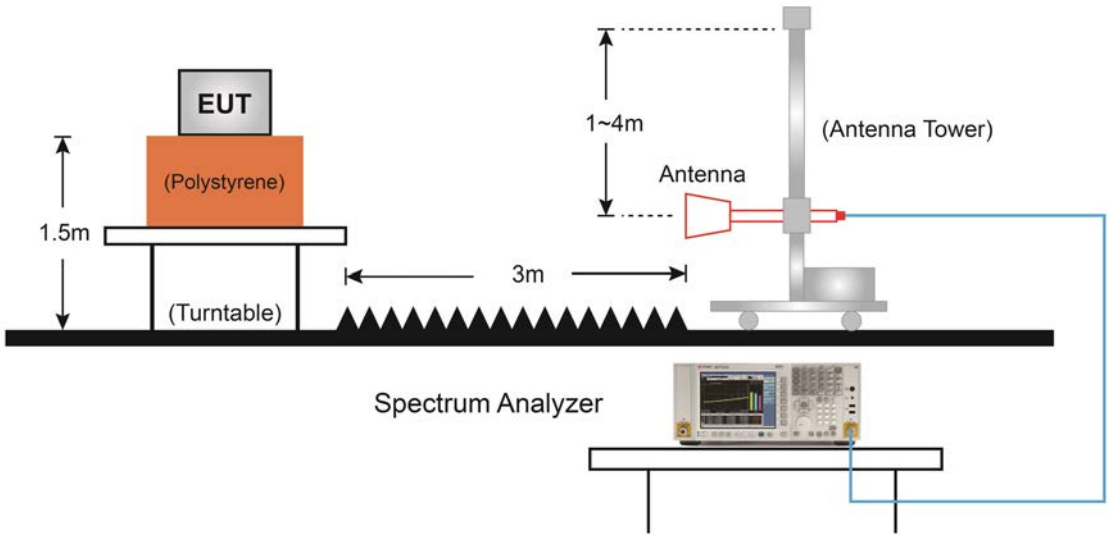
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. Ifduty cycle ≥ 98%, VBW ≤ RBW/100 but not less than 10Hz; If duty cycle < 98%, set VBW≥1/T.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

7.8.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



7.8.5.Test Result

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	36
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	31.5	11.9	43.4	74.0	-30.6	Peak	Horizontal
*	7851.0	32.7	11.5	44.2	68.2	-24.0	Peak	Horizontal
*	8760.5	31.5	12.7	44.2	68.2	-24.0	Peak	Horizontal
	12075.5	30.3	19.7	50.0	74.0	-24.0	Peak	Horizontal
	7519.5	32.7	11.6	44.3	74.0	-29.7	Peak	Vertical
*	8692.5	31.5	12.4	43.9	68.2	-24.3	Peak	Vertical
*	9865.5	31.9	14.1	46.0	68.2	-22.2	Peak	Vertical
	11667.5	30.6	19.6	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	44
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7315.5	31.9	11.9	43.8	74.0	-30.2	Peak	Horizontal
*	8726.5	30.2	12.8	43.0	68.2	-25.2	Peak	Horizontal
*	10290.5	31.4	15.6	47.0	68.2	-21.2	Peak	Horizontal
	11582.5	30.0	19.5	49.5	74.0	-24.5	Peak	Horizontal
	7519.5	32.2	11.6	43.8	74.0	-30.2	Peak	Vertical
*	8913.5	31.5	12.5	44.0	68.2	-24.2	Peak	Vertical
*	10248.0	31.4	15.5	46.9	68.2	-21.3	Peak	Vertical
	11446.5	30.2	19.3	49.5	74.0	-24.5	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	48
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7638.5	32.4	11.3	43.7	74.0	-30.4	Peak	Horizontal
*	9797.5	32.1	14.1	46.2	68.2	-22.0	Peak	Horizontal
*	10248.0	31.7	15.5	47.2	68.2	-21.0	Peak	Horizontal
	12016.0	29.9	19.6	49.5	74.0	-24.5	Peak	Horizontal
	7536.5	30.3	11.7	42.0	74.0	-32.0	Peak	Vertical
*	8811.5	30.1	12.8	42.9	68.2	-25.3	Peak	Vertical
*	10214.0	30.2	15.0	45.2	68.2	-23.0	Peak	Vertical
	11710.0	31.1	19.7	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	149
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7664.0	32.4	11.4	43.8	74.0	-30.2	Peak	Horizontal
*	7893.5	31.9	11.6	43.5	68.2	-24.7	Peak	Horizontal
*	9746.5	33.6	13.9	47.5	68.2	-20.7	Peak	Horizontal
	10928.0	31.1	18.3	49.4	74.0	-24.6	Peak	Horizontal
	8199.5	32.5	11.5	44.0	74.0	-30.0	Peak	Vertical
*	8692.5	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	9942.0	30.8	14.1	44.9	68.2	-23.3	Peak	Vertical
	10681.5	29.6	17.2	46.8	74.0	-27.2	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	157
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	32.9	11.4	44.3	74.0	-29.7	Peak	Horizontal
*	7961.5	32.4	11.6	44.0	68.2	-24.2	Peak	Horizontal
*	10375.5	31.8	16.1	47.9	68.2	-20.3	Peak	Horizontal
	11650.5	30.2	19.7	49.9	74.0	-24.1	Peak	Horizontal
	7434.5	31.8	11.8	43.6	74.0	-30.4	Peak	Vertical
*	8811.5	29.6	12.8	42.4	68.2	-25.8	Peak	Vertical
*	10307.5	31.4	15.7	47.1	68.2	-21.1	Peak	Vertical
	12016.0	30.0	19.6	49.6	74.0	-24.4	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	165
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	30.9	11.7	42.6	74.0	-31.4	Peak	Horizontal
*	8658.5	31.4	12.3	43.7	68.2	-24.5	Peak	Horizontal
*	9262.0	30.0	13.8	43.8	68.2	-24.4	Peak	Horizontal
	10851.5	31.7	17.9	49.6	74.0	-24.4	Peak	Horizontal
	7511.0	32.1	11.6	43.7	74.0	-30.3	Peak	Vertical
*	8582.0	33.8	12.0	45.8	68.2	-22.4	Peak	Vertical
*	9993.0	30.1	14.3	44.4	68.2	-23.8	Peak	Vertical
	11540.0	30.4	19.9	50.3	74.0	-23.7	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	36
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	32.5	11.9	44.4	74.0	-29.6	Peak	Horizontal
*	8769.0	30.0	12.7	42.7	68.2	-25.5	Peak	Horizontal
*	10469.0	33.0	16.3	49.3	68.2	-18.9	Peak	Horizontal
	10911.0	32.0	18.3	50.3	74.0	-23.7	Peak	Horizontal
	7545.0	31.8	11.9	43.7	74.0	-30.3	Peak	Vertical
*	8701.0	31.1	12.5	43.6	68.2	-24.6	Peak	Vertical
*	10086.5	31.4	14.7	46.1	68.2	-22.1	Peak	Vertical
	10894.0	30.7	18.3	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	44
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.2	11.8	44.0	74.0	-30.0	Peak	Horizontal
*	8760.5	31.5	12.7	44.2	68.2	-24.0	Peak	Horizontal
*	9712.5	32.5	13.7	46.2	68.2	-22.0	Peak	Horizontal
	10902.5	31.2	18.3	49.5	74.0	-24.5	Peak	Horizontal
	7366.5	30.9	11.9	42.8	74.0	-31.2	Peak	Vertical
*	8769.0	29.1	12.7	41.8	68.2	-26.4	Peak	Vertical
*	9755.0	32.8	14.0	46.8	68.2	-21.4	Peak	Vertical
	10834.5	31.0	17.7	48.7	74.0	-25.3	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	48
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.2	11.8	44.0	74.0	-30.0	Peak	Horizontal
*	7893.5	32.0	11.6	43.6	68.2	-24.6	Peak	Horizontal
*	8633.0	32.5	12.2	44.7	68.2	-23.5	Peak	Horizontal
	9083.5	31.5	13.1	44.6	74.0	-29.4	Peak	Horizontal
	7485.5	32.6	12.0	44.6	74.0	-29.4	Peak	Vertical
*	7987.0	30.6	11.6	42.2	68.2	-26.0	Peak	Vertical
*	8735.0	30.3	12.8	43.1	68.2	-25.1	Peak	Vertical
	10885.5	31.4	18.3	49.7	74.0	-24.3	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	149
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	32.4	12.0	44.4	74.0	-29.6	Peak	Horizontal
*	8004.0	32.7	11.7	44.4	68.2	-23.8	Peak	Horizontal
*	9780.5	32.1	14.0	46.1	68.2	-22.1	Peak	Horizontal
	10860.0	31.6	17.9	49.5	74.0	-24.5	Peak	Horizontal
	8174.0	33.4	11.6	45.0	74.0	-29.0	Peak	Vertical
*	8599.0	31.7	12.1	43.8	68.2	-24.4	Peak	Vertical
*	9661.5	33.5	13.6	47.1	68.2	-21.1	Peak	Vertical
	10962.0	32.0	18.5	50.5	74.0	-23.5	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	157
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	30.3	11.8	42.1	74.0	-31.9	Peak	Horizontal
*	8582.0	32.4	12.0	44.4	68.2	-23.8	Peak	Horizontal
*	9576.5	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
	10945.0	31.9	18.4	50.3	74.0	-23.7	Peak	Horizontal
	7315.5	32.8	11.9	44.7	74.0	-29.3	Peak	Vertical
*	8675.5	32.1	12.3	44.4	68.2	-23.8	Peak	Vertical
*	9772.0	33.1	14.0	47.1	68.2	-21.1	Peak	Vertical
	11514.5	30.5	19.5	50.0	74.0	-24.0	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	165
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	32.1	12.0	44.1	74.0	-29.9	Peak	Horizontal
*	8726.5	31.5	12.8	44.3	68.2	-23.9	Peak	Horizontal
*	9678.5	31.5	13.6	45.1	68.2	-23.1	Peak	Horizontal
	10681.5	32.6	17.2	49.8	74.0	-24.2	Peak	Horizontal
	7443.0	32.1	11.8	43.9	74.0	-30.1	Peak	Vertical
*	8616.0	30.8	12.1	42.9	68.2	-25.3	Peak	Vertical
*	10392.5	31.5	16.3	47.8	68.2	-20.4	Peak	Vertical
	11523.0	30.1	19.5	49.6	74.0	-24.4	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	38
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	32.0	11.9	43.9	74.0	-30.1	Peak	Horizontal
*	7953.0	33.7	11.6	45.3	68.2	-22.9	Peak	Horizontal
*	8718.0	32.0	12.8	44.8	68.2	-23.4	Peak	Horizontal
	9185.5	31.3	13.6	44.9	74.0	-29.1	Peak	Horizontal
	7324.0	32.0	12.0	44.0	74.0	-30.0	Peak	Vertical
*	7825.5	32.2	11.5	43.7	68.2	-24.5	Peak	Vertical
*	9993.0	30.1	14.3	44.4	68.2	-23.8	Peak	Vertical
	10936.5	32.1	18.3	50.4	74.0	-23.6	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	46
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7307.0	31.6	11.9	43.5	74.0	-30.5	Peak	Horizontal
*	8616.0	30.6	12.1	42.7	68.2	-25.5	Peak	Horizontal
*	10265.0	32.0	15.4	47.4	68.2	-20.8	Peak	Horizontal
	12143.5	30.3	19.7	50.0	74.0	-24.0	Peak	Horizontal
	7273.0	31.5	11.8	43.3	74.0	-30.7	Peak	Vertical
*	7944.5	33.0	11.6	44.6	68.2	-23.6	Peak	Vertical
*	8718.0	31.4	12.8	44.2	68.2	-24.0	Peak	Vertical
	9423.5	30.5	13.3	43.8	74.0	-30.2	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	151
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	32.1	11.6	43.7	74.0	-30.3	Peak	Horizontal
*	8879.5	32.8	12.7	45.5	68.2	-22.7	Peak	Horizontal
*	9857.0	31.0	14.1	45.1	68.2	-23.1	Peak	Horizontal
	10928.0	32.1	18.3	50.4	74.0	-23.6	Peak	Horizontal
	7511.0	32.1	11.6	43.7	74.0	-30.3	Peak	Vertical
*	7893.5	31.6	11.6	43.2	68.2	-25.0	Peak	Vertical
*	8922.0	31.0	12.5	43.5	68.2	-24.7	Peak	Vertical
	11106.5	30.7	18.4	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	159
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.1	11.7	43.8	74.0	-30.2	Peak	Horizontal
*	8616.0	31.6	12.1	43.7	68.2	-24.5	Peak	Horizontal
*	10579.5	32.1	16.8	48.9	68.2	-19.3	Peak	Horizontal
	11497.5	29.5	19.9	49.4	74.0	-24.6	Peak	Horizontal
	7468.5	30.7	11.8	42.5	74.0	-31.5	Peak	Vertical
*	8692.5	31.0	12.4	43.4	68.2	-24.8	Peak	Vertical
*	9636.0	31.7	13.7	45.4	68.2	-22.8	Peak	Vertical
	10902.5	32.2	18.3	50.5	74.0	-23.5	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	36
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	32.6	11.8	44.4	74.0	-29.6	Peak	Horizontal
*	7859.5	32.6	11.6	44.2	68.2	-24.0	Peak	Horizontal
*	8701.0	31.9	12.5	44.4	68.2	-23.8	Peak	Horizontal
	9092.0	32.6	13.3	45.9	74.0	-28.1	Peak	Horizontal
	7494.0	31.9	12.0	43.9	74.0	-30.1	Peak	Vertical
*	8692.5	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	9636.0	31.4	13.7	45.1	68.2	-23.1	Peak	Vertical
	10894.0	30.6	18.3	48.9	74.0	-25.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	44
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	32.1	11.9	44.0	74.0	-30.0	Peak	Horizontal
*	7808.5	33.6	11.5	45.1	68.2	-23.1	Peak	Horizontal
*	8896.5	32.0	12.6	44.6	68.2	-23.6	Peak	Horizontal
	9168.5	32.0	13.8	45.8	74.0	-28.2	Peak	Horizontal
	7324.0	32.0	12.0	44.0	74.0	-30.0	Peak	Vertical
*	8718.0	32.2	12.8	45.0	68.2	-23.2	Peak	Vertical
*	9814.5	30.2	14.1	44.3	68.2	-23.9	Peak	Vertical
	10894.0	31.3	18.3	49.6	74.0	-24.4	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	48
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.2	11.8	44.0	74.0	-30.0	Peak	Horizontal
*	8658.5	31.6	12.3	43.9	68.2	-24.3	Peak	Horizontal
*	10520.0	31.9	16.7	48.6	68.2	-19.6	Peak	Horizontal
	11565.5	31.4	19.5	50.9	74.0	-23.1	Peak	Horizontal
	7596.0	32.2	11.5	43.7	74.0	-30.3	Peak	Vertical
*	8743.5	32.0	12.7	44.7	68.2	-23.5	Peak	Vertical
*	10146.0	31.8	14.9	46.7	68.2	-21.5	Peak	Vertical
	10834.5	31.5	17.7	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	149
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	33.5	11.8	45.3	74.0	-28.7	Peak	Horizontal
*	7953.0	34.5	11.6	46.1	68.2	-22.1	Peak	Horizontal
*	9704.0	34.6	13.7	48.3	68.2	-19.9	Peak	Horizontal
	11429.5	31.4	19.3	50.7	74.0	-23.3	Peak	Horizontal
	7468.5	33.7	11.8	45.5	74.0	-28.5	Peak	Vertical
*	8667.0	33.8	12.3	46.1	68.2	-22.1	Peak	Vertical
*	9704.0	34.9	13.7	48.6	68.2	-19.6	Peak	Vertical
	11353.0	28.6	18.7	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	157
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8097.5	34.4	11.6	46.0	74.0	-28.0	Peak	Horizontal
*	8624.5	33.0	12.1	45.1	68.2	-23.1	Peak	Horizontal
*	9687.0	34.4	13.6	48.0	68.2	-20.2	Peak	Horizontal
	11489.0	31.2	20.2	51.4	74.0	-22.6	Peak	Horizontal
	7256.0	34.1	11.9	46.0	74.0	-28.0	Peak	Vertical
*	8667.0	34.1	12.3	46.4	68.2	-21.8	Peak	Vertical
*	9746.5	34.2	13.9	48.1	68.2	-20.1	Peak	Vertical
	11132.0	32.9	18.3	51.2	74.0	-22.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	165
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	34.0	11.7	45.7	74.0	-28.3	Peak	Horizontal
*	8735.0	32.7	12.8	45.5	68.2	-22.7	Peak	Horizontal
*	10154.5	33.2	14.9	48.1	68.2	-20.1	Peak	Horizontal
	11540.0	31.8	19.9	51.7	74.0	-22.3	Peak	Horizontal
	7477.0	33.8	11.9	45.7	74.0	-28.3	Peak	Vertical
*	8624.5	33.7	12.1	45.8	68.2	-22.4	Peak	Vertical
*	9772.0	35.9	14.0	49.9	68.2	-18.3	Peak	Vertical
	11591.0	31.5	19.8	51.3	74.0	-22.7	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	38
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7706.5	32.6	11.4	44.0	74.0	-30.0	Peak	Horizontal
*	8658.5	31.2	12.3	43.5	68.2	-24.7	Peak	Horizontal
*	9916.5	33.0	14.1	47.1	68.2	-21.1	Peak	Horizontal
	10885.5	31.0	18.3	49.3	74.0	-24.7	Peak	Horizontal
	7332.5	32.5	11.8	44.3	74.0	-29.7	Peak	Vertical
*	8556.5	32.8	11.8	44.6	68.2	-23.6	Peak	Vertical
*	10137.5	31.7	15.1	46.8	68.2	-21.4	Peak	Vertical
	11540.0	30.9	19.9	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	46
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	32.1	12.0	44.1	74.0	-29.9	Peak	Horizontal
*	7936.0	33.5	11.6	45.1	68.2	-23.1	Peak	Horizontal
*	8658.5	31.4	12.3	43.7	68.2	-24.5	Peak	Horizontal
	11489.0	29.6	20.2	49.8	74.0	-24.2	Peak	Horizontal
	7553.5	32.5	11.8	44.3	74.0	-29.7	Peak	Vertical
*	8803.0	31.6	12.9	44.5	68.2	-23.7	Peak	Vertical
*	9627.5	33.0	13.6	46.6	68.2	-21.6	Peak	Vertical
	10902.5	32.0	18.3	50.3	74.0	-23.7	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	151
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	31.8	11.8	43.6	74.0	-30.4	Peak	Horizontal
*	8675.5	32.5	12.3	44.8	68.2	-23.4	Peak	Horizontal
*	10171.5	31.7	15.1	46.8	68.2	-21.4	Peak	Horizontal
	11965.0	27.5	19.4	46.9	74.0	-27.1	Peak	Horizontal
	7562.0	33.1	11.6	44.7	74.0	-29.3	Peak	Vertical
*	8709.5	33.1	12.6	45.7	68.2	-22.5	Peak	Vertical
*	9636.0	31.8	13.7	45.5	68.2	-22.7	Peak	Vertical
	10877.0	31.6	18.3	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	159
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	32.4	11.4	43.8	74.0	-30.2	Peak	Horizontal
*	8692.5	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
*	9678.5	31.3	13.6	44.9	68.2	-23.3	Peak	Horizontal
	10749.5	32.5	17.2	49.7	74.0	-24.3	Peak	Horizontal
	7664.0	32.7	11.4	44.1	74.0	-29.9	Peak	Vertical
*	8667.0	31.9	12.3	44.2	68.2	-24.0	Peak	Vertical
*	10426.5	32.2	16.0	48.2	68.2	-20.0	Peak	Vertical
	10860.0	32.1	17.9	50.0	74.0	-24.0	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	42
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	33.2	11.7	44.9	74.0	-29.1	Peak	Horizontal
*	9602.0	33.9	13.6	47.5	68.2	-20.7	Peak	Horizontal
*	10503.0	33.2	16.7	49.9	68.2	-18.3	Peak	Horizontal
	11489.0	31.3	20.2	51.5	74.0	-22.5	Peak	Horizontal
	7477.0	33.7	11.9	45.6	74.0	-28.4	Peak	Vertical
*	9245.0	33.4	13.6	47.0	68.2	-21.2	Peak	Vertical
*	10528.5	33.0	16.6	49.6	68.2	-18.6	Peak	Vertical
	11344.5	30.1	18.8	48.9	74.0	-25.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	155
Model No.	DAP645-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8123.0	34.1	11.7	45.8	74.0	-28.2	Peak	Horizontal
*	8888.0	30.9	12.7	43.6	68.2	-24.6	Peak	Horizontal
*	9551.0	35.2	13.5	48.7	68.2	-19.5	Peak	Horizontal
	12084.0	32.2	19.9	52.1	74.0	-21.9	Peak	Horizontal
	7545.0	33.5	11.9	45.4	74.0	-28.6	Peak	Vertical
*	7902.0	34.4	11.6	46.0	68.2	-22.2	Peak	Vertical
*	9763.5	34.6	14.0	48.6	68.2	-19.6	Peak	Vertical
	10877.0	33.3	18.3	51.6	74.0	-22.4	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	36
Model No.	DAP645-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7086.0	31.9	11.9	43.8	68.2	-24.4	Peak	Horizontal
*	7885.0	33.3	11.8	45.1	68.2	-23.1	Peak	Horizontal
	8276.0	30.2	12.3	42.5	74.0	-31.5	Peak	Horizontal
	9100.5	28.9	14.5	43.4	74.0	-30.6	Peak	Horizontal
*	7069.0	32.6	11.5	44.1	68.2	-24.1	Peak	Vertical
*	7808.5	33.4	11.8	45.2	68.2	-23.0	Peak	Vertical
	8395.0	32.6	12.4	45.0	74.0	-29.0	Peak	Vertical
	9049.5	30.4	14.2	44.6	74.0	-29.4	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	44
Model No.	DAP645-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7086.0	32.8	11.9	44.7	68.2	-23.5	Peak	Horizontal
*	7842.5	30.9	11.9	42.8	68.2	-25.4	Peak	Horizontal
	8276.0	31.2	12.3	43.5	74.0	-30.5	Peak	Horizontal
	9049.5	30.3	14.2	44.5	74.0	-29.5	Peak	Horizontal
*	7086.0	32.3	11.9	44.2	68.2	-24.0	Peak	Vertical
*	7851.0	33.1	12.0	45.1	68.2	-23.1	Peak	Vertical
	8242.0	30.1	12.5	42.6	74.0	-31.4	Peak	Vertical
	9134.5	30.2	14.7	44.9	74.0	-29.1	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	48
Model No.	DAP645-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6848.0	34.3	9.8	44.1	68.2	-24.1	Peak	Horizontal
*	7834.0	34.7	11.9	46.6	68.2	-21.6	Peak	Horizontal
	8369.5	33.2	12.3	45.5	74.0	-28.5	Peak	Horizontal
	9109.0	29.2	14.6	43.8	74.0	-30.2	Peak	Horizontal
*	7171.0	32.8	11.8	44.6	68.2	-23.6	Peak	Vertical
*	7910.5	31.6	12.2	43.8	68.2	-24.4	Peak	Vertical
	8395.0	32.2	12.4	44.6	74.0	-29.4	Peak	Vertical
	9151.5	30.3	14.7	45.0	74.0	-29.0	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	149
Model No.	DAP645-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7026.5	34.3	10.8	45.1	68.2	-23.1	Peak	Horizontal
*	7808.5	32.6	11.8	44.4	68.2	-23.8	Peak	Horizontal
	8225.0	31.5	12.3	43.8	74.0	-30.2	Peak	Horizontal
	9092.0	31.5	14.5	46.0	74.0	-28.0	Peak	Horizontal
*	7086.0	33.5	11.9	45.4	68.2	-22.8	Peak	Vertical
*	7961.5	32.8	12.4	45.2	68.2	-23.0	Peak	Vertical
	8352.5	30.2	12.4	42.6	74.0	-31.4	Peak	Vertical
	9092.0	29.8	14.5	44.3	74.0	-29.7	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	157
Model No.	DAP645-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7094.5	32.9	11.8	44.7	68.2	-23.5	Peak	Horizontal
*	7842.5	32.8	11.9	44.7	68.2	-23.5	Peak	Horizontal
	8276.0	30.9	12.3	43.2	74.0	-30.8	Peak	Horizontal
	9168.5	30.4	14.5	44.9	74.0	-29.1	Peak	Horizontal
*	6465.5	33.7	8.4	42.1	68.2	-26.1	Peak	Vertical
*	7086.0	32.5	11.9	44.4	68.2	-23.8	Peak	Vertical
	7528.0	33.5	11.8	45.3	74.0	-28.7	Peak	Vertical
	8344.0	32.0	12.5	44.5	74.0	-29.5	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	165
Model No.	DAP645-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6508.0	33.7	8.6	42.3	68.2	-25.9	Peak	Horizontal
*	7188.0	32.8	11.9	44.7	68.2	-23.5	Peak	Horizontal
	7740.5	33.1	11.9	45.0	74.0	-29.0	Peak	Horizontal
	8386.5	31.8	12.3	44.1	74.0	-29.9	Peak	Horizontal
*	7188.0	32.8	11.9	44.7	68.2	-23.5	Peak	Vertical
*	7987.0	32.2	12.4	44.6	68.2	-23.6	Peak	Vertical
	8352.5	30.9	12.4	43.3	74.0	-30.7	Peak	Vertical
	9134.5	28.8	14.7	43.5	74.0	-30.5	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596.0	38.3	11.8	50.1	74.0	-23.9	Peak	Horizontal
*	7961.5	38.1	12.4	50.5	68.2	-17.7	Peak	Horizontal
	8259.0	39.1	12.3	51.4	74.0	-22.6	Peak	Horizontal
*	8769.0	37.5	14.2	51.7	68.2	-16.5	Peak	Horizontal
	7621.5	38.8	11.6	50.4	74.0	-23.6	Peak	Vertical
*	7953.0	38.4	12.5	50.9	68.2	-17.3	Peak	Vertical
	8140.0	38.7	12.4	51.1	74.0	-22.9	Peak	Vertical
*	8845.5	38.1	14.3	52.4	68.2	-15.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	44
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	37.2	11.8	49.0	74.0	-25.0	Peak	Horizontal
*	7919.0	37.7	12.3	50.0	68.2	-18.2	Peak	Horizontal
	8250.5	37.9	12.2	50.1	74.0	-23.9	Peak	Horizontal
*	8599.0	37.7	13.4	51.1	68.2	-17.1	Peak	Horizontal
	7502.5	36.7	11.9	48.6	74.0	-25.4	Peak	Vertical
*	7876.5	38.2	12.1	50.3	68.2	-17.9	Peak	Vertical
	8148.5	38.8	12.5	51.3	74.0	-22.7	Peak	Vertical
*	8777.5	37.5	14.1	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	48
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7579.0	37.7	11.6	49.3	74.0	-24.7	Peak	Horizontal
*	7953.0	38.2	12.5	50.7	68.2	-17.5	Peak	Horizontal
	8114.5	38.8	12.6	51.4	74.0	-22.6	Peak	Horizontal
*	8828.5	37.2	14.3	51.5	68.2	-16.7	Peak	Horizontal
	7562.0	37.7	11.7	49.4	74.0	-24.6	Peak	Vertical
*	7834.0	37.3	11.9	49.2	68.2	-19.0	Peak	Vertical
	8182.5	38.9	12.4	51.3	74.0	-22.7	Peak	Vertical
*	8692.5	36.9	14.0	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	149
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	36.8	11.8	48.6	74.0	-25.4	Peak	Horizontal
*	7961.5	37.1	12.4	49.5	68.2	-18.7	Peak	Horizontal
	8437.5	37.5	12.7	50.2	74.0	-23.8	Peak	Horizontal
*	8947.5	37.1	14.3	51.4	68.2	-16.8	Peak	Horizontal
	7604.5	36.9	11.8	48.7	74.0	-25.3	Peak	Vertical
*	7876.5	37.2	12.1	49.3	68.2	-18.9	Peak	Vertical
	8301.5	37.7	12.2	49.9	74.0	-24.1	Peak	Vertical
*	8743.5	36.7	14.1	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	157
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	38.0	11.6	49.6	74.0	-24.4	Peak	Horizontal
*	8004.0	37.0	12.5	49.5	68.2	-18.7	Peak	Horizontal
	8174.0	37.2	12.4	49.6	74.0	-24.4	Peak	Horizontal
*	8616.0	36.8	13.5	50.3	68.2	-17.9	Peak	Horizontal
	7528.0	38.3	11.8	50.1	74.0	-23.9	Peak	Vertical
*	7808.5	35.4	11.7	47.1	68.2	-21.1	Peak	Vertical
	8165.5	36.3	12.4	48.7	74.0	-25.3	Peak	Vertical
*	8726.5	37.2	13.9	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	165
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630.0	37.5	11.5	49.0	74.0	-25.0	Peak	Horizontal
*	7927.5	37.9	12.4	50.3	68.2	-17.9	Peak	Horizontal
	8208.0	37.2	12.3	49.5	74.0	-24.5	Peak	Horizontal
*	8769.0	35.8	14.2	50.0	68.2	-18.2	Peak	Horizontal
	7477.0	37.9	11.7	49.6	74.0	-24.4	Peak	Vertical
*	7927.5	37.0	12.4	49.4	68.2	-18.8	Peak	Vertical
	8412.0	37.6	12.3	49.9	74.0	-24.1	Peak	Vertical
*	8820.0	35.5	14.3	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	36
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	36.9	11.8	48.7	74.0	-25.3	Peak	Horizontal
*	7953.0	36.2	12.5	48.7	68.2	-19.5	Peak	Horizontal
	8301.5	38.0	12.2	50.2	74.0	-23.8	Peak	Horizontal
*	8701.0	36.6	14.0	50.6	68.2	-17.6	Peak	Horizontal
	7672.5	37.1	11.5	48.6	74.0	-25.4	Peak	Vertical
*	7876.5	36.8	12.1	48.9	68.2	-19.3	Peak	Vertical
	8191.0	38.1	12.4	50.5	74.0	-23.5	Peak	Vertical
*	8667.0	36.8	13.8	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	44
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	36.9	11.9	48.8	74.0	-25.2	Peak	Horizontal
*	8012.5	39.0	12.6	51.6	68.2	-16.6	Peak	Horizontal
	8352.5	37.7	12.3	50.0	74.0	-24.0	Peak	Horizontal
*	8845.5	36.1	14.3	50.4	68.2	-17.8	Peak	Horizontal
	7400.5	35.7	11.8	47.5	74.0	-26.5	Peak	Vertical
*	7927.5	37.2	12.4	49.6	68.2	-18.6	Peak	Vertical
	8369.5	38.0	12.3	50.3	74.0	-23.7	Peak	Vertical
*	8752.0	37.7	14.2	51.9	68.2	-16.3	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	48
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	37.6	11.8	49.4	74.0	-24.6	Peak	Horizontal
*	7902.0	38.2	12.1	50.3	68.2	-17.9	Peak	Horizontal
	8182.5	38.2	12.4	50.6	74.0	-23.4	Peak	Horizontal
*	8752.0	37.0	14.2	51.2	68.2	-17.0	Peak	Horizontal
	7536.5	37.3	11.8	49.1	74.0	-24.9	Peak	Vertical
*	7893.5	37.5	12.1	49.6	68.2	-18.6	Peak	Vertical
	8165.5	37.5	12.4	49.9	74.0	-24.1	Peak	Vertical
*	8650.0	36.9	13.7	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	149
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	38.4	11.8	50.2	74.0	-23.8	Peak	Horizontal
*	7919.0	37.9	12.3	50.2	68.2	-18.0	Peak	Horizontal
	8191.0	38.3	12.4	50.7	74.0	-23.3	Peak	Horizontal
*	8633.0	36.0	13.5	49.5	68.2	-18.7	Peak	Horizontal
	7341.0	37.7	11.8	49.5	74.0	-24.5	Peak	Vertical
*	7876.5	36.3	12.1	48.4	68.2	-19.8	Peak	Vertical
	8038.0	37.6	12.6	50.2	74.0	-23.8	Peak	Vertical
*	8879.5	36.1	14.2	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	157
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7545.0	37.4	11.7	49.1	74.0	-24.9	Peak	Horizontal
*	7808.5	38.5	11.7	50.2	68.2	-18.0	Peak	Horizontal
	8301.5	37.7	12.2	49.9	74.0	-24.1	Peak	Horizontal
*	8616.0	36.4	13.5	49.9	68.2	-18.3	Peak	Horizontal
	7596.0	37.3	11.8	49.1	74.0	-24.9	Peak	Vertical
*	7910.5	38.2	12.2	50.4	68.2	-17.8	Peak	Vertical
	8361.0	37.2	12.4	49.6	74.0	-24.4	Peak	Vertical
*	8777.5	36.0	14.1	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	165
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	37.0	11.9	48.9	74.0	-25.1	Peak	Horizontal
*	7961.5	37.3	12.4	49.7	68.2	-18.5	Peak	Horizontal
	8276.0	37.7	12.3	50.0	74.0	-24.0	Peak	Horizontal
*	8701.0	36.3	14.0	50.3	68.2	-17.9	Peak	Horizontal
	7613.0	37.6	11.8	49.4	74.0	-24.6	Peak	Vertical
*	7885.0	36.5	12.1	48.6	68.2	-19.6	Peak	Vertical
	8242.0	36.8	12.2	49.0	74.0	-25.0	Peak	Vertical
*	8658.5	35.2	13.7	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	38
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7417.5	37.1	11.8	48.9	74.0	-25.1	Peak	Horizontal
*	7936.0	37.2	12.5	49.7	68.2	-18.5	Peak	Horizontal
	8276.0	37.4	12.3	49.7	74.0	-24.3	Peak	Horizontal
*	8692.5	35.6	14.0	49.6	68.2	-18.6	Peak	Horizontal
	7409.0	37.8	11.8	49.6	74.0	-24.4	Peak	Vertical
*	7876.5	36.7	12.1	48.8	68.2	-19.4	Peak	Vertical
	8361.0	37.7	12.4	50.1	74.0	-23.9	Peak	Vertical
*	8599.0	36.5	13.4	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	46
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	37.5	11.7	49.2	74.0	-24.8	Peak	Horizontal
*	7910.5	37.3	12.2	49.5	68.2	-18.7	Peak	Horizontal
	8386.5	37.2	12.4	49.6	74.0	-24.4	Peak	Horizontal
*	8811.5	36.6	14.3	50.9	68.2	-17.3	Peak	Horizontal
	7664.0	37.4	11.4	48.8	74.0	-25.2	Peak	Vertical
*	7868.0	37.1	12.1	49.2	68.2	-19.0	Peak	Vertical
	8242.0	36.1	12.2	48.3	74.0	-25.7	Peak	Vertical
*	8735.0	34.9	14.0	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	151
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	36.5	11.8	48.3	74.0	-25.7	Peak	Horizontal
*	7851.0	36.5	11.9	48.4	68.2	-19.8	Peak	Horizontal
	8276.0	36.9	12.3	49.2	74.0	-24.8	Peak	Horizontal
*	8667.0	36.1	13.8	49.9	68.2	-18.3	Peak	Horizontal
	7604.5	37.5	11.8	49.3	74.0	-24.7	Peak	Vertical
*	7842.5	37.1	11.9	49.0	68.2	-19.2	Peak	Vertical
	8174.0	37.2	12.4	49.6	74.0	-24.4	Peak	Vertical
*	8735.0	36.0	14.0	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	159
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7664.0	37.8	11.4	49.2	74.0	-24.8	Peak	Horizontal
*	7851.0	36.5	11.9	48.4	68.2	-19.8	Peak	Horizontal
	8208.0	37.0	12.3	49.3	74.0	-24.7	Peak	Horizontal
*	8743.5	37.1	14.1	51.2	68.2	-17.0	Peak	Horizontal
	7511.0	38.3	11.9	50.2	74.0	-23.8	Peak	Vertical
*	7953.0	37.6	12.5	50.1	68.2	-18.1	Peak	Vertical
	8165.5	36.7	12.4	49.1	74.0	-24.9	Peak	Vertical
*	8590.5	37.4	13.3	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	36
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	38.0	11.7	49.7	74.0	-24.3	Peak	Horizontal
*	7842.5	36.0	11.9	47.9	68.2	-20.3	Peak	Horizontal
	8437.5	38.3	12.7	51.0	74.0	-23.0	Peak	Horizontal
*	8777.5	37.6	14.1	51.7	68.2	-16.5	Peak	Horizontal
	7630.0	38.3	11.5	49.8	74.0	-24.2	Peak	Vertical
*	7936.0	37.8	12.5	50.3	68.2	-17.9	Peak	Vertical
	8403.5	37.9	12.4	50.3	74.0	-23.7	Peak	Vertical
*	8930.5	38.3	14.3	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	44
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	38.1	11.9	50.0	74.0	-24.0	Peak	Horizontal
*	7978.5	38.1	12.4	50.5	68.2	-17.7	Peak	Horizontal
	8335.5	38.3	12.2	50.5	74.0	-23.5	Peak	Horizontal
*	8777.5	37.4	14.1	51.5	68.2	-16.7	Peak	Horizontal
	7664.0	38.2	11.4	49.6	74.0	-24.4	Peak	Vertical
*	7936.0	37.5	12.5	50.0	68.2	-18.2	Peak	Vertical
	8361.0	37.5	12.4	49.9	74.0	-24.1	Peak	Vertical
*	8854.0	36.5	14.4	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	48
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	38.5	11.6	50.1	74.0	-23.9	Peak	Horizontal
*	7885.0	37.1	12.1	49.2	68.2	-19.0	Peak	Horizontal
	8420.5	38.5	12.5	51.0	74.0	-23.0	Peak	Horizontal
*	8854.0	38.0	14.4	52.4	68.2	-15.8	Peak	Horizontal
	7443.0	38.4	12.1	50.5	74.0	-23.5	Peak	Vertical
*	7953.0	37.0	12.5	49.5	68.2	-18.7	Peak	Vertical
	8140.0	38.4	12.4	50.8	74.0	-23.2	Peak	Vertical
*	8837.0	38.1	14.3	52.4	68.2	-15.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	149
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	37.9	12.1	50.0	74.0	-24.0	Peak	Horizontal
*	7936.0	38.5	12.5	51.0	68.2	-17.2	Peak	Horizontal
	9058.0	37.4	14.5	51.9	74.0	-22.1	Peak	Horizontal
*	9508.5	37.1	16.1	53.2	68.2	-15.0	Peak	Horizontal
	7392.0	37.5	11.8	49.3	74.0	-24.7	Peak	Vertical
*	7808.5	38.5	11.7	50.2	68.2	-18.0	Peak	Vertical
	8488.5	37.9	12.8	50.7	74.0	-23.3	Peak	Vertical
*	8845.5	38.0	14.3	52.3	68.2	-15.9	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	157
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7706.5	38.7	11.6	50.3	74.0	-23.7	Peak	Horizontal
*	8012.5	38.2	12.6	50.8	68.2	-17.4	Peak	Horizontal
	8429.0	38.2	12.7	50.9	74.0	-23.1	Peak	Horizontal
*	8786.0	39.1	13.3	52.4	68.2	-15.8	Peak	Horizontal
	7366.5	37.9	11.9	49.8	74.0	-24.2	Peak	Vertical
*	7936.0	38.2	12.5	50.7	68.2	-17.5	Peak	Vertical
	8412.0	38.3	12.3	50.6	74.0	-23.4	Peak	Vertical
*	8760.5	37.4	14.2	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	165
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	38.1	11.8	49.9	74.0	-24.1	Peak	Horizontal
*	7902.0	36.9	12.1	49.0	68.2	-19.2	Peak	Horizontal
	8250.5	38.5	12.2	50.7	74.0	-23.3	Peak	Horizontal
*	8854.0	37.6	14.4	52.0	68.2	-16.2	Peak	Horizontal
	7349.5	37.8	11.9	49.7	74.0	-24.3	Peak	Vertical
*	7961.5	37.2	12.4	49.6	68.2	-18.6	Peak	Vertical
	8361.0	37.8	12.4	50.2	74.0	-23.8	Peak	Vertical
*	8735.0	38.2	14.0	52.2	68.2	-16.0	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	38
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	38.0	11.8	49.8	74.0	-24.2	Peak	Horizontal
*	7936.0	38.6	12.5	51.1	68.2	-17.1	Peak	Horizontal
	8165.5	38.7	12.4	51.1	74.0	-22.9	Peak	Horizontal
*	8701.0	37.7	14.0	51.7	68.2	-16.5	Peak	Horizontal
	7358.0	37.8	11.9	49.7	74.0	-24.3	Peak	Vertical
*	8012.5	37.9	12.6	50.5	68.2	-17.7	Peak	Vertical
	8395.0	38.3	12.4	50.7	74.0	-23.3	Peak	Vertical
*	8964.5	38.1	14.3	52.4	68.2	-15.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	46
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	38.0	12.1	50.1	74.0	-23.9	Peak	Horizontal
*	7987.0	37.8	12.4	50.2	68.2	-18.0	Peak	Horizontal
	8352.5	38.4	12.3	50.7	74.0	-23.3	Peak	Horizontal
*	8692.5	36.5	14.0	50.5	68.2	-17.7	Peak	Horizontal
	7307.0	37.8	11.7	49.5	74.0	-24.5	Peak	Vertical
*	7842.5	37.2	11.9	49.1	68.2	-19.1	Peak	Vertical
	8420.5	38.3	12.5	50.8	74.0	-23.2	Peak	Vertical
*	8752.0	37.8	14.2	52.0	68.2	-16.2	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	151
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	38.9	11.8	50.7	74.0	-23.3	Peak	Horizontal
*	7953.0	37.5	12.5	50.0	68.2	-18.2	Peak	Horizontal
	8276.0	37.3	12.3	49.6	74.0	-24.4	Peak	Horizontal
*	8735.0	36.5	14.0	50.5	68.2	-17.7	Peak	Horizontal
	7596.0	38.0	11.8	49.8	74.0	-24.2	Peak	Vertical
*	7936.0	38.1	12.5	50.6	68.2	-17.6	Peak	Vertical
	8301.5	38.4	12.2	50.6	74.0	-23.4	Peak	Vertical
*	8709.5	36.7	13.9	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	159
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7630.0	38.1	11.5	49.6	74.0	-24.4	Peak	Horizontal
*	7893.5	37.7	12.1	49.8	68.2	-18.4	Peak	Horizontal
	8412.0	38.1	12.3	50.4	74.0	-23.6	Peak	Horizontal
*	8735.0	36.6	14.0	50.6	68.2	-17.6	Peak	Horizontal
	7698.0	38.3	11.7	50.0	74.0	-24.0	Peak	Vertical
*	8658.5	38.4	13.0	51.4	68.2	-16.8	Peak	Vertical
	9168.5	38.7	14.3	53.0	74.0	-21.0	Peak	Vertical
*	9942.0	36.6	16.1	52.7	68.2	-15.5	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	42
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7689.5	37.9	11.6	49.5	74.0	-24.5	Peak	Horizontal
*	8012.5	37.7	12.6	50.3	68.2	-17.9	Peak	Horizontal
	8318.5	37.1	12.2	49.3	74.0	-24.7	Peak	Horizontal
*	8845.5	37.9	14.3	52.2	68.2	-16.0	Peak	Horizontal
	7579.0	38.4	11.6	50.0	74.0	-24.0	Peak	Vertical
*	7842.5	36.5	12.1	48.6	68.2	-19.6	Peak	Vertical
	8446.0	37.7	12.7	50.4	74.0	-23.6	Peak	Vertical
*	8692.5	36.4	14.0	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	155
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	38.4	11.9	50.3	74.0	-23.7	Peak	Horizontal
*	7936.0	37.3	12.5	49.8	68.2	-18.4	Peak	Horizontal
	8361.0	37.4	12.4	49.8	74.0	-24.2	Peak	Horizontal
*	8828.5	38.0	14.3	52.3	68.2	-15.9	Peak	Horizontal
	7332.5	38.0	11.7	49.7	74.0	-24.3	Peak	Vertical
*	8012.5	37.0	12.6	49.6	68.2	-18.6	Peak	Vertical
	9049.5	36.8	14.5	51.3	74.0	-22.7	Peak	Vertical
*	9678.5	36.5	16.5	53.0	68.2	-15.2	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	36
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9857.0	32.4	15.1	47.5	68.2	-20.7	Peak	Horizontal
*	10248.0	32.5	16.2	48.7	68.2	-19.5	Peak	Horizontal
	11166.0	31.7	18.6	50.3	74.0	-23.7	Peak	Horizontal
	11582.5	30.3	19.8	50.1	74.0	-23.9	Peak	Horizontal
*	9729.5	33.8	14.6	48.4	68.2	-19.8	Peak	Vertical
*	10035.5	31.8	14.8	46.6	68.2	-21.6	Peak	Vertical
	11004.5	31.9	18.2	50.1	74.0	-23.9	Peak	Vertical
	12126.5	31.4	20.0	51.4	74.0	-22.6	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	44
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9746.5	33.2	14.9	48.1	68.2	-20.1	Peak	Horizontal
*	10222.5	32.3	15.8	48.1	68.2	-20.1	Peak	Horizontal
	10936.5	32.3	17.9	50.2	74.0	-23.8	Peak	Horizontal
	12084.0	31.6	20.1	51.7	74.0	-22.3	Peak	Horizontal
*	9865.5	33.1	15.2	48.3	68.2	-19.9	Peak	Vertical
*	10316.0	31.8	16.6	48.4	68.2	-19.8	Peak	Vertical
	11591.0	30.7	20.1	50.8	74.0	-23.2	Peak	Vertical
	12024.5	32.1	19.7	51.8	74.0	-22.2	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	48
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9678.5	33.5	14.4	47.9	68.2	-20.3	Peak	Horizontal
*	10129.0	33.5	15.0	48.5	68.2	-19.7	Peak	Horizontal
	11047.0	31.7	18.7	50.4	74.0	-23.6	Peak	Horizontal
	11582.5	32.0	19.8	51.8	74.0	-22.2	Peak	Horizontal
*	10052.5	33.2	14.9	48.1	68.2	-20.1	Peak	Vertical
*	10392.5	33.6	16.4	50.0	68.2	-18.2	Peak	Vertical
	11599.5	30.9	19.9	50.8	74.0	-23.2	Peak	Vertical
	12228.5	30.3	20.8	51.1	74.0	-22.9	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	149
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9840.0	32.8	15.1	47.9	68.2	-20.3	Peak	Horizontal
*	10256.5	32.4	16.2	48.6	68.2	-19.6	Peak	Horizontal
	11540.0	31.1	20.3	51.4	74.0	-22.6	Peak	Horizontal
	12135.0	31.4	20.2	51.6	74.0	-22.4	Peak	Horizontal
*	9755.0	33.3	15.0	48.3	68.2	-19.9	Peak	Vertical
*	10214.0	33.5	15.9	49.4	68.2	-18.8	Peak	Vertical
	11293.5	31.5	18.9	50.4	74.0	-23.6	Peak	Vertical
	12245.5	30.9	20.5	51.4	74.0	-22.6	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	157
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9865.5	33.1	15.2	48.3	68.2	-19.9	Peak	Horizontal
*	10256.5	32.9	16.2	49.1	68.2	-19.1	Peak	Horizontal
	11047.0	31.7	18.7	50.4	74.0	-23.6	Peak	Horizontal
	12279.5	31.3	20.8	52.1	74.0	-21.9	Peak	Horizontal
*	9882.5	32.6	15.3	47.9	68.2	-20.3	Peak	Vertical
*	10256.5	32.9	16.2	49.1	68.2	-19.1	Peak	Vertical
	11480.5	30.3	19.9	50.2	74.0	-23.8	Peak	Vertical
	12143.5	31.7	20.3	52.0	74.0	-22.0	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	165
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9602.0	33.9	14.2	48.1	68.2	-20.1	Peak	Horizontal
*	10265.0	33.2	16.2	49.4	68.2	-18.8	Peak	Horizontal
	11472.0	31.1	20.0	51.1	74.0	-22.9	Peak	Horizontal
	12228.5	31.0	20.8	51.8	74.0	-22.2	Peak	Horizontal
*	9925.0	33.1	15.0	48.1	68.2	-20.1	Peak	Vertical
*	10265.0	32.2	16.2	48.4	68.2	-19.8	Peak	Vertical
	11684.5	32.0	19.8	51.8	74.0	-22.2	Peak	Vertical
	12118.0	31.5	19.8	51.3	74.0	-22.7	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	38
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9712.5	33.3	14.7	48.0	68.2	-20.2	Peak	Horizontal
*	10180.0	33.8	15.4	49.2	68.2	-19.0	Peak	Horizontal
	11472.0	31.4	20.0	51.4	74.0	-22.6	Peak	Horizontal
	12084.0	31.0	20.1	51.1	74.0	-22.9	Peak	Horizontal
*	9806.0	33.7	14.9	48.6	68.2	-19.6	Peak	Vertical
*	10180.0	34.0	15.4	49.4	68.2	-18.8	Peak	Vertical
	11599.5	31.4	19.9	51.3	74.0	-22.7	Peak	Vertical
	12364.5	31.6	19.8	51.4	74.0	-22.6	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	46
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9789.0	33.9	14.8	48.7	68.2	-19.5	Peak	Horizontal
*	10273.5	33.0	16.1	49.1	68.2	-19.1	Peak	Horizontal
	11285.0	31.4	19.0	50.4	74.0	-23.6	Peak	Horizontal
	12024.5	31.5	19.7	51.2	74.0	-22.8	Peak	Horizontal
*	9772.0	32.7	14.9	47.6	68.2	-20.6	Peak	Vertical
*	10214.0	32.3	15.9	48.2	68.2	-20.0	Peak	Vertical
	11591.0	31.0	20.1	51.1	74.0	-22.9	Peak	Vertical
	12160.5	31.2	20.2	51.4	74.0	-22.6	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	151
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9772.0	32.9	14.9	47.8	68.2	-20.4	Peak	Horizontal
*	10248.0	33.3	16.2	49.5	68.2	-18.7	Peak	Horizontal
	11047.0	31.3	18.7	50.0	74.0	-24.0	Peak	Horizontal
	11846.0	30.3	20.6	50.9	74.0	-23.1	Peak	Horizontal
*	9797.5	33.7	14.9	48.6	68.2	-19.6	Peak	Vertical
*	10316.0	32.5	16.6	49.1	68.2	-19.1	Peak	Vertical
	11429.5	29.8	19.4	49.2	74.0	-24.8	Peak	Vertical
	12211.5	30.1	20.6	50.7	74.0	-23.3	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	159
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9704.0	33.2	14.8	48.0	68.2	-20.2	Peak	Horizontal
*	10341.5	33.6	16.4	50.0	68.2	-18.2	Peak	Horizontal
	11480.5	31.3	19.9	51.2	74.0	-22.8	Peak	Horizontal
	12237.0	30.9	20.8	51.7	74.0	-22.3	Peak	Horizontal
*	9593.5	32.1	14.2	46.3	68.2	-21.9	Peak	Vertical
*	10265.0	33.0	16.2	49.2	68.2	-19.0	Peak	Vertical
	10996.0	31.4	18.4	49.8	74.0	-24.2	Peak	Vertical
	11676.0	31.5	19.6	51.1	74.0	-22.9	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	36
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9797.5	33.3	14.9	48.2	68.2	-20.0	Peak	Horizontal
*	10367.0	33.2	16.5	49.7	68.2	-18.5	Peak	Horizontal
	11489.0	30.9	19.7	50.6	74.0	-23.4	Peak	Horizontal
	12007.5	31.5	19.6	51.1	74.0	-22.9	Peak	Horizontal
*	9857.0	33.8	15.1	48.9	68.2	-19.3	Peak	Vertical
*	10256.5	32.8	16.2	49.0	68.2	-19.2	Peak	Vertical
	11421.0	32.0	19.5	51.5	74.0	-22.5	Peak	Vertical
	12058.5	31.9	19.6	51.5	74.0	-22.5	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	44
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9738.0	33.6	14.7	48.3	68.2	-19.9	Peak	Horizontal
*	10171.5	32.2	15.3	47.5	68.2	-20.7	Peak	Horizontal
	11098.0	32.6	18.3	50.9	74.0	-23.1	Peak	Horizontal
	11540.0	31.4	20.3	51.7	74.0	-22.3	Peak	Horizontal
*	9738.0	33.6	14.7	48.3	68.2	-19.9	Peak	Vertical
*	10103.5	33.8	14.8	48.6	68.2	-19.6	Peak	Vertical
	11030.0	32.4	18.1	50.5	74.0	-23.5	Peak	Vertical
	12092.5	31.4	20.1	51.5	74.0	-22.5	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	48
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9755.0	33.0	15.0	48.0	68.2	-20.2	Peak	Horizontal
*	10469.0	32.7	16.3	49.0	68.2	-19.2	Peak	Horizontal
	11344.5	32.2	19.1	51.3	74.0	-22.7	Peak	Horizontal
	12296.5	31.5	20.5	52.0	74.0	-22.0	Peak	Horizontal
*	9704.0	33.5	14.8	48.3	68.2	-19.9	Peak	Vertical
*	9967.5	34.1	15.0	49.1	68.2	-19.1	Peak	Vertical
	11480.5	30.6	19.9	50.5	74.0	-23.5	Peak	Vertical
	12084.0	31.6	20.1	51.7	74.0	-22.3	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	149
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9704.0	33.5	14.8	48.3	68.2	-19.9	Peak	Horizontal
*	10273.5	33.3	16.1	49.4	68.2	-18.8	Peak	Horizontal
	11489.0	31.4	19.7	51.1	74.0	-22.9	Peak	Horizontal
	11956.5	30.8	20.0	50.8	74.0	-23.2	Peak	Horizontal
*	9687.0	33.6	14.4	48.0	68.2	-20.2	Peak	Vertical
*	10426.5	33.3	16.5	49.8	68.2	-18.4	Peak	Vertical
	11548.5	31.6	19.9	51.5	74.0	-22.5	Peak	Vertical
	12075.5	32.2	19.9	52.1	74.0	-21.9	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	157
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9729.5	34.9	14.6	49.5	68.2	-18.7	Peak	Horizontal
*	10282.0	32.8	16.1	48.9	68.2	-19.3	Peak	Horizontal
	11242.5	32.5	18.5	51.0	74.0	-23.0	Peak	Horizontal
	12092.5	31.5	20.1	51.6	74.0	-22.4	Peak	Horizontal
*	9627.5	33.9	14.4	48.3	68.2	-19.9	Peak	Vertical
*	9967.5	33.3	15.0	48.3	68.2	-19.9	Peak	Vertical
	10622.0	33.5	17.3	50.8	74.0	-23.2	Peak	Vertical
	11540.0	31.3	20.3	51.6	74.0	-22.4	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	165
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9738.0	32.9	14.7	47.6	68.2	-20.6	Peak	Horizontal
*	10129.0	33.3	15.0	48.3	68.2	-19.9	Peak	Horizontal
	10928.0	33.4	17.7	51.1	74.0	-22.9	Peak	Horizontal
	11684.5	30.8	19.8	50.6	74.0	-23.4	Peak	Horizontal
*	9738.0	32.9	14.7	47.6	68.2	-20.6	Peak	Vertical
*	9942.0	31.8	15.0	46.8	68.2	-21.4	Peak	Vertical
	10945.0	32.5	18.0	50.5	74.0	-23.5	Peak	Vertical
	11591.0	30.7	20.1	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	38
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9636.0	32.4	14.4	46.8	68.2	-21.4	Peak	Horizontal
*	10248.0	31.7	16.2	47.9	68.2	-20.3	Peak	Horizontal
	11276.5	31.7	18.9	50.6	74.0	-23.4	Peak	Horizontal
	11591.0	32.0	20.1	52.1	74.0	-21.9	Peak	Horizontal
*	9704.0	33.2	14.8	48.0	68.2	-20.2	Peak	Vertical
*	10248.0	33.1	16.2	49.3	68.2	-18.9	Peak	Vertical
	11438.0	31.5	19.4	50.9	74.0	-23.1	Peak	Vertical
	12152.0	31.0	20.4	51.4	74.0	-22.6	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	46
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9738.0	33.9	14.7	48.6	68.2	-19.6	Peak	Horizontal
*	10324.5	33.3	16.5	49.8	68.2	-18.4	Peak	Horizontal
	10928.0	32.1	17.7	49.8	74.0	-24.2	Peak	Horizontal
	11769.5	31.3	20.1	51.4	74.0	-22.6	Peak	Horizontal
*	9712.5	33.3	14.7	48.0	68.2	-20.2	Peak	Vertical
*	10401.0	32.9	16.5	49.4	68.2	-18.8	Peak	Vertical
	10987.5	32.2	18.3	50.5	74.0	-23.5	Peak	Vertical
	12092.5	31.5	20.1	51.6	74.0	-22.4	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	151
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9976.0	33.8	15.1	48.9	68.2	-19.3	Peak	Horizontal
*	10265.0	31.8	16.2	48.0	68.2	-20.2	Peak	Horizontal
	10996.0	31.4	18.4	49.8	74.0	-24.2	Peak	Horizontal
	11922.5	31.1	20.0	51.1	74.0	-22.9	Peak	Horizontal
*	9891.0	33.6	15.4	49.0	68.2	-19.2	Peak	Vertical
*	10214.0	32.6	15.9	48.5	68.2	-19.7	Peak	Vertical
	11489.0	31.1	19.7	50.8	74.0	-23.2	Peak	Vertical
	12271.0	30.8	20.6	51.4	74.0	-22.6	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	159
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9678.5	32.1	14.4	46.5	68.2	-21.7	Peak	Horizontal
*	10350.0	32.8	16.4	49.2	68.2	-19.0	Peak	Horizontal
	11582.5	32.0	19.8	51.8	74.0	-22.2	Peak	Horizontal
	11914.0	31.8	20.3	52.1	74.0	-21.9	Peak	Horizontal
*	9636.0	33.2	14.4	47.6	68.2	-20.6	Peak	Vertical
*	10154.5	33.8	15.1	48.9	68.2	-19.3	Peak	Vertical
	11650.5	32.0	19.6	51.6	74.0	-22.4	Peak	Vertical
	12220.0	29.9	20.8	50.7	74.0	-23.3	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE80 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	42
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9712.5	33.0	14.7	47.7	68.2	-20.5	Peak	Horizontal
*	10358.5	32.7	16.5	49.2	68.2	-19.0	Peak	Horizontal
	11225.5	31.6	18.8	50.4	74.0	-23.6	Peak	Horizontal
	11650.5	31.9	19.6	51.5	74.0	-22.5	Peak	Horizontal
*	9729.5	34.0	14.6	48.6	68.2	-19.6	Peak	Vertical
*	10256.5	33.0	16.2	49.2	68.2	-19.0	Peak	Vertical
	11174.5	32.0	18.7	50.7	74.0	-23.3	Peak	Vertical
	11718.5	31.1	20.0	51.1	74.0	-22.9	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE80 - Ant 0 + 1 + 2 + 3 (Beamforming Mode)	Test Channel	155
Model No.	DAP646-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9976.0	32.9	15.1	48.0	68.2	-20.2	Peak	Horizontal
*	10248.0	33.5	16.2	49.7	68.2	-18.5	Peak	Horizontal
	11038.5	31.9	18.4	50.3	74.0	-23.7	Peak	Horizontal
	11684.5	31.8	19.8	51.6	74.0	-22.4	Peak	Horizontal
*	9636.0	32.1	14.4	46.5	68.2	-21.7	Peak	Vertical
*	10316.0	32.1	16.6	48.7	68.2	-19.5	Peak	Vertical
	10979.0	32.2	18.1	50.3	74.0	-23.7	Peak	Vertical
	11480.5	31.2	19.9	51.1	74.0	-22.9	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	36
Model No.	DAP646-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7188.0	32.6	11.9	44.5	68.2	-23.7	Peak	Horizontal
*	7927.5	33.2	12.2	45.4	68.2	-22.8	Peak	Horizontal
	8199.5	30.4	12.3	42.7	74.0	-31.3	Peak	Horizontal
	9109.0	29.9	14.6	44.5	74.0	-29.5	Peak	Horizontal
*	7171.0	34.0	11.8	45.8	68.2	-22.4	Peak	Vertical
*	7842.5	32.1	11.9	44.0	68.2	-24.2	Peak	Vertical
	8046.5	31.9	12.6	44.5	74.0	-29.5	Peak	Vertical
	9134.5	30.8	14.7	45.5	74.0	-28.5	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	44
Model No.	DAP646-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7026.5	32.8	10.8	43.6	68.2	-24.6	Peak	Horizontal
*	7817.0	33.6	11.9	45.5	68.2	-22.7	Peak	Horizontal
	8420.5	30.6	12.4	43.0	74.0	-31.0	Peak	Horizontal
	9330.0	29.0	14.7	43.7	74.0	-30.3	Peak	Horizontal
*	7188.0	33.0	11.9	44.9	68.2	-23.3	Peak	Vertical
*	7842.5	33.9	11.9	45.8	68.2	-22.4	Peak	Vertical
	8437.5	32.8	12.4	45.2	74.0	-28.8	Peak	Vertical
	9134.5	30.7	14.7	45.4	74.0	-28.6	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	48
Model No.	DAP646-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7205.0	32.2	12.2	44.4	68.2	-23.8	Peak	Horizontal
*	7927.5	32.1	12.2	44.3	68.2	-23.9	Peak	Horizontal
	8284.5	31.3	12.2	43.5	74.0	-30.5	Peak	Horizontal
	9440.5	32.4	14.9	47.3	74.0	-26.7	Peak	Horizontal
*	7171.0	33.1	11.8	44.9	68.2	-23.3	Peak	Vertical
*	7978.5	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
	8386.5	31.8	12.3	44.1	74.0	-29.9	Peak	Vertical
	9143.0	29.4	14.7	44.1	74.0	-29.9	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	149
Model No.	DAP646-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7094.5	32.1	11.8	43.9	68.2	-24.3	Peak	Horizontal
*	7842.5	32.0	11.9	43.9	68.2	-24.3	Peak	Horizontal
	8242.0	29.2	12.5	41.7	74.0	-32.3	Peak	Horizontal
	9160.0	28.3	14.6	42.9	74.0	-31.1	Peak	Horizontal
*	7179.5	32.5	11.9	44.4	68.2	-23.8	Peak	Vertical
*	7944.5	33.4	12.2	45.6	68.2	-22.6	Peak	Vertical
	8276.0	31.0	12.3	43.3	74.0	-30.7	Peak	Vertical
	9092.0	29.7	14.5	44.2	74.0	-29.8	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	157
Model No.	DAP646-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7171.0	32.9	11.8	44.7	68.2	-23.5	Peak	Horizontal
*	7842.5	32.4	11.9	44.3	68.2	-23.9	Peak	Horizontal
	8233.5	31.7	12.4	44.1	74.0	-29.9	Peak	Horizontal
	9092.0	30.5	14.5	45.0	74.0	-29.0	Peak	Horizontal
*	7171.0	32.4	11.8	44.2	68.2	-24.0	Peak	Vertical
*	7842.5	33.6	11.9	45.5	68.2	-22.7	Peak	Vertical
	8420.5	32.1	12.4	44.5	74.0	-29.5	Peak	Vertical
	9015.5	29.5	14.5	44.0	74.0	-30.0	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	165
Model No.	DAP646-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7145.5	32.6	11.6	44.2	68.2	-24.0	Peak	Horizontal
*	7842.5	32.9	11.9	44.8	68.2	-23.4	Peak	Horizontal
	8403.5	32.6	12.4	45.0	74.0	-29.0	Peak	Horizontal
	9049.5	30.6	14.2	44.8	74.0	-29.2	Peak	Horizontal
*	6958.5	32.4	10.6	43.0	68.2	-25.2	Peak	Vertical
*	7936.0	32.7	12.2	44.9	68.2	-23.3	Peak	Vertical
	8386.5	31.9	12.3	44.2	74.0	-29.8	Peak	Vertical
	9109.0	29.2	14.6	43.8	74.0	-30.2	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	36
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9610.5	32.4	14.3	46.7	68.2	-21.5	Peak	Horizontal
*	10282.0	31.3	16.1	47.4	68.2	-20.8	Peak	Horizontal
	11004.5	30.9	18.2	49.1	74.0	-24.9	Peak	Horizontal
	11540.0	29.5	20.3	49.8	74.0	-24.2	Peak	Horizontal
*	9602.0	31.9	14.2	46.1	68.2	-22.1	Peak	Vertical
*	10239.5	31.3	15.9	47.2	68.2	-21.0	Peak	Vertical
	10987.5	30.6	18.3	48.9	74.0	-25.1	Peak	Vertical
	11684.5	30.8	19.8	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	44
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9729.5	31.4	14.6	46.0	68.2	-22.2	Peak	Horizontal
*	10324.5	31.3	16.5	47.8	68.2	-20.4	Peak	Horizontal
	11472.0	31.1	20.0	51.1	74.0	-22.9	Peak	Horizontal
	12211.5	31.1	20.6	51.7	74.0	-22.3	Peak	Horizontal
*	9772.0	31.3	14.9	46.2	68.2	-22.0	Peak	Vertical
*	10265.0	31.3	16.2	47.5	68.2	-20.7	Peak	Vertical
	11591.0	29.8	20.1	49.9	74.0	-24.1	Peak	Vertical
	11965.0	30.3	20.3	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	48
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9772.0	31.5	14.9	46.4	68.2	-21.8	Peak	Horizontal
*	10273.5	31.6	16.1	47.7	68.2	-20.5	Peak	Horizontal
	11489.0	30.4	19.7	50.1	74.0	-23.9	Peak	Horizontal
	12262.5	30.1	20.4	50.5	74.0	-23.5	Peak	Horizontal
*	9857.0	31.1	15.1	46.2	68.2	-22.0	Peak	Vertical
*	10214.0	30.1	15.9	46.0	68.2	-22.2	Peak	Vertical
	11038.5	30.5	18.4	48.9	74.0	-25.1	Peak	Vertical
	11616.5	31.3	19.6	50.9	74.0	-23.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	149
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9746.5	32.6	14.9	47.5	68.2	-20.7	Peak	Horizontal
*	10333.0	32.1	16.4	48.5	68.2	-19.7	Peak	Horizontal
	11217.0	30.5	18.9	49.4	74.0	-24.6	Peak	Horizontal
	12152.0	30.3	20.4	50.7	74.0	-23.3	Peak	Horizontal
*	9746.5	31.9	14.9	46.8	68.2	-21.4	Peak	Vertical
*	10316.0	30.8	16.6	47.4	68.2	-20.8	Peak	Vertical
	11072.5	30.6	18.3	48.9	74.0	-25.2	Peak	Vertical
	11684.5	30.4	19.8	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	157
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9746.5	32.1	14.9	47.0	68.2	-21.2	Peak	Horizontal
*	10528.5	32.6	16.4	49.0	68.2	-19.2	Peak	Horizontal
	10996.0	30.9	18.4	49.3	74.0	-24.7	Peak	Horizontal
	11599.5	30.3	19.9	50.2	74.0	-23.8	Peak	Horizontal
*	9568.0	32.5	14.5	47.0	68.2	-21.2	Peak	Vertical
*	10401.0	30.8	16.5	47.3	68.2	-20.9	Peak	Vertical
	11217.0	31.1	18.9	50.0	74.0	-24.0	Peak	Vertical
	11480.5	31.1	19.9	51.0	74.0	-23.0	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	165
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9746.5	32.2	14.9	47.1	68.2	-21.1	Peak	Horizontal
*	10248.0	31.5	16.2	47.7	68.2	-20.5	Peak	Horizontal
	11540.0	30.2	20.3	50.5	74.0	-23.5	Peak	Horizontal
	12347.5	30.4	20.4	50.8	74.0	-23.2	Peak	Horizontal
*	9653.0	32.2	14.3	46.5	68.2	-21.7	Peak	Vertical
*	10265.0	29.9	16.2	46.1	68.2	-22.1	Peak	Vertical
	11540.0	29.6	20.3	49.9	74.0	-24.1	Peak	Vertical
	12203.0	29.8	20.4	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	36
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9772.0	30.7	14.9	45.6	68.2	-22.6	Peak	Horizontal
*	10137.5	32.2	15.0	47.2	68.2	-21.0	Peak	Horizontal
	11412.5	29.3	19.5	48.8	74.0	-25.2	Peak	Horizontal
	12109.5	30.7	19.9	50.6	74.0	-23.4	Peak	Horizontal
*	9738.0	31.4	14.7	46.1	68.2	-22.1	Peak	Vertical
*	10333.0	31.1	16.4	47.5	68.2	-20.7	Peak	Vertical
	11106.5	30.1	18.4	48.5	74.0	-25.5	Peak	Vertical
	11778.0	29.6	20.3	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	44
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9687.0	31.4	14.4	45.8	68.2	-22.4	Peak	Horizontal
*	10086.5	31.6	14.8	46.4	68.2	-21.8	Peak	Horizontal
	11021.5	29.3	18.0	47.3	74.0	-26.7	Peak	Horizontal
	11582.5	30.4	19.8	50.2	74.0	-23.8	Peak	Horizontal
*	8675.5	31.0	13.4	44.4	68.2	-23.8	Peak	Vertical
*	10239.5	31.1	15.9	47.0	68.2	-21.2	Peak	Vertical
	11540.0	29.9	20.3	50.2	74.0	-23.8	Peak	Vertical
	12220.0	29.4	20.8	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	48
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9729.5	31.1	14.6	45.7	68.2	-22.5	Peak	Horizontal
*	10214.0	30.8	15.9	46.7	68.2	-21.5	Peak	Horizontal
	10826.0	31.0	17.4	48.4	74.0	-25.6	Peak	Horizontal
	11472.0	29.9	20.0	49.9	74.0	-24.1	Peak	Horizontal
*	9738.0	32.1	14.7	46.8	68.2	-21.4	Peak	Vertical
*	10248.0	31.1	16.2	47.3	68.2	-20.9	Peak	Vertical
	11276.5	29.4	18.9	48.3	74.0	-25.7	Peak	Vertical
	12152.0	30.4	20.4	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	149
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9806.0	32.7	14.9	47.6	68.2	-20.6	Peak	Horizontal
*	10265.0	31.4	16.2	47.6	68.2	-20.6	Peak	Horizontal
	11115.0	30.9	18.5	49.4	74.0	-24.6	Peak	Horizontal
	11608.0	30.8	19.7	50.5	74.0	-23.5	Peak	Horizontal
*	9891.0	31.6	15.4	47.0	68.2	-21.2	Peak	Vertical
*	10248.0	31.5	16.2	47.7	68.2	-20.5	Peak	Vertical
	10817.5	31.4	17.4	48.8	74.0	-25.2	Peak	Vertical
	11480.5	30.1	19.9	50.0	74.0	-24.0	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	157
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9738.0	32.3	14.7	47.0	68.2	-21.2	Peak	Horizontal
*	10367.0	31.4	16.5	47.9	68.2	-20.3	Peak	Horizontal
	11472.0	29.5	20.0	49.5	74.0	-24.5	Peak	Horizontal
	12220.0	29.6	20.8	50.4	74.0	-23.6	Peak	Horizontal
*	9899.5	29.3	15.2	44.5	68.2	-23.7	Peak	Vertical
*	10350.0	30.3	16.4	46.7	68.2	-21.5	Peak	Vertical
	11115.0	29.9	18.5	48.4	74.0	-25.6	Peak	Vertical
	11982.0	29.6	19.9	49.5	74.0	-24.5	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	165
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9746.5	31.6	14.9	46.5	68.2	-21.7	Peak	Horizontal
*	10273.5	31.6	16.1	47.7	68.2	-20.5	Peak	Horizontal
	10996.0	30.8	18.4	49.2	74.0	-24.8	Peak	Horizontal
	11591.0	29.7	20.1	49.8	74.0	-24.2	Peak	Horizontal
*	9721.0	31.3	14.6	45.9	68.2	-22.3	Peak	Vertical
*	10418.0	31.1	16.4	47.5	68.2	-20.7	Peak	Vertical
	11336.0	29.3	19.0	48.3	74.0	-25.7	Peak	Vertical
	12237.0	29.6	20.8	50.4	74.0	-23.6	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	38
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9670.0	32.6	14.3	46.9	68.2	-21.3	Peak	Horizontal
*	10273.5	31.7	16.1	47.8	68.2	-20.4	Peak	Horizontal
	10834.5	31.8	17.4	49.2	74.0	-24.8	Peak	Horizontal
	11591.0	29.7	20.1	49.8	74.0	-24.2	Peak	Horizontal
	9636.0	32.2	14.4	46.6	68.2	-21.6	Peak	Vertical
*	10239.5	31.4	15.9	47.3	68.2	-20.9	Peak	Vertical
	10953.5	31.1	17.9	49.0	74.0	-25.0	Peak	Vertical
	11463.5	30.5	19.7	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	46
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9993.0	29.6	15.1	44.7	68.2	-23.5	Peak	Horizontal
*	10418.0	30.9	16.4	47.3	68.2	-20.9	Peak	Horizontal
	11472.0	29.8	20.0	49.8	74.0	-24.2	Peak	Horizontal
	11965.0	30.1	20.3	50.4	74.0	-23.6	Peak	Horizontal
*	9797.5	31.8	14.9	46.7	68.2	-21.5	Peak	Vertical
*	9993.0	29.6	15.1	44.7	68.2	-23.5	Peak	Vertical
	10681.5	30.9	17.7	48.6	74.0	-25.4	Peak	Vertical
	11599.5	30.4	19.9	50.3	74.0	-23.7	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	151
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9738.0	32.9	14.7	47.6	68.2	-20.6	Peak	Horizontal
*	10171.5	30.3	15.3	45.6	68.2	-22.6	Peak	Horizontal
	11106.5	30.2	18.4	48.6	74.0	-25.4	Peak	Horizontal
	11591.0	30.2	20.1	50.3	74.0	-23.7	Peak	Horizontal
*	10103.5	31.8	14.8	46.6	68.2	-21.6	Peak	Vertical
*	10435.0	31.1	16.5	47.6	68.2	-20.6	Peak	Vertical
	10970.5	30.8	18.0	48.8	74.0	-25.2	Peak	Vertical
	11795.0	30.6	20.3	50.9	74.0	-23.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	159
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9636.0	31.8	14.4	46.2	68.2	-22.0	Peak	Horizontal
*	10307.5	31.0	16.5	47.5	68.2	-20.7	Peak	Horizontal
	11217.0	30.1	18.9	49.0	74.0	-25.0	Peak	Horizontal
	11591.0	30.1	20.1	50.2	74.0	-23.8	Peak	Horizontal
*	9721.0	32.3	14.6	46.9	68.2	-21.3	Peak	Vertical
*	10069.5	31.7	14.9	46.6	68.2	-21.6	Peak	Vertical
	10996.0	30.2	18.4	48.6	74.0	-25.4	Peak	Vertical
	11582.5	30.6	19.8	50.4	74.0	-23.6	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	36
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9670.0	32.3	14.3	46.6	68.2	-21.6	Peak	Horizontal
*	10112.0	32.7	14.9	47.6	68.2	-20.6	Peak	Horizontal
	11293.5	30.9	18.9	49.8	74.0	-24.2	Peak	Horizontal
	11905.5	30.3	20.2	50.5	74.0	-23.5	Peak	Horizontal
*	9602.0	32.7	14.2	46.9	68.2	-21.3	Peak	Vertical
*	10256.5	31.8	16.2	48.0	68.2	-20.2	Peak	Vertical
	11412.5	29.9	19.5	49.4	74.0	-24.6	Peak	Vertical
	12228.5	29.9	20.8	50.7	74.0	-23.3	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	44
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9755.0	32.3	15.0	47.3	68.2	-20.9	Peak	Horizontal
*	10129.0	31.9	15.0	46.9	68.2	-21.3	Peak	Horizontal
	11038.5	31.5	18.4	49.9	74.0	-24.1	Peak	Horizontal
	11582.5	30.7	19.8	50.5	74.0	-23.5	Peak	Horizontal
*	9942.0	30.8	15.0	45.8	68.2	-22.4	Peak	Vertical
*	10316.0	31.5	16.6	48.1	68.2	-20.1	Peak	Vertical
	11446.5	31.6	19.4	51.0	74.0	-23.0	Peak	Vertical
	11786.5	30.3	20.3	50.6	74.0	-23.4	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	48
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9942.0	30.8	15.0	45.8	68.2	-22.4	Peak	Horizontal
*	10265.0	31.1	16.2	47.3	68.2	-20.9	Peak	Horizontal
	11055.5	30.6	18.5	49.1	74.0	-24.9	Peak	Horizontal
	11591.0	30.4	20.1	50.5	74.0	-23.5	Peak	Horizontal
*	9772.0	32.5	14.9	47.4	68.2	-20.8	Peak	Vertical
*	10503.0	31.6	16.5	48.1	68.2	-20.1	Peak	Vertical
	11591.0	30.5	20.1	50.6	74.0	-23.4	Peak	Vertical
	12152.0	29.8	20.4	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	149
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9738.0	32.0	14.7	46.7	68.2	-21.5	Peak	Horizontal
*	10214.0	31.1	15.9	47.0	68.2	-21.2	Peak	Horizontal
	11081.0	30.7	18.3	49.0	74.0	-25.0	Peak	Horizontal
	12160.5	30.6	20.2	50.8	74.0	-23.2	Peak	Horizontal
*	9593.5	33.1	14.2	47.3	68.2	-20.9	Peak	Vertical
*	10333.0	31.3	16.4	47.7	68.2	-20.5	Peak	Vertical
	10996.0	30.6	18.4	49.0	74.0	-25.0	Peak	Vertical
	11557.0	30.3	19.5	49.8	74.0	-24.2	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	157
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9721.0	32.7	14.6	47.3	68.2	-20.9	Peak	Horizontal
*	10239.5	31.4	15.9	47.3	68.2	-20.9	Peak	Horizontal
	10936.5	31.2	17.9	49.1	74.0	-24.9	Peak	Horizontal
	11582.5	30.4	19.8	50.2	74.0	-23.8	Peak	Horizontal
*	9814.5	32.4	15.0	47.4	68.2	-20.8	Peak	Vertical
*	10171.5	32.4	15.3	47.7	68.2	-20.5	Peak	Vertical
	10979.0	30.6	18.1	48.7	74.0	-25.3	Peak	Vertical
	11540.0	29.6	20.3	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	165
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9729.5	32.8	14.6	47.4	68.2	-20.8	Peak	Horizontal
*	10290.5	31.2	16.2	47.4	68.2	-20.8	Peak	Horizontal
	11540.0	29.6	20.3	49.9	74.0	-24.1	Peak	Horizontal
	12118.0	30.6	19.8	50.4	74.0	-23.6	Peak	Horizontal
*	9814.5	30.3	15.0	45.3	68.2	-22.9	Peak	Vertical
*	10324.5	30.5	16.5	47.0	68.2	-21.2	Peak	Vertical
	11616.5	30.7	19.6	50.3	74.0	-23.7	Peak	Vertical
	12279.5	30.5	20.8	51.3	74.0	-22.7	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	38
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9814.5	31.0	15.0	46.0	68.2	-22.2	Peak	Horizontal
*	10290.5	31.8	16.2	48.0	68.2	-20.2	Peak	Horizontal
	11531.5	30.6	19.7	50.3	74.0	-23.7	Peak	Horizontal
	12126.5	30.5	20.0	50.5	74.0	-23.5	Peak	Horizontal
*	9780.5	32.0	14.9	46.9	68.2	-21.3	Peak	Vertical
*	10137.5	32.4	15.0	47.4	68.2	-20.8	Peak	Vertical
	11081.0	30.6	18.3	48.9	74.0	-25.1	Peak	Vertical
	11633.5	30.6	19.6	50.2	74.0	-23.8	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	46
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9891.0	31.5	15.4	46.9	68.2	-21.3	Peak	Horizontal
*	10248.0	31.7	16.2	47.9	68.2	-20.3	Peak	Horizontal
	11548.5	29.9	19.9	49.8	74.0	-24.2	Peak	Horizontal
	12160.5	30.5	20.2	50.7	74.0	-23.3	Peak	Horizontal
*	9789.0	31.6	14.8	46.4	68.2	-21.8	Peak	Vertical
*	10239.5	31.7	15.9	47.6	68.2	-20.6	Peak	Vertical
	10860.0	31.3	17.8	49.1	74.0	-24.9	Peak	Vertical
	11540.0	30.6	20.3	50.9	74.0	-23.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	151
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9772.0	33.3	14.9	48.2	68.2	-20.0	Peak	Horizontal
*	10316.0	31.1	16.6	47.7	68.2	-20.5	Peak	Horizontal
	11608.0	31.1	19.7	50.8	74.0	-23.2	Peak	Horizontal
	12313.5	30.4	20.1	50.5	74.0	-23.5	Peak	Horizontal
*	9525.5	31.6	14.5	46.1	68.2	-22.1	Peak	Vertical
*	10103.5	32.4	14.8	47.2	68.2	-21.0	Peak	Vertical
	11540.0	30.0	20.3	50.3	74.0	-23.7	Peak	Vertical
	12339.0	31.1	20.8	51.9	74.0	-22.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	159
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9721.0	32.2	14.6	46.8	68.2	-21.4	Peak	Horizontal
*	10316.0	32.0	16.6	48.6	68.2	-19.6	Peak	Horizontal
	11548.5	30.6	19.9	50.5	74.0	-23.5	Peak	Horizontal
	12237.0	29.4	20.8	50.2	74.0	-23.8	Peak	Horizontal
*	9746.5	31.9	14.9	46.8	68.2	-21.4	Peak	Vertical
*	10375.5	31.5	16.5	48.0	68.2	-20.2	Peak	Vertical
	11591.0	30.4	20.1	50.5	74.0	-23.5	Peak	Vertical
	12109.5	30.9	19.9	50.8	74.0	-23.2	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	42
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9695.5	32.4	14.6	47.0	68.2	-21.2	Peak	Horizontal
*	10171.5	31.8	15.3	47.1	68.2	-21.1	Peak	Horizontal
	11047.0	30.8	18.7	49.5	74.0	-24.5	Peak	Horizontal
	12101.0	31.9	20.1	52.0	74.0	-22.0	Peak	Horizontal
*	9746.5	32.6	14.9	47.5	68.2	-20.7	Peak	Vertical
*	10248.0	31.6	16.2	47.8	68.2	-20.4	Peak	Vertical
	11591.0	30.5	20.1	50.6	74.0	-23.4	Peak	Vertical
	12126.5	30.5	20.0	50.5	74.0	-23.5	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11ax-HE80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel	155
Model No.	DAP647-RW		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9789.0	32.4	14.8	47.2	68.2	-21.0	Peak	Horizontal
*	10324.5	31.1	16.5	47.6	68.2	-20.6	Peak	Horizontal
	10962.0	30.8	17.8	48.6	74.0	-25.4	Peak	Horizontal
	11676.0	30.7	19.6	50.3	74.0	-23.7	Peak	Horizontal
*	9644.5	32.6	14.3	46.9	68.2	-21.3	Peak	Vertical
*	10273.5	31.2	16.1	47.3	68.2	-20.9	Peak	Vertical
	11565.5	31.7	19.5	51.2	74.0	-22.8	Peak	Vertical
	12075.5	30.0	19.9	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode:	802.11a	Test Channel:	36
Model No.	DAP647-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7188.0	32.6	11.9	44.5	68.2	-23.7	Peak	Horizontal
*	7817.0	32.3	11.9	44.2	68.2	-24.0	Peak	Horizontal
	8140.0	32.5	12.4	44.9	74.0	-29.1	Peak	Horizontal
	9100.5	31.4	14.5	45.9	74.0	-28.1	Peak	Horizontal
*	7171.0	34.0	11.8	45.8	68.2	-22.4	Peak	Vertical
*	7885.0	32.5	11.8	44.3	68.2	-23.9	Peak	Vertical
	8429.0	30.4	12.4	42.8	74.0	-31.2	Peak	Vertical
	9075.0	30.1	14.4	44.5	74.0	-29.5	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	44
Model No.	DAP647-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7026.5	32.8	10.8	43.6	68.2	-24.6	Peak	Horizontal
*	7817.0	33.6	11.9	45.5	68.2	-22.7	Peak	Horizontal
	8395.0	31.6	12.4	44.0	74.0	-30.0	Peak	Horizontal
	9032.5	29.2	14.4	43.6	74.0	-30.4	Peak	Horizontal
*	7188.0	33.0	11.9	44.9	68.2	-23.3	Peak	Vertical
*	7825.5	32.2	11.9	44.1	68.2	-24.1	Peak	Vertical
	8437.5	32.8	12.4	45.2	74.0	-28.8	Peak	Vertical
	9024.0	31.1	14.7	45.8	74.0	-28.2	Peak	Vertical

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

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

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

Product	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	48
Model No.	DAP647-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7205.0	32.2	12.2	44.4	68.2	-23.8	Peak	Horizontal
*	7876.5	32.6	11.9	44.5	68.2	-23.7	Peak	Horizontal
	8318.5	32.6	12.2	44.8	74.0	-29.2	Peak	Horizontal
	9049.5	31.0	14.2	45.2	74.0	-28.8	Peak	Horizontal
*	7171.0	33.1	11.8	44.9	68.2	-23.3	Peak	Vertical
*	7944.5	32.7	12.2	44.9	68.2	-23.3	Peak	Vertical
	8429.0	30.8	12.4	43.2	74.0	-30.8	Peak	Vertical
	9058.0	30.2	14.3	44.5	74.0	-29.5	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	149
Model No.	DAP647-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6525.0	32.3	8.7	41.0	68.2	-27.2	Peak	Horizontal
*	6856.5	33.1	9.9	43.0	68.2	-25.2	Peak	Horizontal
	7256.0	32.6	11.8	44.4	74.0	-29.6	Peak	Horizontal
	8293.0	31.2	12.2	43.4	74.0	-30.6	Peak	Horizontal
*	7179.5	32.5	11.9	44.4	68.2	-23.8	Peak	Vertical
*	7944.5	33.4	12.2	45.6	68.2	-22.6	Peak	Vertical
	8310.0	30.3	12.1	42.4	74.0	-31.6	Peak	Vertical
	9092.0	29.7	14.5	44.2	74.0	-29.8	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	157
Model No.	DAP647-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7171.0	32.9	11.8	44.7	68.2	-23.5	Peak	Horizontal
*	7944.5	31.4	12.2	43.6	68.2	-24.6	Peak	Horizontal
	8412.0	32.5	12.4	44.9	74.0	-29.1	Peak	Horizontal
	9092.0	30.5	14.5	45.0	74.0	-29.0	Peak	Horizontal
*	7086.0	31.5	11.9	43.4	68.2	-24.8	Peak	Vertical
*	7842.5	33.6	11.9	45.5	68.2	-22.7	Peak	Vertical
	8199.5	29.7	12.3	42.0	74.0	-32.0	Peak	Vertical
	9092.0	29.8	14.5	44.3	74.0	-29.7	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	HIT Dragonfly Access Point	Temperature	22 ~ 26°C
Test Engineer	David Lv	Relative Humidity	44 ~ 57 %
Test Site	AC1	Test Date	2019/11/26 ~ 2020/02/24
Test Mode	802.11a	Test Channel	165
Model No.	DAP647-RW - Scan Antenna		
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7145.5	32.6	11.6	44.2	68.2	-24.0	Peak	Horizontal
*	7842.5	32.9	11.9	44.8	68.2	-23.4	Peak	Horizontal
	8250.5	30.5	12.4	42.9	74.0	-31.1	Peak	Horizontal
	9083.5	30.5	14.4	44.9	74.0	-29.1	Peak	Horizontal
*	7162.5	32.2	11.7	43.9	68.2	-24.3	Peak	Vertical
*	7936.0	32.7	12.2	44.9	68.2	-23.3	Peak	Vertical
	8310.0	30.4	12.1	42.5	74.0	-31.5	Peak	Vertical
	9092.0	31.2	14.5	45.7	74.0	-28.3	Peak	Vertical

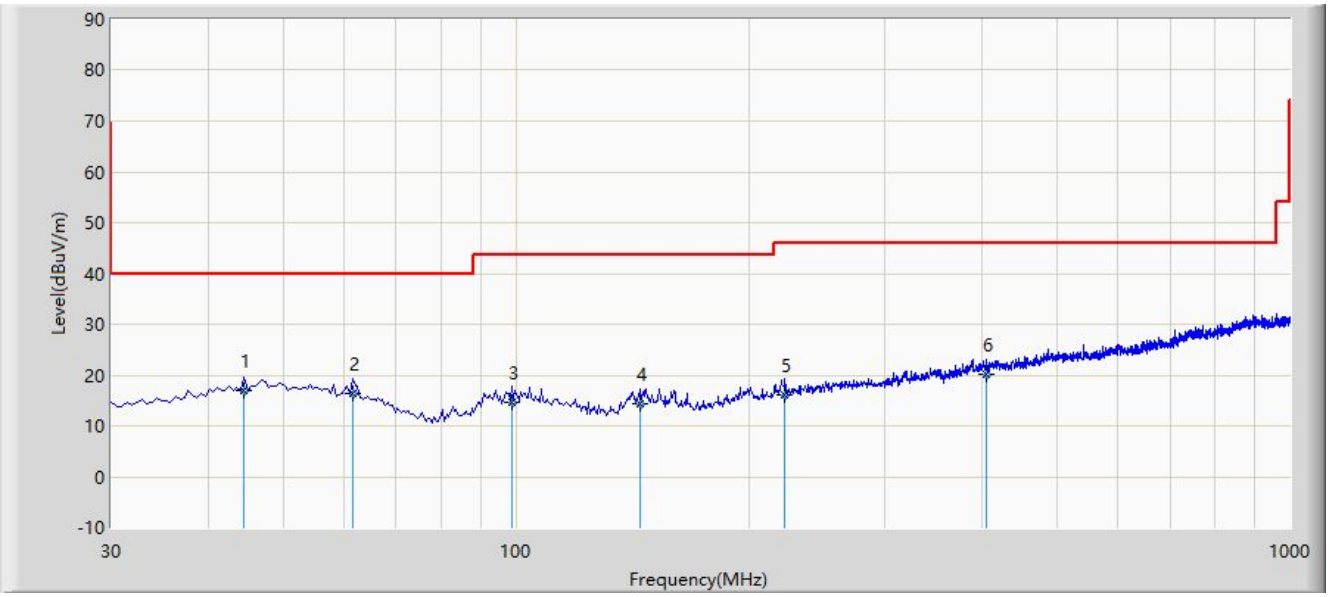
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC2	Time: 2020/01/16 - 17:46
Limit: FCC_Part15.209_RSE(3m)	Engineer: Tyler Yuan
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Horizontal
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5785MHz with DAP647-RW	



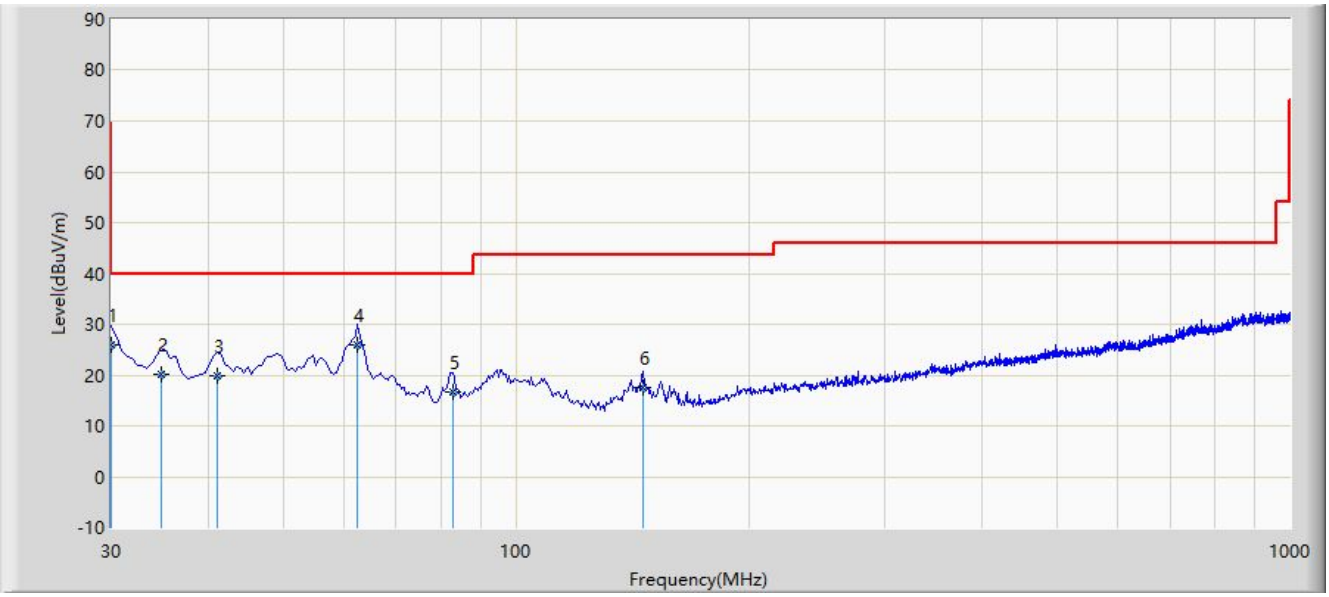
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	44.500	16.895	2.400	-23.105	40.000	14.495	QP
2			61.520	16.262	3.280	-23.738	40.000	12.982	QP
3			98.850	14.544	2.180	-28.956	43.500	12.364	QP
4			144.950	14.324	5.210	-29.176	43.500	9.114	QP
5			222.550	16.111	3.210	-29.889	46.000	12.901	QP
6			405.390	20.002	2.510	-25.998	46.000	17.492	QP

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

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

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

Site: AC2	Time: 2020/01/16 - 17:47
Limit: FCC_Part15.209_RSE(3m)	Engineer: Tyler Yuan
Probe: AC2_VULB9162_0.03-7GHz	Polarity: Vertical
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5785MHz with DAP647-RW	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.000	25.823	15.200	-14.177	40.000	10.623	QP
2			34.850	20.157	8.340	-19.843	40.000	11.817	QP
3			41.160	19.903	6.290	-20.097	40.000	13.613	QP
4		*	62.500	26.052	13.300	-13.948	40.000	12.752	QP
5			82.860	16.750	8.200	-23.250	40.000	8.550	QP
6			145.920	17.529	8.400	-25.971	43.500	9.129	QP

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

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

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

7.9. Radiated Restricted Band Edge Measurement

7.9.1.Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42-16.423	399.9 - 410	4.5-5.15
[1] 0.495 - 0.505	16.69475-16.69525	608 - 614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960 - 1240	7.25-7.75
4.125-4.128	25.5 -25.67	1300 - 1427	8.025 - 8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660 - 1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123 - 138	2200 - 2300	14.47-14.5
8.291-8.294	149.9-150.05	2310–2390	15.35-16.2
8.362-8.366	156.52475-156.525	2483.5 - 2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690 - 2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260 - 3267	23.6-24.0
12.29-12.293	167.72-173.2	3332 - 3339	31.2-31.8
12.51975-12.52025	240 - 285	3345.8 - 3358	36.43-36.5
12.57675-12.57725	322-335.4	3600 - 4400	([2])
13.36-13.41	--	--	--

For 15.407(b) requirement:

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

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

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

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

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

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

7.9.2.Test Procedure Used

KDB 789033 D02v02r01 – Section G

7.9.3.Test Setting

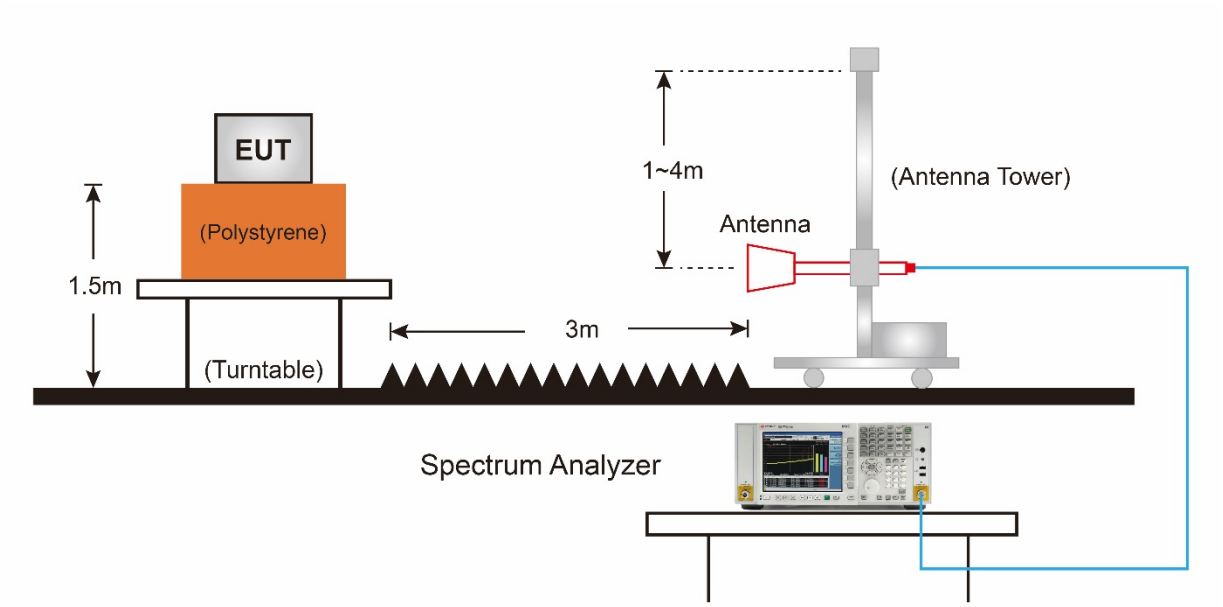
Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method AD)

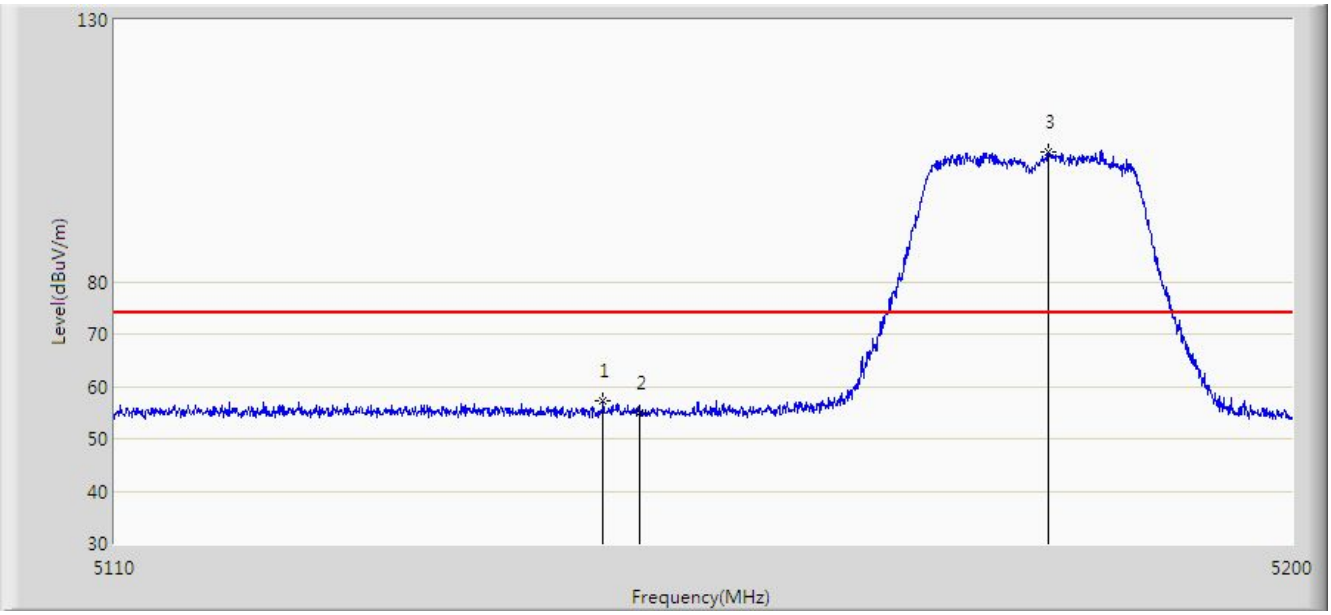
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. If duty cycle ≥ 98%, VBW ≤ RBW/100 but not less than 10Hz; If duty cycle < 98%, set VBW≥1/T.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

7.9.4.Test Setup



7.9.5.Test Result

Site: AC2	Time: 2019/11/16 - 11:18
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yeto Yin
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5180 MHz (CDD Mode) with DAP645-RW	

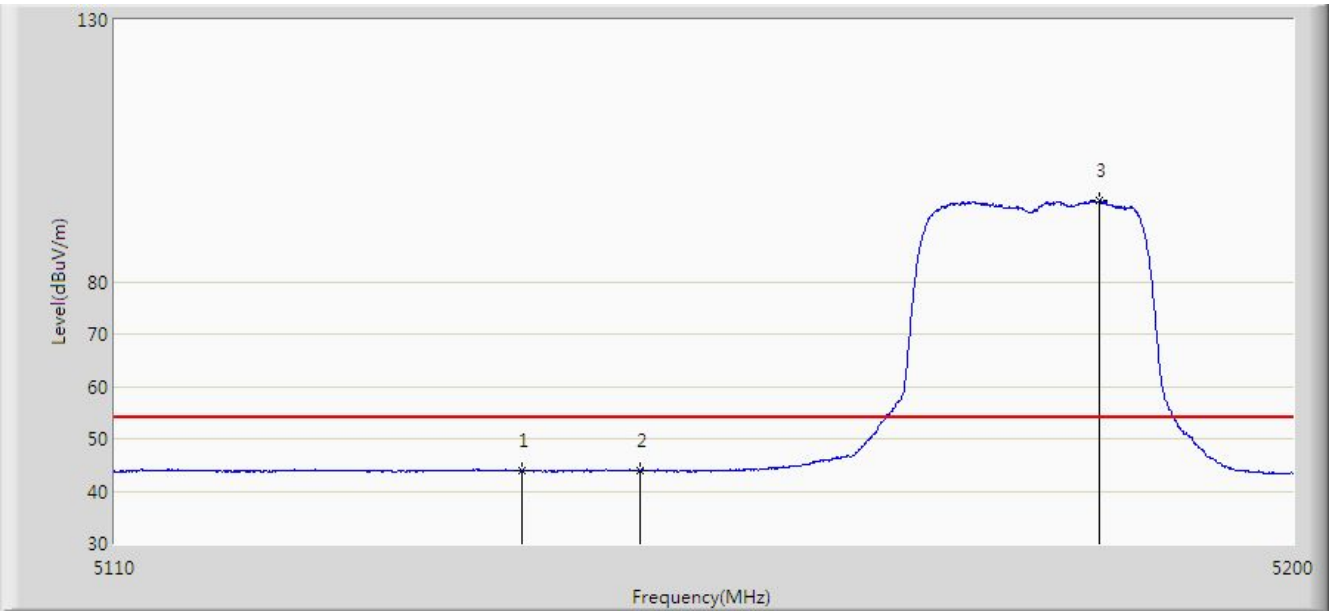


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.170	57.128	52.708	-16.872	74.000	4.420	PK
2			5150.000	54.927	50.485	-19.073	74.000	4.442	PK
3		*	5181.280	104.826	100.352	N/A	N/A	4.474	PK

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

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

Site: AC2	Time: 2019/11/16 - 11:42
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yeto Yin
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5180 MHz (CDD Mode) with DAP645-RW	

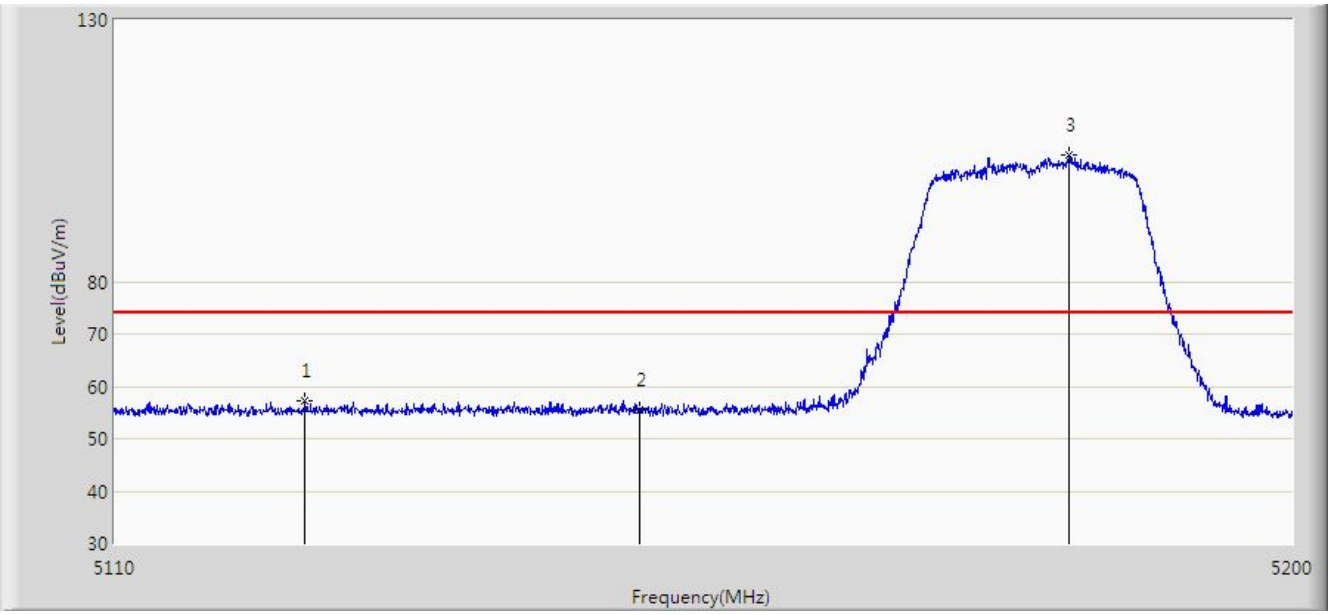


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5141.005	43.871	39.450	-10.129	54.000	4.420	AV
2			5150.000	43.844	39.402	-10.156	54.000	4.442	AV
3		*	5185.105	95.506	91.075	N/A	N/A	4.431	AV

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

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

Site: AC2	Time: 2019/11/16 - 11:44
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yeto Yin
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5180 MHz (CDD Mode) with DAP645-RW	

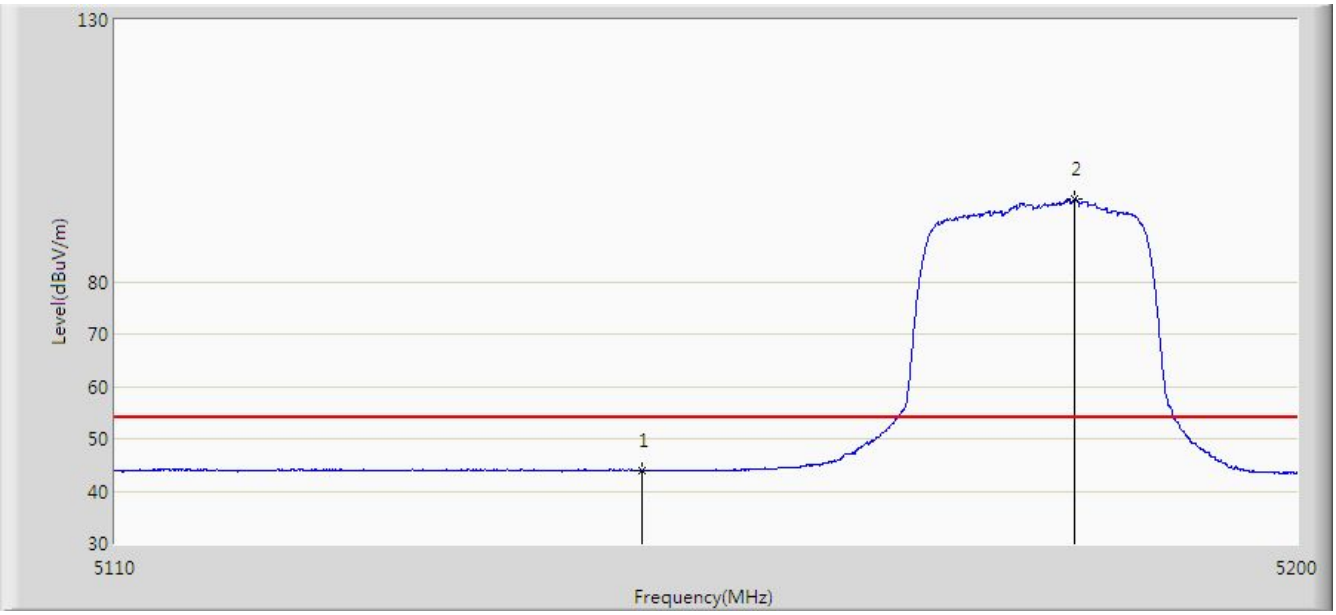


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5124.490	57.221	52.759	-16.779	74.000	4.461	PK
2			5150.000	55.501	51.059	-18.499	74.000	4.442	PK
3		*	5182.855	104.069	99.611	N/A	N/A	4.458	PK

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

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

Site: AC2	Time: 2019/11/16 - 11:48
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yeto Yin
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5180 MHz (CDD Mode) with DAP645-RW	

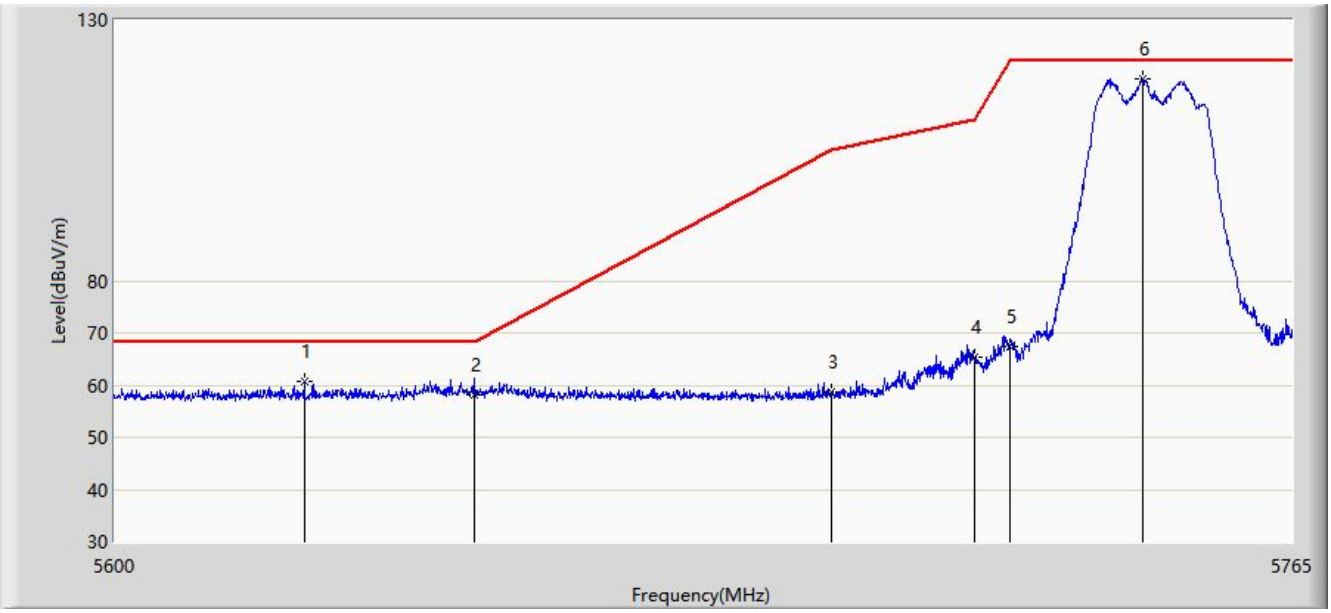


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	43.926	39.484	-10.074	54.000	4.442	AV
2		*	5182.945	95.755	91.298	N/A	N/A	4.456	AV

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

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

Site: AC2	Time: 2020/03/07 - 03:19
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5745MHz (CDD Mode) with DAP645-RW	

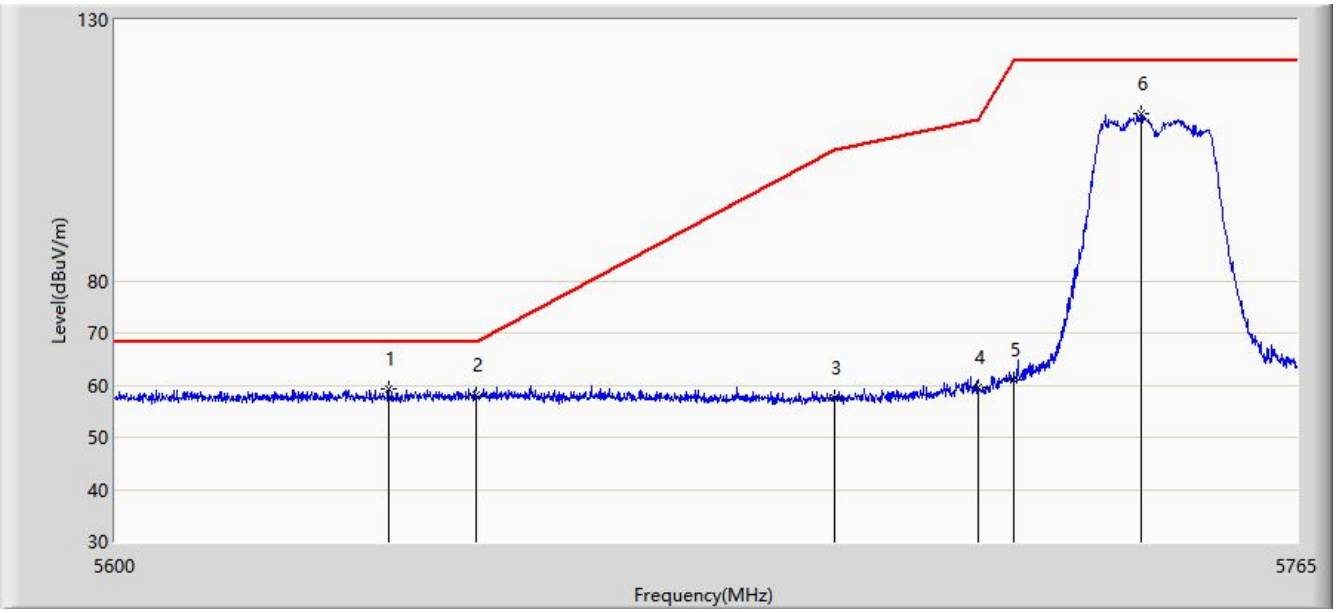


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5626.317	60.824	55.628	-7.376	68.200	5.197	PK
2			5650.000	58.255	52.919	-9.945	68.200	5.336	PK
3			5700.000	58.702	53.384	-46.498	105.200	5.318	PK
4			5720.000	65.324	59.850	-45.476	110.800	5.474	PK
5			5725.000	67.513	62.035	-54.687	122.200	5.478	PK
6		*	5743.797	118.686	113.103	N/A	N/A	5.583	PK

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

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

Site: AC2	Time: 2020/03/07 - 03:27
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5745MHz (CDD Mode) with DAP645-RW	

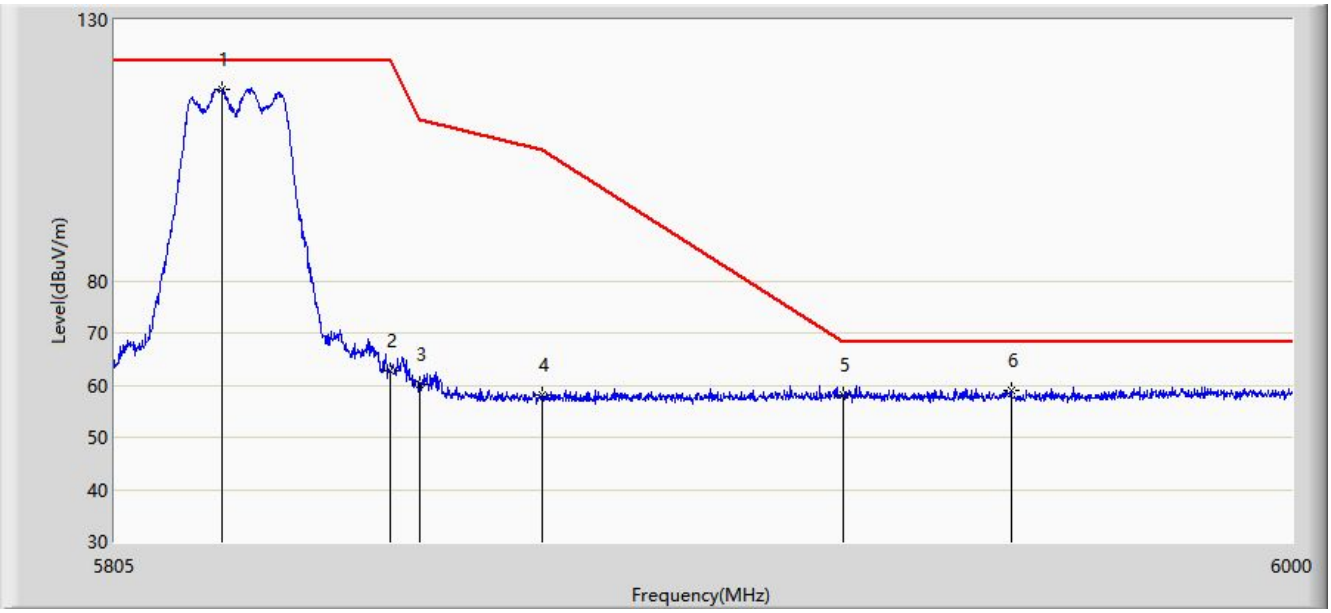


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5637.785	59.207	54.016	-8.993	68.200	5.191	PK
2			5650.000	58.063	52.727	-10.137	68.200	5.336	PK
3			5700.000	57.679	52.361	-47.521	105.200	5.318	PK
4			5720.000	59.593	54.119	-51.207	110.800	5.474	PK
5			5725.000	60.980	55.502	-61.220	122.200	5.478	PK
6			5742.973	112.047	106.479	N/A	N/A	5.568	PK

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

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

Site: AC2	Time: 2020/03/07 - 03:28
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5825MHz (CDD Mode) with DAP645-RW	

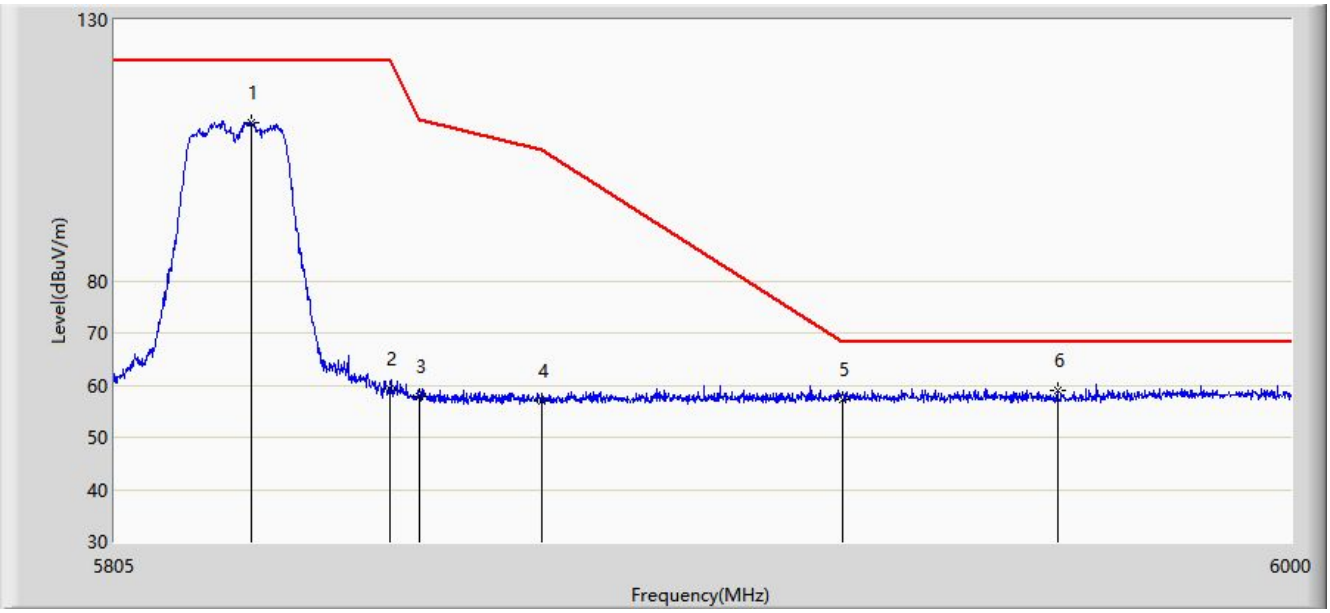


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.453	116.795	111.006	N/A	N/A	5.789	PK
2			5850.000	62.825	56.856	-59.375	122.200	5.968	PK
3			5855.000	60.155	54.180	-50.645	110.800	5.975	PK
4			5875.000	58.228	52.215	-46.972	105.200	6.013	PK
5			5925.000	58.095	51.960	-10.105	68.200	6.136	PK
6			5952.908	58.941	52.907	-9.259	68.200	6.033	PK

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

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

Site: AC2	Time: 2020/03/07 - 03:29
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11a at Channel 5825MHz (CDD Mode) with DAP645-RW	

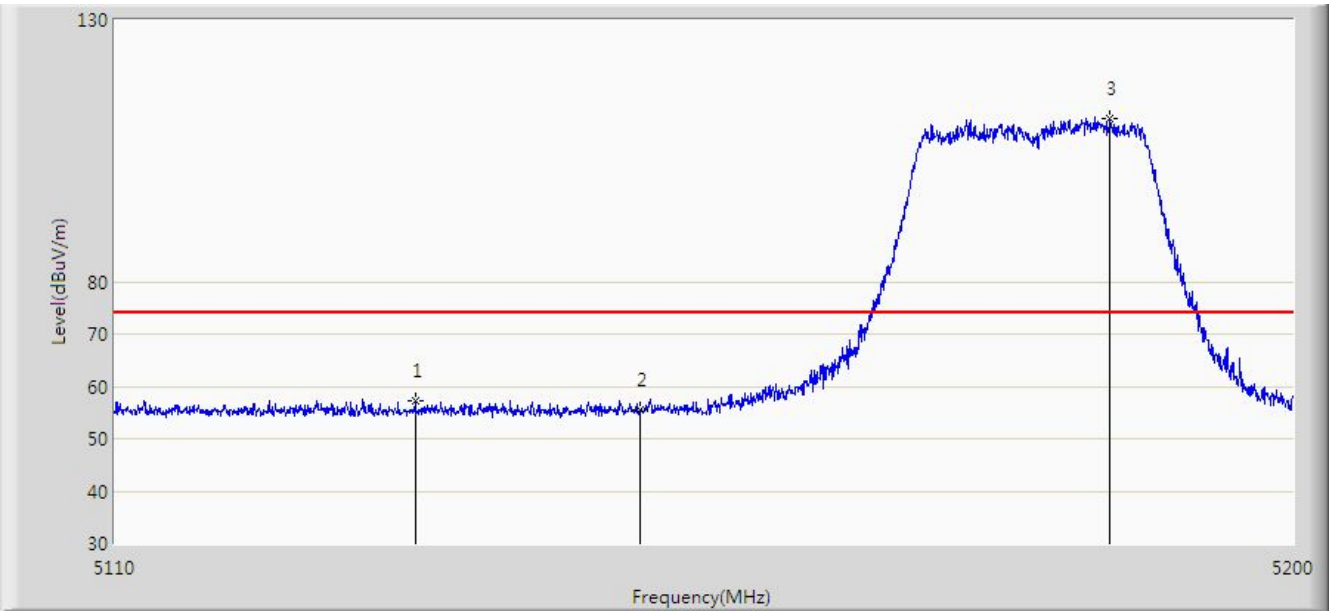


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5827.425	110.412	104.664	N/A	N/A	5.748	PK
2			5850.000	59.264	53.295	-62.936	122.200	5.968	PK
3			5855.000	57.900	51.925	-52.900	110.800	5.975	PK
4			5875.000	56.913	50.900	-48.287	105.200	6.013	PK
5			5925.000	57.218	51.083	-10.982	68.200	6.136	PK
6		*	5960.902	58.992	53.002	-9.208	68.200	5.990	PK

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

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

Site: AC2	Time: 2019/11/16 - 12:19
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yeto Yin
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 5180 MHz (CDD Mode) with DAP645-RW	

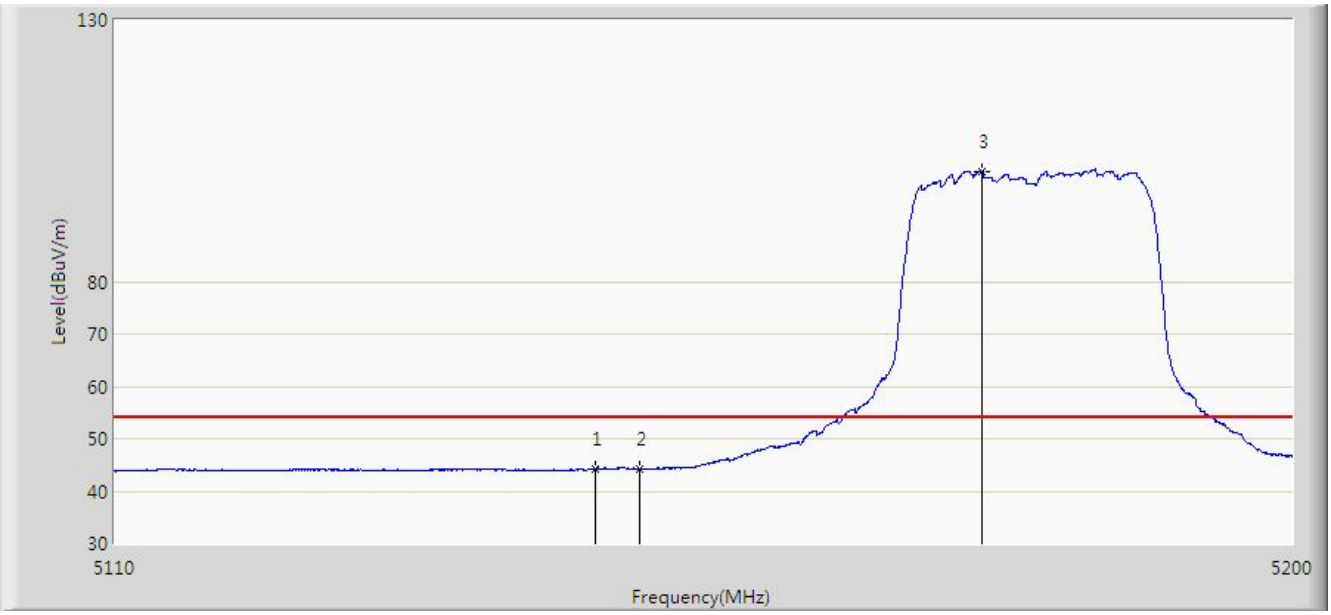


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5132.860	57.283	52.861	-16.717	74.000	4.422	PK
2			5150.000	55.492	51.050	-18.508	74.000	4.442	PK
3		*	5185.960	111.099	106.678	N/A	N/A	4.421	PK

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

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

Site: AC2	Time: 2019/11/16 - 12:46
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yeto Yin
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 5180 MHz (CDD Mode) with DAP645-RW	

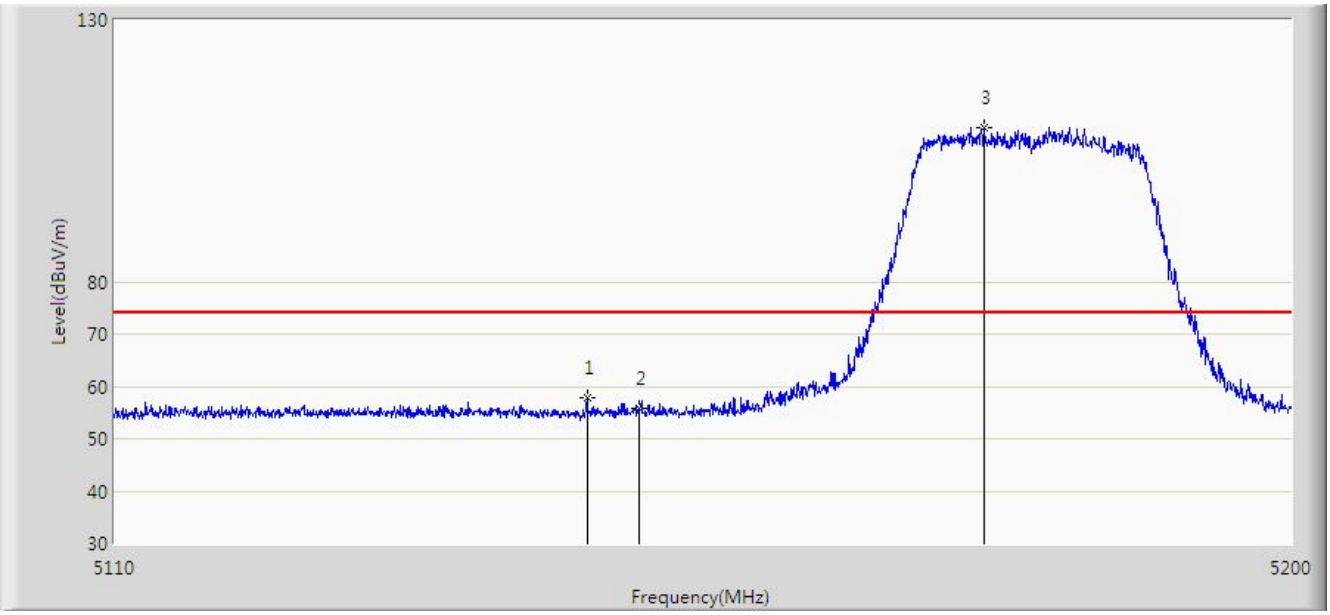


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.585	44.324	39.904	-9.676	54.000	4.419	AV
2			5150.000	44.268	39.826	-9.732	54.000	4.442	AV
3		*	5176.150	101.015	96.497	N/A	N/A	4.518	AV

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

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

Site: AC2	Time: 2019/11/16 - 12:50
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yeto Yin
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 5180 MHz (CDD Mode) with DAP645-RW	

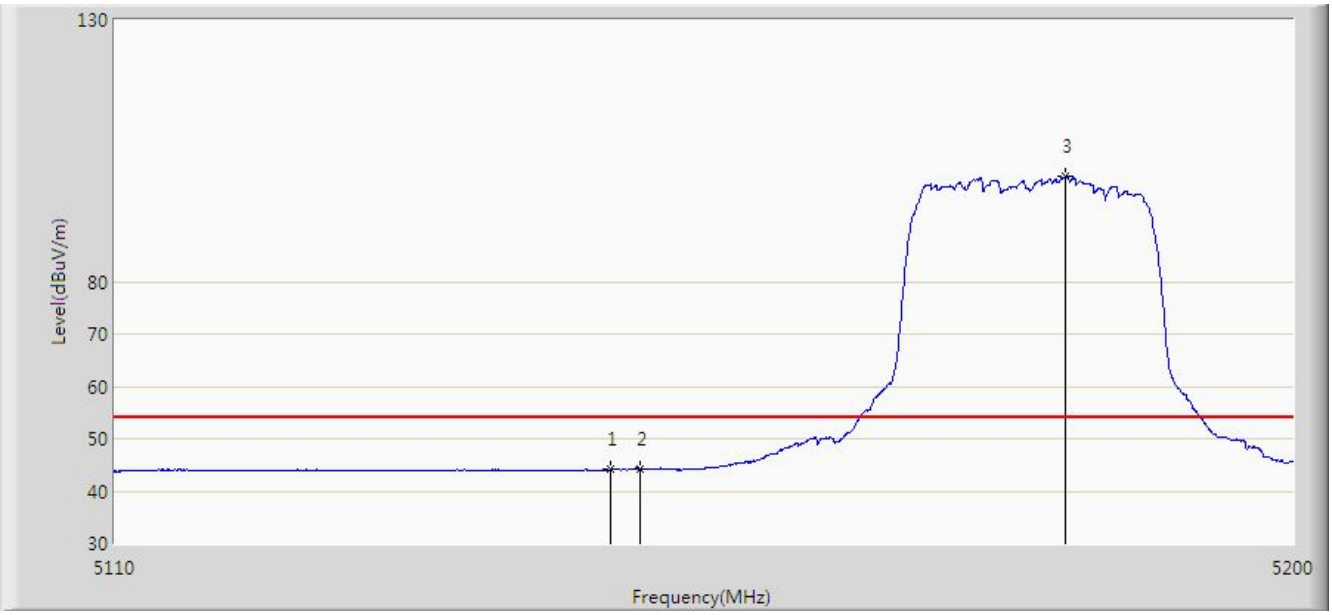


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.000	57.692	53.272	-16.308	74.000	4.420	PK
2			5150.000	55.735	51.293	-18.265	74.000	4.442	PK
3		*	5176.420	109.514	104.999	N/A	N/A	4.516	PK

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

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

Site: AC2	Time: 2019/11/16 - 12:51
Limit: FCC_Part15.209_RSE(3m)	Engineer: Yeto Yin
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 5180 MHz (CDD Mode) with DAP645-RW	

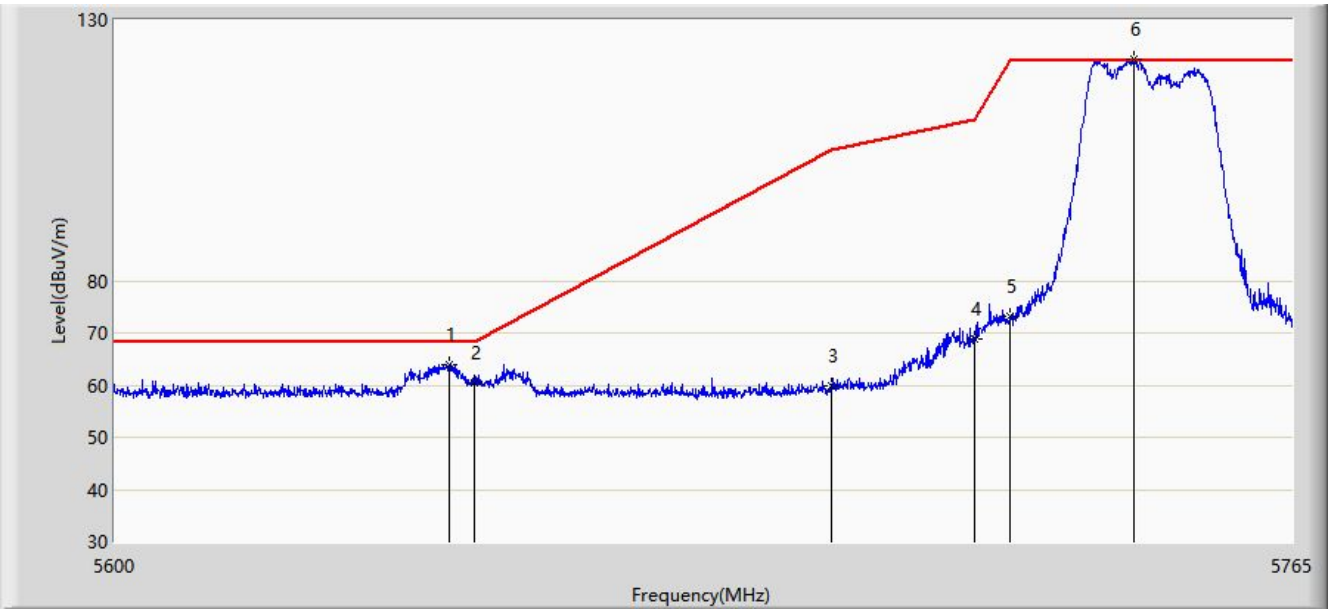


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.755	44.131	39.711	-9.869	54.000	4.421	AV
2			5150.000	44.099	39.657	-9.901	54.000	4.442	AV
3		*	5182.495	100.033	95.571	N/A	N/A	4.463	AV

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

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

Site: AC2	Time: 2020/03/07 - 03:31
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz (CDD Mode) with DAP645-RW	

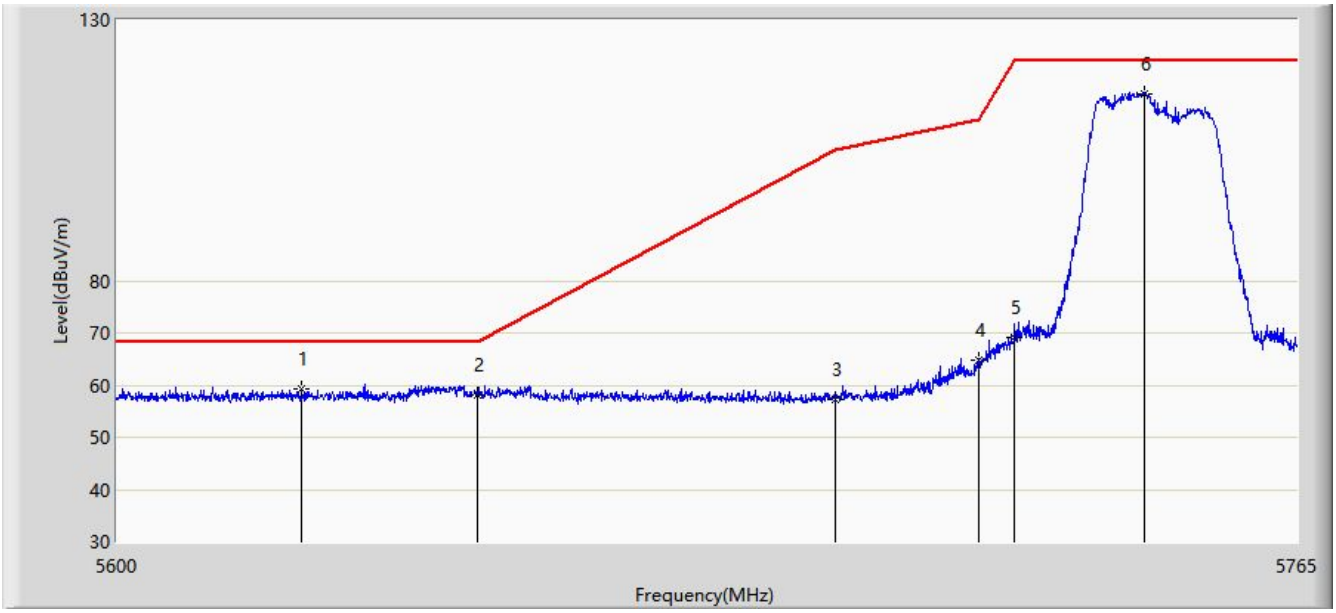


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5646.530	64.056	58.777	-4.144	68.200	5.280	PK
2			5650.000	60.466	55.130	-7.734	68.200	5.336	PK
3			5700.000	59.908	54.590	-45.292	105.200	5.318	PK
4			5720.000	68.750	63.276	-42.050	110.800	5.474	PK
5			5725.000	73.223	67.745	-48.977	122.200	5.478	PK
6		*	5742.643	122.430	116.864	N/A	N/A	5.566	PK

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

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

Site: AC2	Time: 2020/03/07 - 03:32
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz (CDD Mode) with DAP645-RW	

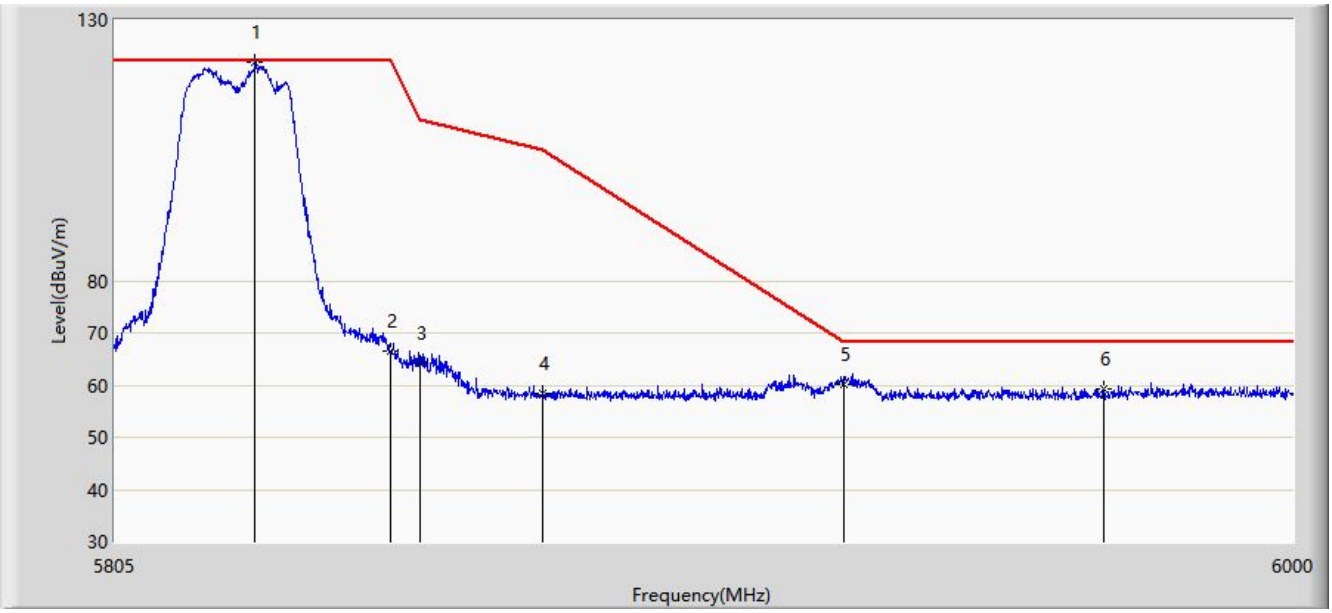


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5625.575	59.181	53.984	-9.019	68.200	5.197	PK
2			5650.000	58.179	52.843	-10.021	68.200	5.336	PK
3			5700.000	57.315	51.997	-47.885	105.200	5.318	PK
4			5720.000	64.715	59.241	-46.085	110.800	5.474	PK
5			5725.000	69.061	63.583	-53.139	122.200	5.478	PK
6		*	5743.385	115.927	110.352	N/A	N/A	5.576	PK

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

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

Site: AC2	Time: 2020/03/07 - 03:33
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz (CDD Mode) with DAP645-RW	

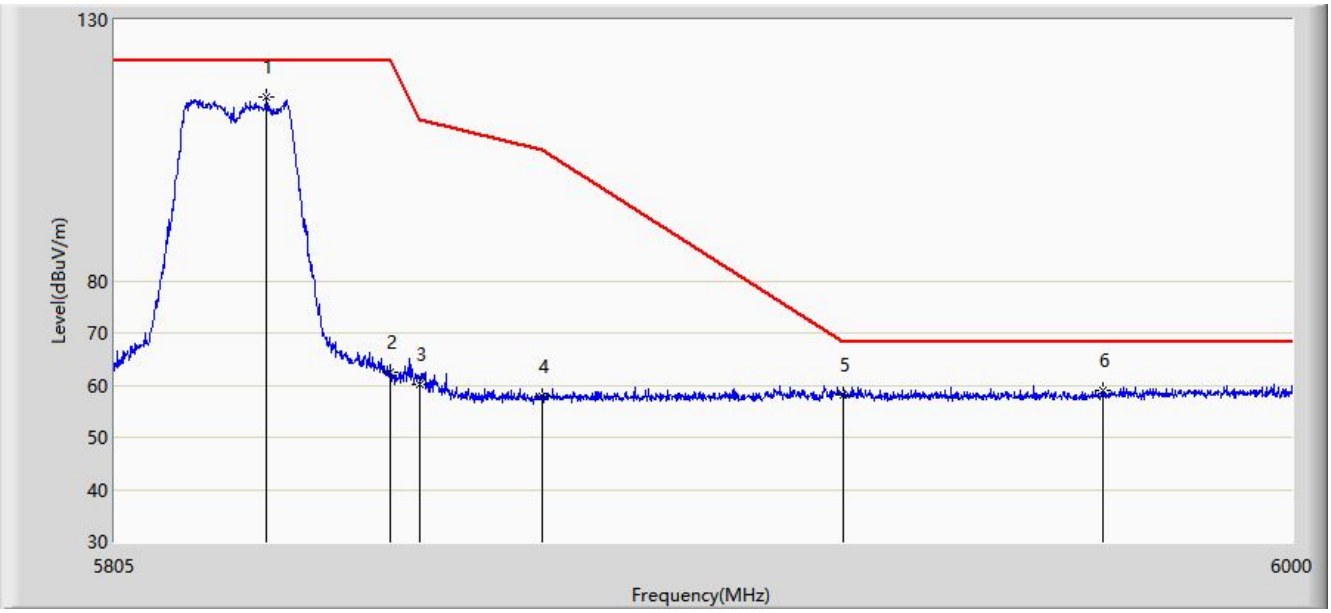


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5827.913	121.827	116.083	N/A	N/A	5.744	PK
2			5850.000	66.505	60.536	-55.695	122.200	5.968	PK
3			5855.000	64.341	58.366	-46.459	110.800	5.975	PK
4			5875.000	58.441	52.428	-46.759	105.200	6.013	PK
5			5925.000	60.138	54.003	-8.062	68.200	6.136	PK
6			5968.215	59.371	53.269	-8.829	68.200	6.101	PK

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

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

Site: AC2	Time: 2020/03/07 - 03:34
Limit: FCC_Part15.209_RSE(3m)	Engineer: Dillon Diao
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: HIT Dragonfly Access Point	Power: By PoE
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz (CDD Mode) with DAP645-RW	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.862	115.188	109.421	N/A	N/A	5.768	PK
2			5850.000	62.328	56.359	-59.872	122.200	5.968	PK
3			5855.000	60.284	54.309	-50.516	110.800	5.975	PK
4			5875.000	57.883	51.870	-47.317	105.200	6.013	PK
5			5925.000	58.212	52.077	-9.988	68.200	6.136	PK
6			5968.215	59.091	52.989	-9.109	68.200	6.101	PK

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

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