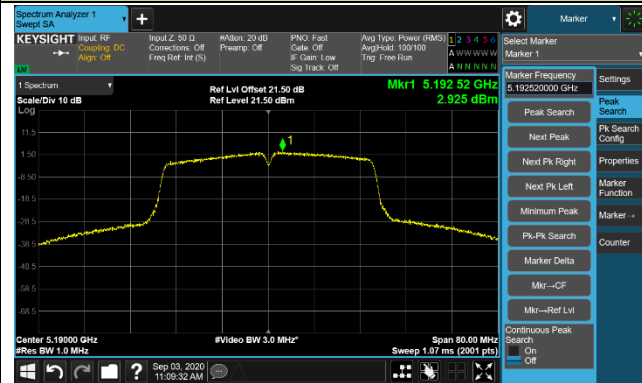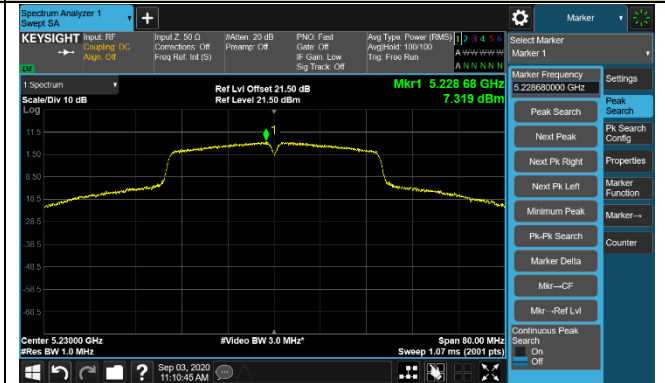## 802.11ac-VHT40 Power Spectral Density – Ant 0

Channel 38 (5190MHz)
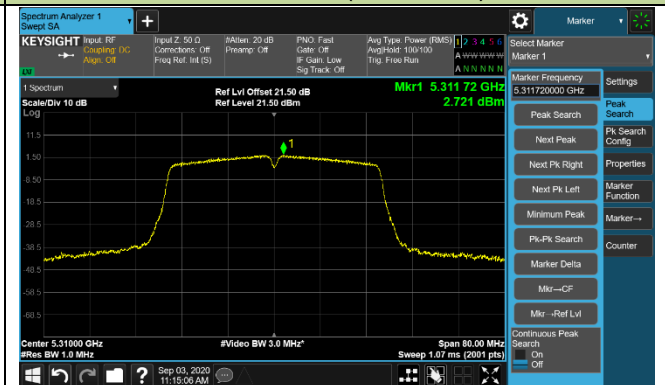

Channel 46 (5230MHz)

Channel 54 (5270MHz)

Channel 62 (5310MHz)

Channel 102 (5510MHz)
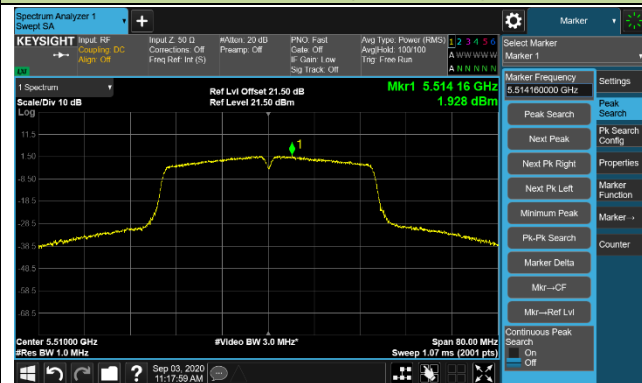
Channel 110 (5550MHz)
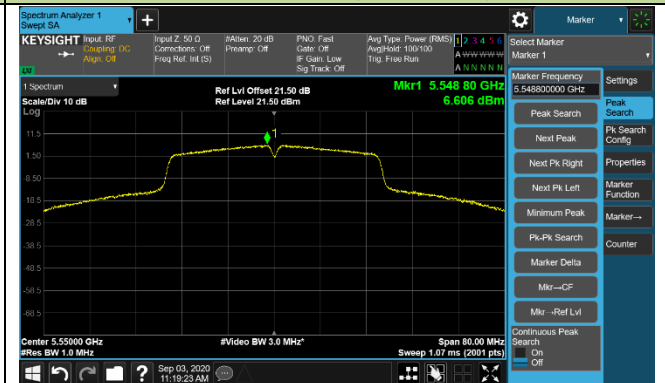
Channel 134 (5670MHz)

Channel 151 (5755MHz)
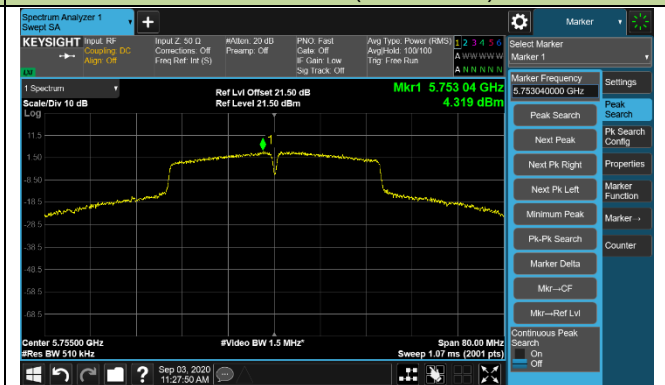
802.11ac-VHT40 Power Spectral Density – Ant 0	
Channel 159 (5795MHz)	--
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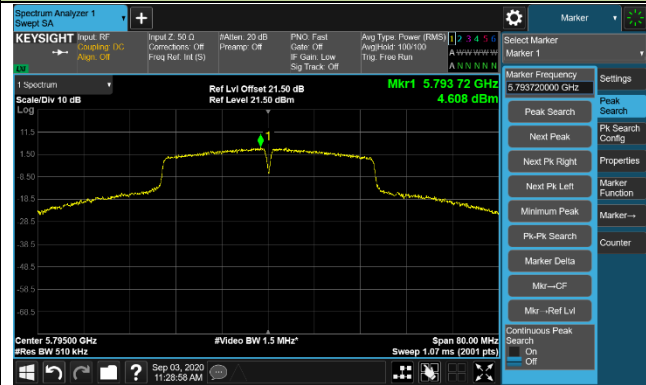
802.11ac-VHT80 Power Spectral Density – Ant 0	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
Channel 106 (5530MHz)	Channel 122 (5610MHz)
Channel 155 (5775MHz)	--
	--
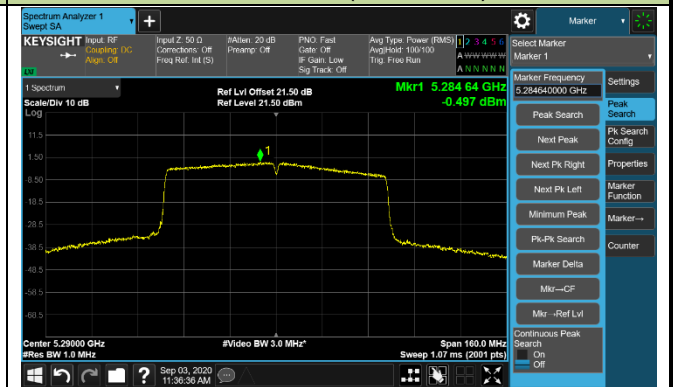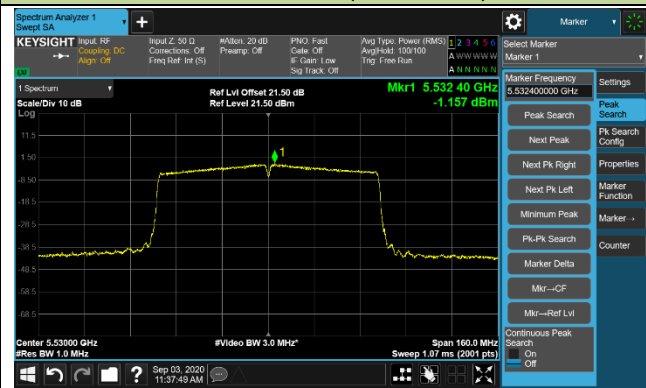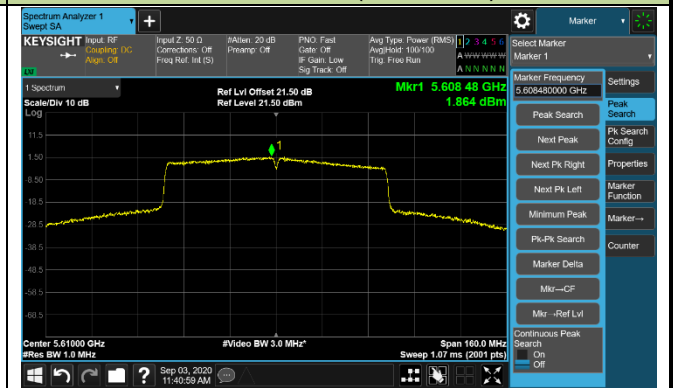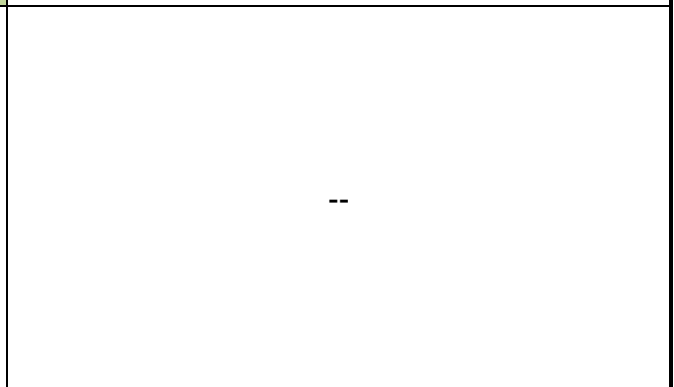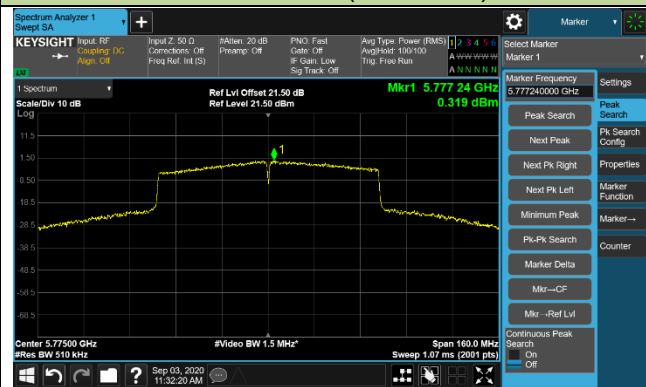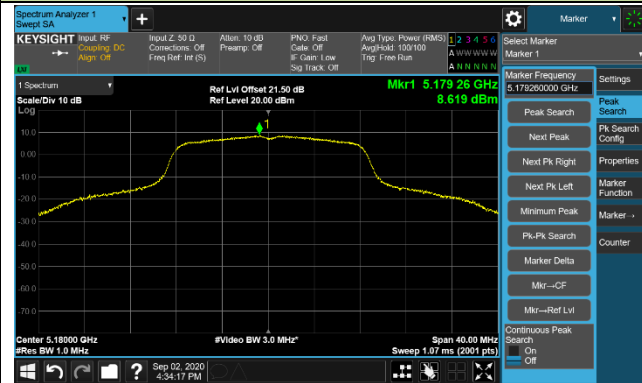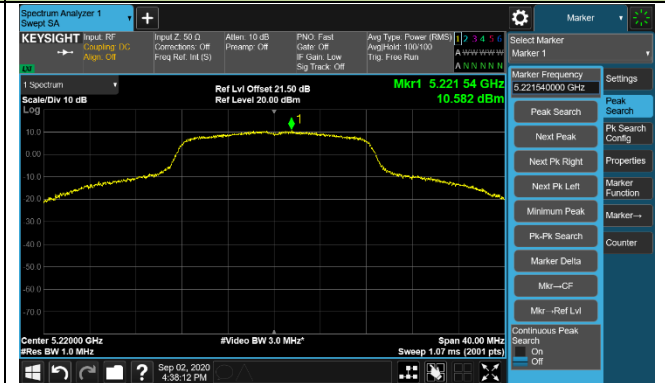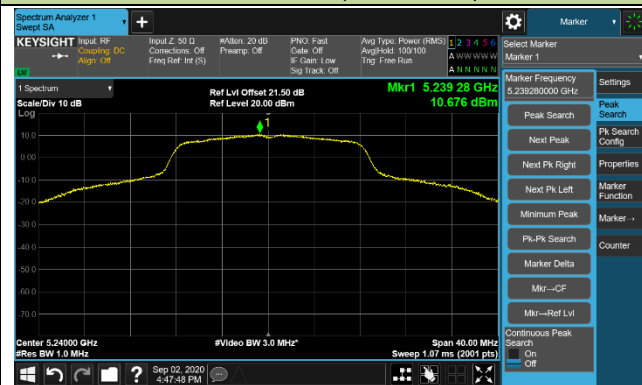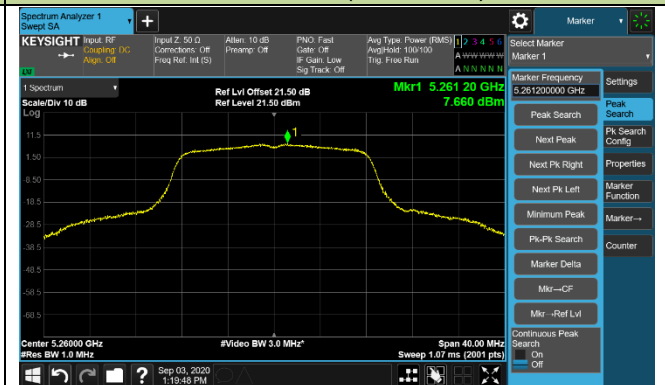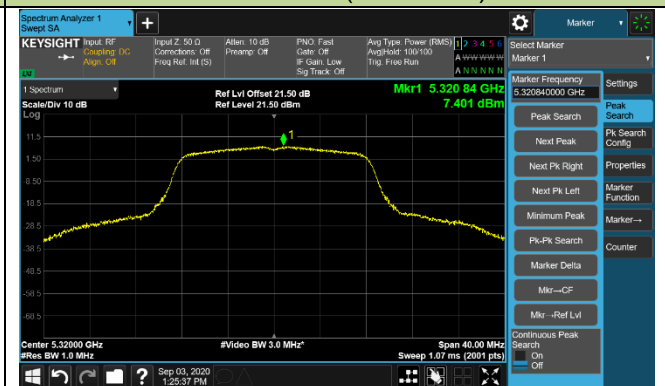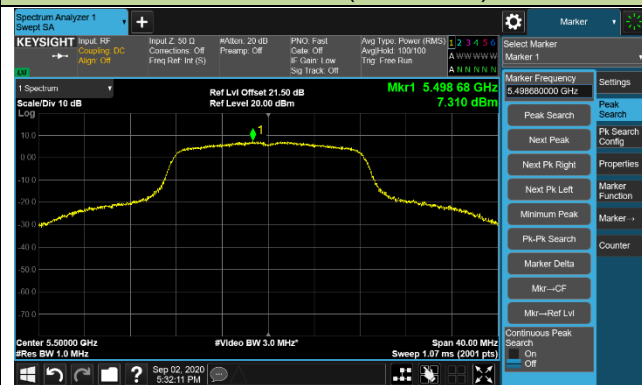
802.11a Power Spectral Density – Ant 1	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
Channel 48 (5240MHz)	**Channel 52 (5260MHz)**
Channel 60 (5300MHz)	**Channel 64 (5320MHz)**
Channel 100 (5500MHz)	**Channel 116 (5580MHz)**
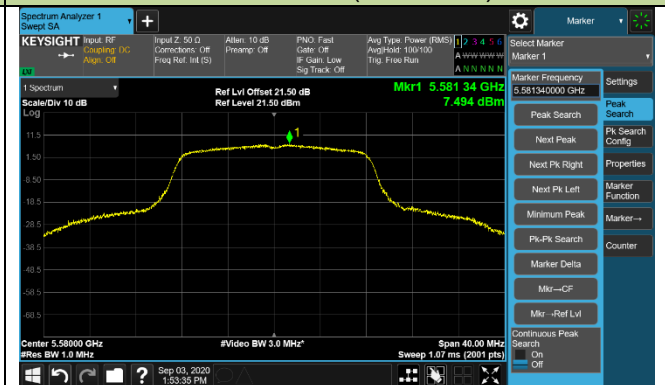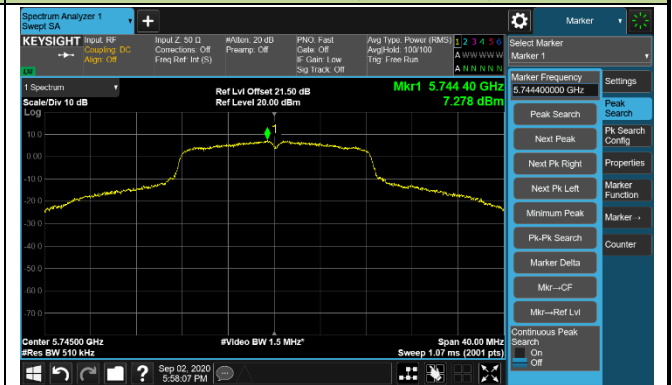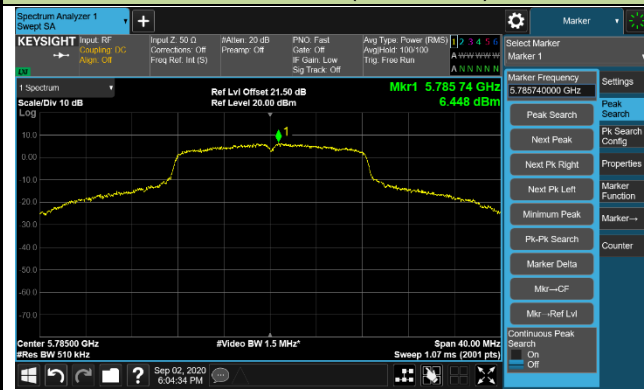
802.11a Power Spectral Density – Ant 1	
Channel 140 (5700MHz)	Channel 149 (5745MHz)
Channel 157 (5785MHz)	Channel 165 (5825MHz)
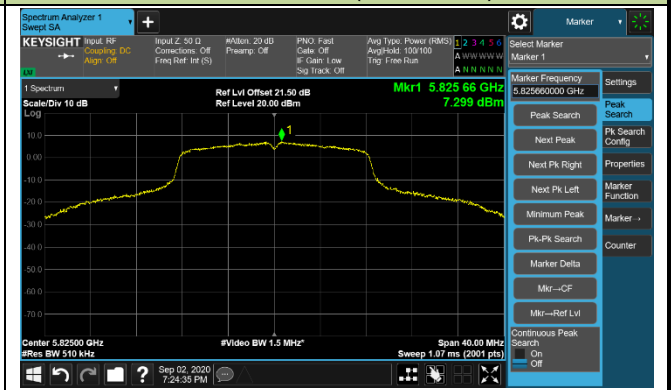
802.11ac-VHT20 Power Spectral Density – Ant 1
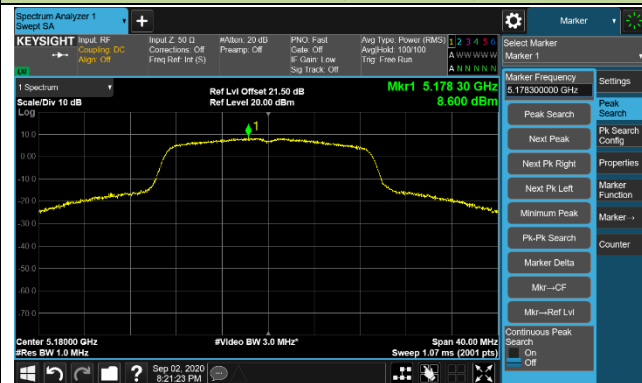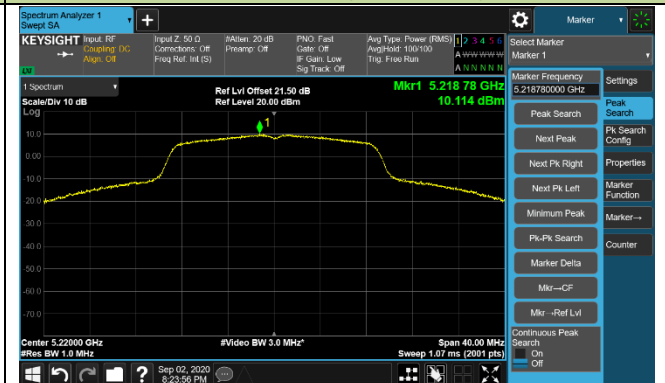
Channel 36 (5180MHz)

Channel 44 (5220MHz)

Channel 48 (5240MHz)

Channel 52 (5260MHz)
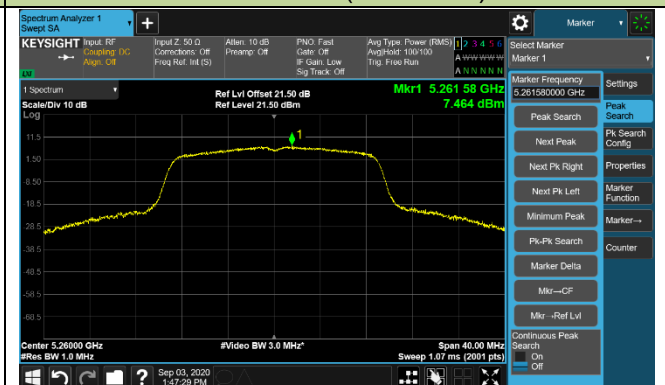
Channel 60 (5300MHz)
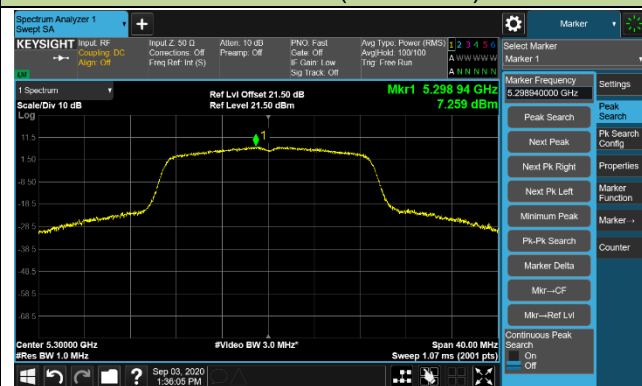
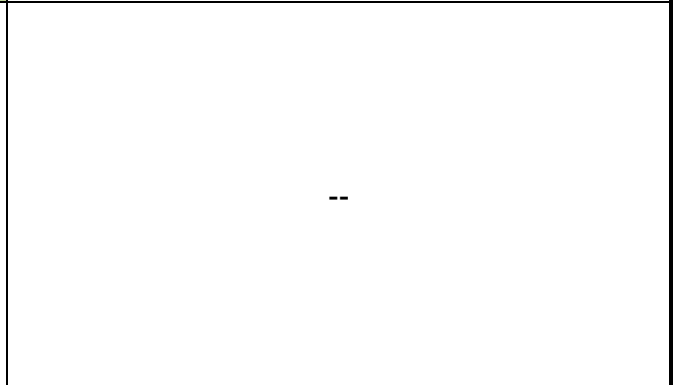### Channel 64 (5320MHz)
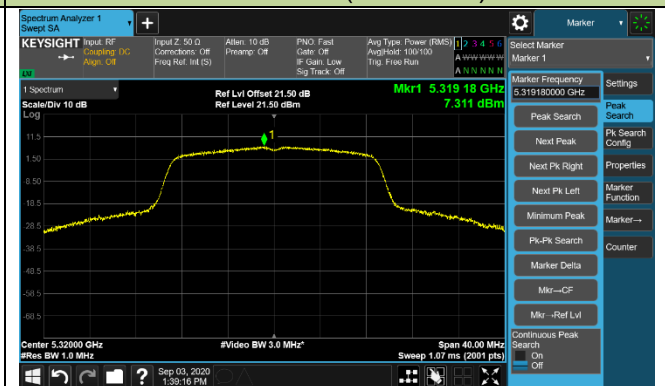
Channel 100 (5500MHz)
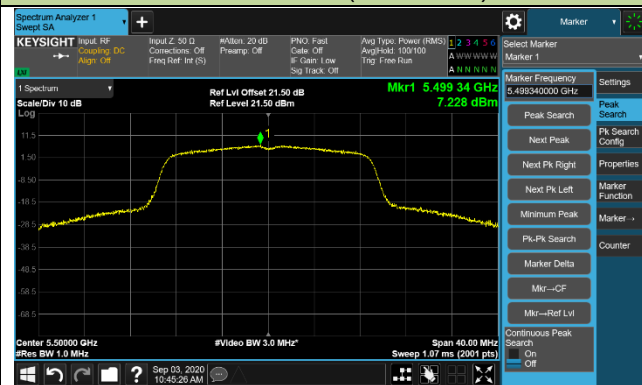
Channel 116 (5580MHz)
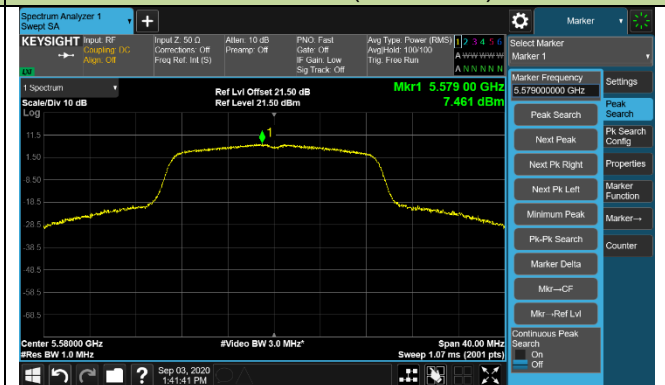
802.11ac-VHT20 Power Spectral Density – Ant 1

Channel 140 (5700MHz)	Channel 149 (5745MHz)
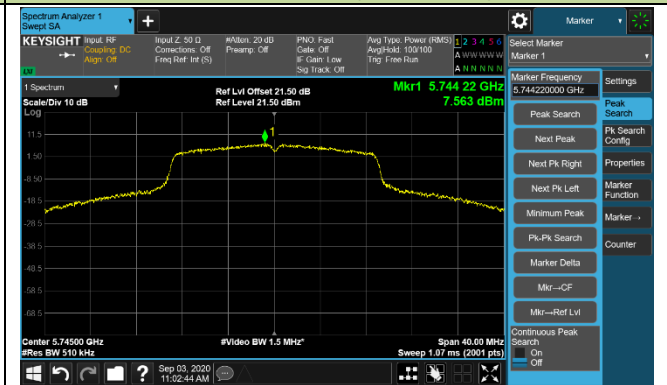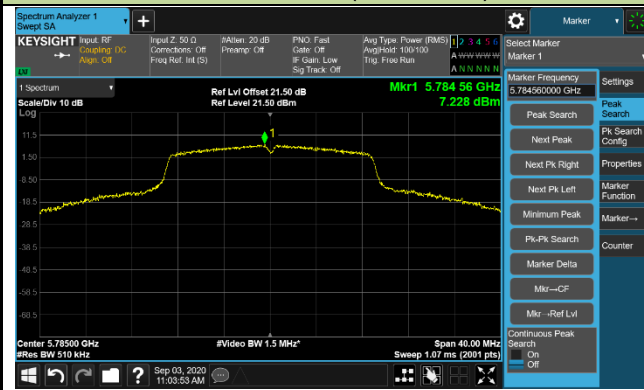
Channel 157 (5785MHz)	Channel 165 (5825MHz)
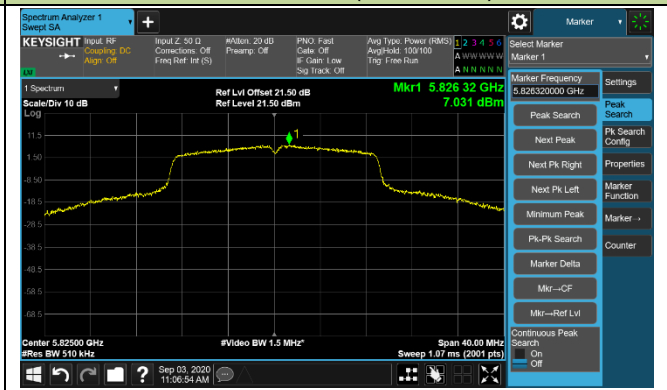
802.11ac-VHT40 Power Spectral Density – Ant 1

Channel 38 (5190MHz)
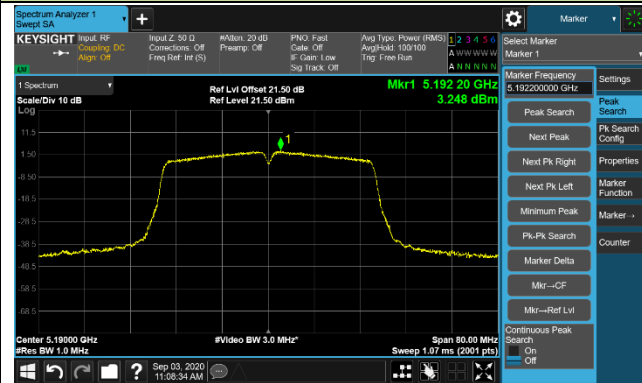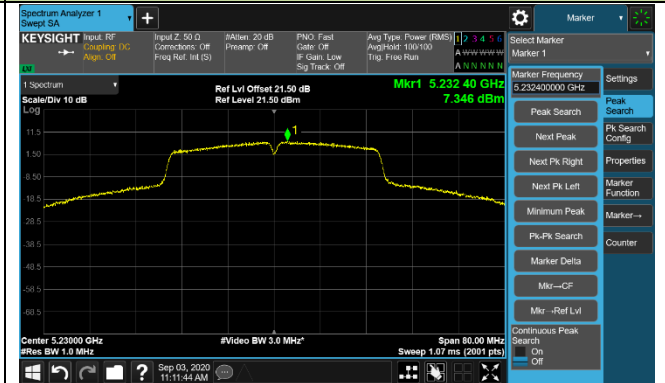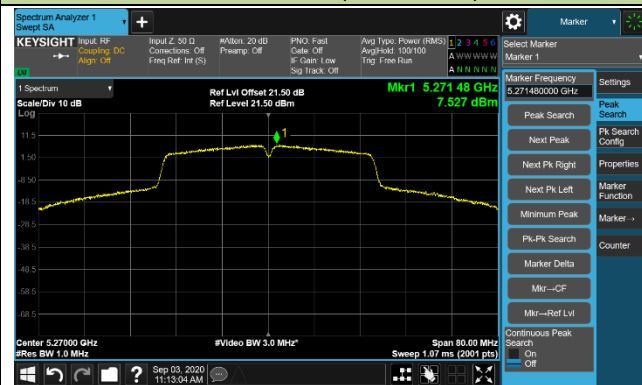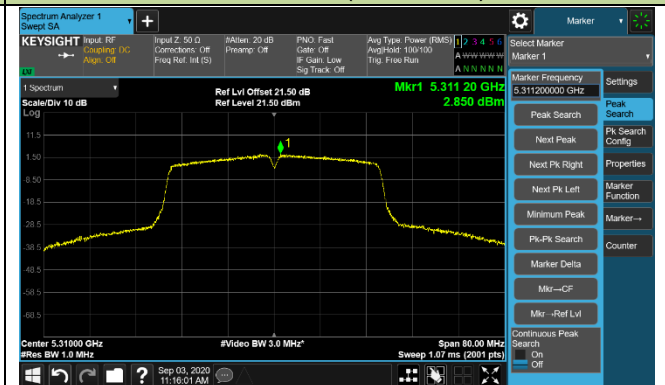
Channel 46 (5230MHz)

Channel 54 (5270MHz)

Channel 62 (5310MHz)

Channel 102 (5510MHz)
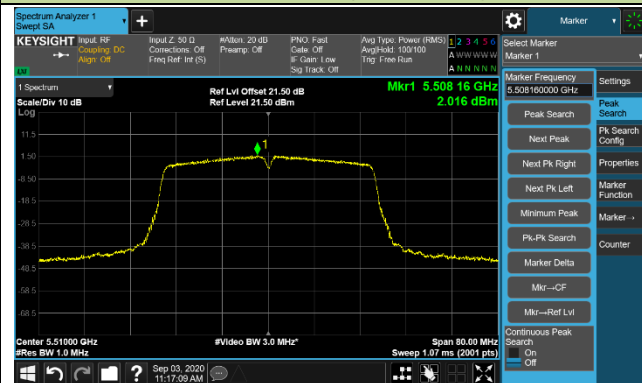
Channel 110 (5550MHz)
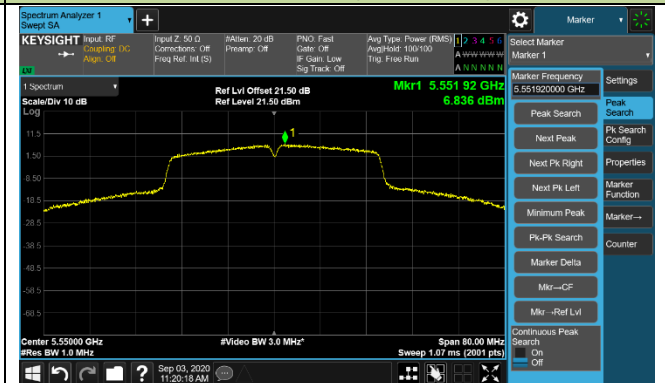
Channel 134 (5670MHz)

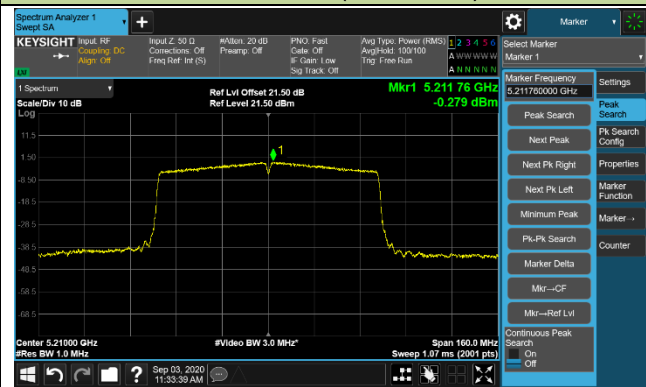### Channel 151 (5755MHz)
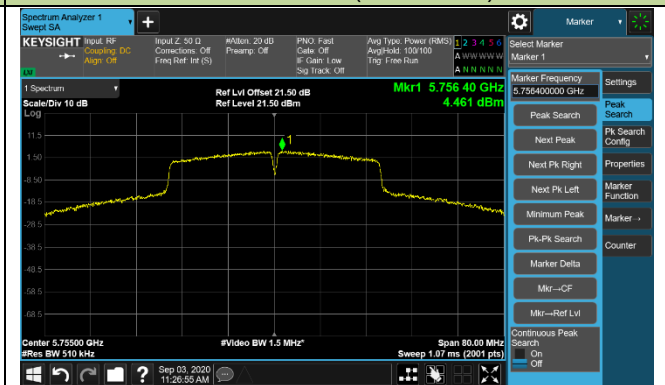
802.11ac-VHT40 Power Spectral Density – Ant 1	
Channel 159 (5795MHz)	--
	--
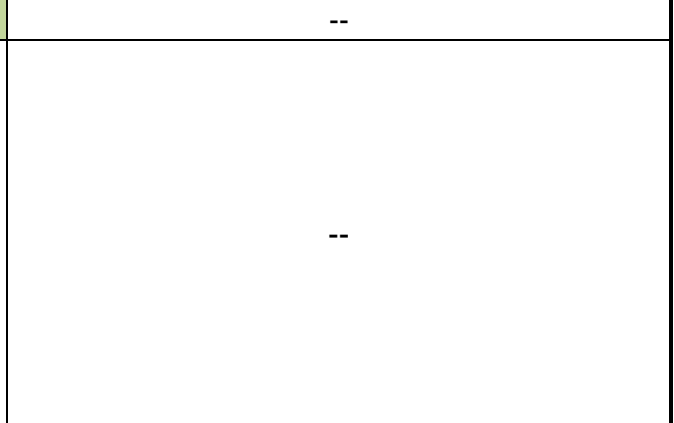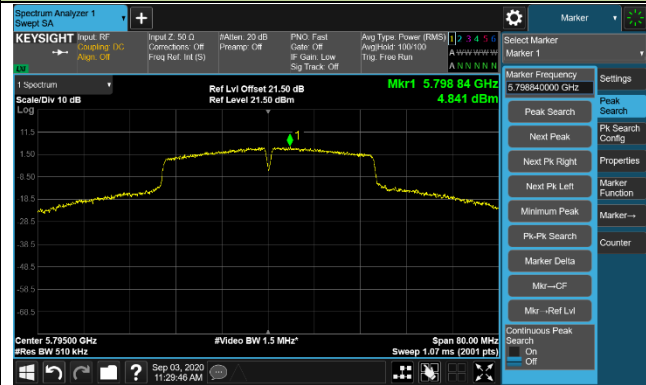
802.11ac-VHT80 Power Spectral Density – Ant 1	
Channel 42 (5210MHz)	Channel 58 (5290MHz)
Channel 106 (5530MHz)	Channel 122 (5610MHz)
Channel 155 (5775MHz)	--
	--
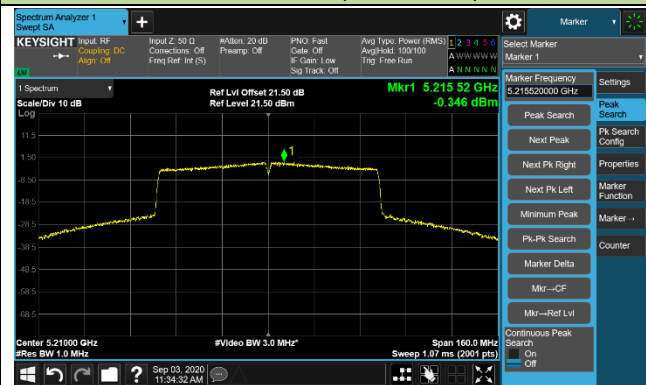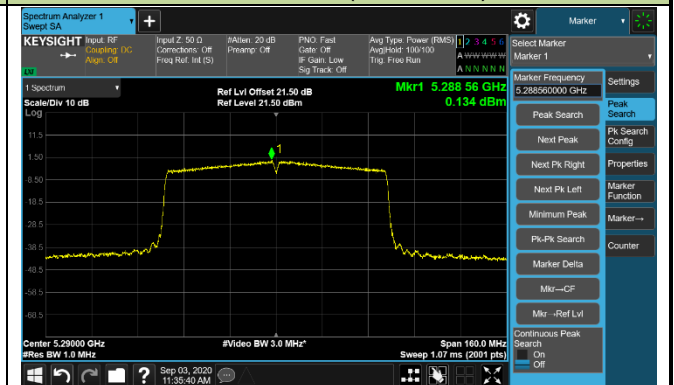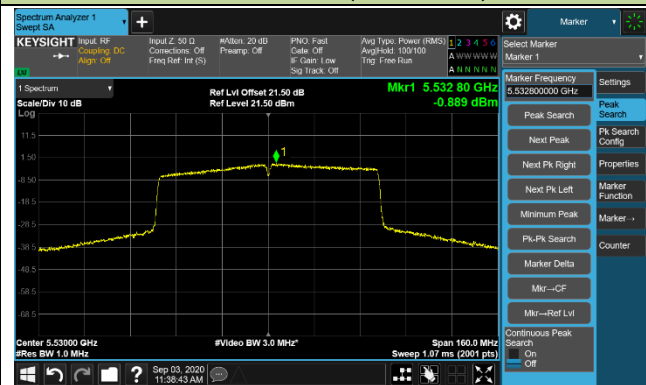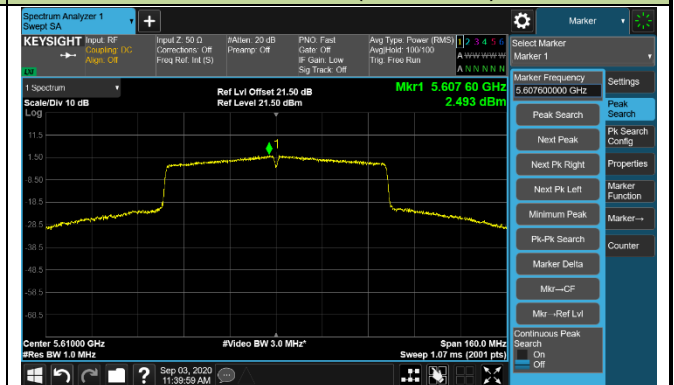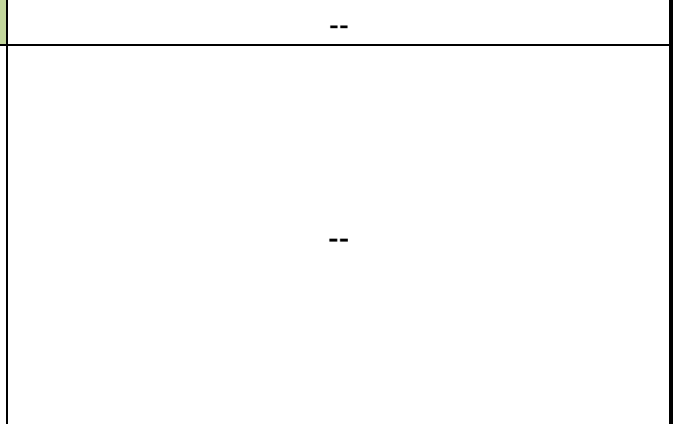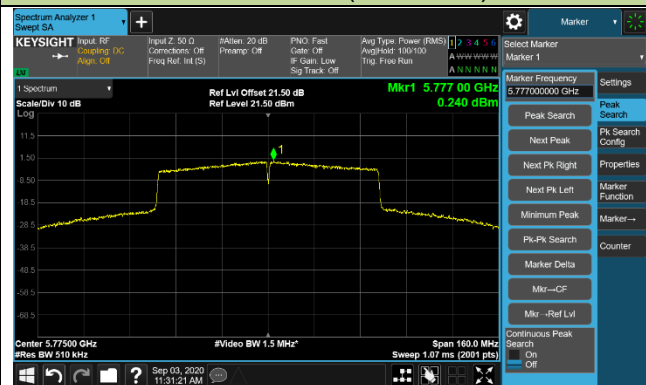
6.7. Frequency Stability Measurement

6.7.1.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.

6.7.2.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, record the maximum frequency change. For hand-carried battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

6.7.3.Test Setup

6.7.3.Test Setup
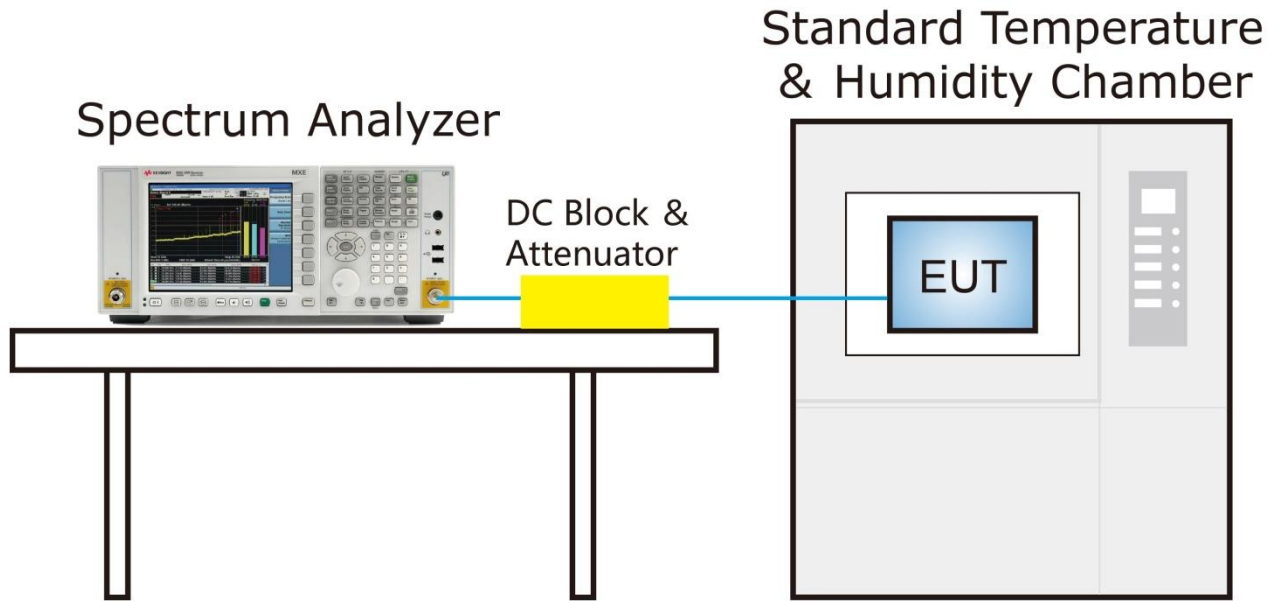
6.7.4.Test Result

Product	AC750 Wi-Fi Range Extender	Test Engineer	Amy Zhang
Test Site	TR3	Test Time	2020/09/11
Test Mode	5180MHz (Carrier Mode)		

Voltage	Power	Temp	Frequency Tolerance (ppm)			
(%)	(V_{DC})	(°C)	0 minutes	2 minutes	5 minutes	10 minutes
100%	120	0	0.00	0.26	-0.11	0.12
		+ 10	15.44	15.25	15.15	15.28
		+ 20 (Ref)	11.58	11.49	11.54	11.69
		+ 30	15.44	15.32	15.26	15.11
		+ 40	1.93	1.84	1.74	1.68
115%	138	+ 20	19.31	19.22	18.99	19.05
85%	102	+ 20	11.58	11.59	11.49	11.58

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

6.8. Radiated Spurious Emission Measurement

6.8.1.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 (µV/m)	Measured Distance (m)
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

6.8.2.Test Procedure Used

KDB 789033 D02v02r01- Section G

6.8.3.Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Quasi-Peak Measurements below 1GHz

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

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Peak Measurements above 1GHz

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

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

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

2. RBW = 1MHz

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

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

4. Detector = Peak

5. Sweep time = auto

6. Trace mode = max hold

7. Trace was allowed to stabilize

6.8.4.Test Setup

Below 1GHz Test Setup:
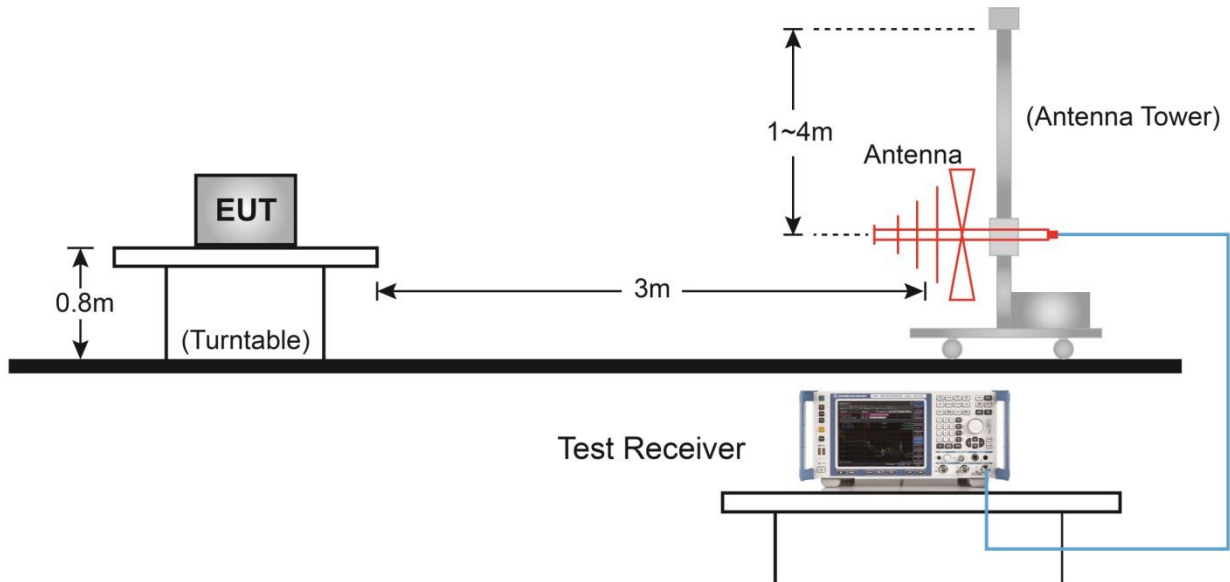
Above1GHz Test Setup:

6.8.5.Test Result

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	34.1	7.9	42.0	74.0	-32.0	Peak	Horizontal
	8250.5	34.3	8.4	42.7	74.0	-31.3	Peak	Horizontal
*	9908.0	33.7	11.1	44.8	68.2	-23.4	Peak	Horizontal
*	10307.5	32.4	12.4	44.8	68.2	-23.4	Peak	Horizontal
	7366.5	34.9	8.1	43.0	74.0	-31.0	Peak	Vertical
	8276.0	35.5	8.3	43.8	74.0	-30.2	Peak	Vertical
*	8998.5	33.6	10.1	43.7	68.2	-24.5	Peak	Vertical
*	9942.0	33.1	10.9	44.0	68.2	-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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7502.5	34.5	8.0	42.5	74.0	-31.5	Peak	Horizontal
	8174.0	35.2	8.6	43.8	74.0	-30.2	Peak	Horizontal
*	9823.0	35.8	10.7	46.5	68.2	-21.7	Peak	Horizontal
*	10248.0	34.4	11.9	46.3	68.2	-21.9	Peak	Horizontal
	7341.0	34.1	8.0	42.1	74.0	-31.9	Peak	Vertical
	8437.5	33.5	8.7	42.2	74.0	-31.8	Peak	Vertical
*	8667.0	33.2	9.6	42.8	68.2	-25.4	Peak	Vertical
*	9967.5	34.1	11.4	45.5	68.2	-22.7	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.0	34.5	8.0	42.5	74.0	-31.5	Peak	Horizontal
	8165.5	34.2	8.5	42.7	74.0	-31.3	Peak	Horizontal
*	8616.0	33.1	9.2	42.3	68.2	-25.9	Peak	Horizontal
*	10214.0	33.2	12.0	45.2	68.2	-23.0	Peak	Horizontal
	7426.0	34.2	8.1	42.3	74.0	-31.7	Peak	Vertical
	8123.0	34.2	8.9	43.1	74.0	-30.9	Peak	Vertical
*	8752.0	34.3	10.1	44.4	68.2	-23.8	Peak	Vertical
*	9721.0	34.5	10.8	45.3	68.2	-22.9	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7468.5	33.7	8.2	41.9	74.0	-32.1	Peak	Horizontal
	8267.5	34.4	8.3	42.7	74.0	-31.3	Peak	Horizontal
*	8803.0	34.5	10.0	44.5	68.2	-23.7	Peak	Horizontal
*	9959.0	34.8	11.1	45.9	68.2	-22.3	Peak	Horizontal
	7732.0	34.1	8.2	42.3	74.0	-31.7	Peak	Vertical
	8301.5	34.3	8.4	42.7	74.0	-31.3	Peak	Vertical
*	8752.0	34.2	10.1	44.3	68.2	-23.9	Peak	Vertical
*	9678.5	32.6	10.7	43.3	68.2	-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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	35.2	7.9	43.1	74.0	-30.9	Peak	Horizontal
	8471.5	34.8	8.8	43.6	74.0	-30.4	Peak	Horizontal
*	8735.0	33.0	9.8	42.8	68.2	-25.4	Peak	Horizontal
*	10307.5	32.4	12.4	44.8	68.2	-23.4	Peak	Horizontal
	7553.5	34.0	8.2	42.2	74.0	-31.8	Peak	Vertical
	8233.5	34.9	8.3	43.2	74.0	-30.8	Peak	Vertical
*	9270.5	33.7	11.0	44.7	68.2	-23.5	Peak	Vertical
*	9899.5	34.1	11.1	45.2	68.2	-23.0	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7451.5	34.3	8.3	42.6	74.0	-31.4	Peak	Horizontal
	8242.0	34.8	8.5	43.3	74.0	-30.7	Peak	Horizontal
*	8769.0	33.7	10.1	43.8	68.2	-24.4	Peak	Horizontal
*	9738.0	33.8	10.8	44.6	68.2	-23.6	Peak	Horizontal
	7400.5	33.1	8.2	41.3	74.0	-32.7	Peak	Vertical
	8199.5	34.0	8.4	42.4	74.0	-31.6	Peak	Vertical
*	8930.5	32.0	9.8	41.8	68.2	-26.4	Peak	Vertical
*	9593.5	32.9	10.5	43.4	68.2	-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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	33.5	8.3	41.8	74.0	-32.2	Peak	Horizontal
	8131.5	33.0	8.8	41.8	74.0	-32.2	Peak	Horizontal
*	8735.0	32.2	9.8	42.0	68.2	-26.2	Peak	Horizontal
*	10129.0	34.3	11.1	45.4	68.2	-22.8	Peak	Horizontal
	7451.5	33.4	8.3	41.7	74.0	-32.3	Peak	Vertical
	8446.0	33.8	8.7	42.5	74.0	-31.5	Peak	Vertical
*	8811.5	33.8	9.9	43.7	68.2	-24.5	Peak	Vertical
*	9772.0	33.8	10.6	44.4	68.2	-23.8	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7443.0	33.7	8.3	42.0	74.0	-32.0	Peak	Horizontal
	8242.0	34.7	8.5	43.2	74.0	-30.8	Peak	Horizontal
*	8760.5	33.2	10.1	43.3	68.2	-24.9	Peak	Horizontal
*	10027.0	34.5	11.0	45.5	68.2	-22.7	Peak	Horizontal
	7732.0	34.8	8.2	43.0	74.0	-31.0	Peak	Vertical
	8199.5	34.6	8.4	43.0	74.0	-31.0	Peak	Vertical
*	8752.0	34.1	10.1	44.2	68.2	-24.0	Peak	Vertical
*	10273.5	33.5	12.2	45.7	68.2	-22.5	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7715.0	35.0	8.2	43.2	74.0	-30.8	Peak	Horizontal
	8216.5	35.0	8.2	43.2	74.0	-30.8	Peak	Horizontal
*	8760.5	33.9	10.1	44.0	68.2	-24.2	Peak	Horizontal
*	10316.0	33.5	12.6	46.1	68.2	-22.1	Peak	Horizontal
	7715.0	34.3	8.2	42.5	74.0	-31.5	Peak	Vertical
	8208.0	35.1	8.3	43.4	74.0	-30.6	Peak	Vertical
*	8777.5	33.6	10.0	43.6	68.2	-24.6	Peak	Vertical
*	9848.5	34.7	10.9	45.6	68.2	-22.6	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7502.5	34.6	8.0	42.6	74.0	-31.4	Peak	Horizontal
	8216.5	34.6	8.2	42.8	74.0	-31.2	Peak	Horizontal
*	8743.5	33.3	9.9	43.2	68.2	-25.0	Peak	Horizontal
*	10307.5	33.4	12.4	45.8	68.2	-22.4	Peak	Horizontal
	7298.5	34.8	8.0	42.8	74.0	-31.2	Peak	Vertical
	8123.0	33.9	8.9	42.8	74.0	-31.2	Peak	Vertical
*	8956.0	32.9	9.9	42.8	68.2	-25.4	Peak	Vertical
*	9899.5	33.1	11.1	44.2	68.2	-24.0	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	32.7	8.1	40.8	74.0	-33.2	Peak	Horizontal
	8276.0	33.5	8.3	41.8	74.0	-32.2	Peak	Horizontal
*	8735.0	32.8	9.8	42.6	68.2	-25.6	Peak	Horizontal
*	9993.0	31.9	11.1	43.0	68.2	-25.2	Peak	Horizontal
	7604.5	31.9	8.1	40.0	74.0	-34.0	Peak	Vertical
	8352.5	32.2	8.6	40.8	74.0	-33.2	Peak	Vertical
*	8930.5	32.9	9.8	42.7	68.2	-25.5	Peak	Vertical
*	10078.0	32.8	11.3	44.1	68.2	-24.1	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11a	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	32.5	8.1	40.6	74.0	-33.4	Peak	Horizontal
	8242.0	33.2	8.5	41.7	74.0	-32.3	Peak	Horizontal
*	8888.0	32.4	10.0	42.4	68.2	-25.8	Peak	Horizontal
*	10171.5	32.0	11.6	43.6	68.2	-24.6	Peak	Horizontal
	7400.5	32.0	8.2	40.2	74.0	-33.8	Peak	Vertical
	8310.0	32.6	8.4	41.0	74.0	-33.0	Peak	Vertical
*	8735.0	32.4	9.8	42.2	68.2	-26.0	Peak	Vertical
*	10265.0	31.8	12.2	44.0	68.2	-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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11ac-VHT20	Test Channel	36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	33.9	8.2	42.1	74.0	-31.9	Peak	Horizontal
	8276.0	33.3	8.3	41.6	74.0	-32.4	Peak	Horizontal
*	8990.0	34.1	10.0	44.1	68.2	-24.1	Peak	Horizontal
*	10358.5	35.8	12.6	48.4	68.2	-19.8	Peak	Horizontal
	7638.5	34.8	8.1	42.9	74.0	-31.1	Peak	Vertical
	8199.5	33.4	8.4	41.8	74.0	-32.2	Peak	Vertical
*	8888.0	33.7	10.0	43.7	68.2	-24.5	Peak	Vertical
*	10358.5	39.9	12.6	52.5	68.2	-15.7	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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11ac-VHT20	Test Channel	44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7672.5	33.9	8.2	42.1	74.0	-31.9	Peak	Horizontal
	8310.0	33.1	8.4	41.5	74.0	-32.5	Peak	Horizontal
*	8888.0	33.4	10.0	43.4	68.2	-24.8	Peak	Horizontal
*	10435.0	35.9	12.5	48.4	68.2	-19.8	Peak	Horizontal
	7468.5	33.3	8.2	41.5	74.0	-32.5	Peak	Vertical
	8199.5	33.2	8.4	41.6	74.0	-32.4	Peak	Vertical
*	8582.0	32.5	8.8	41.3	68.2	-26.9	Peak	Vertical
*	10435.0	35.3	12.5	47.8	68.2	-20.4	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11ac-VHT20	Test Channel	48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.8	8.2	41.0	74.0	-33.0	Peak	Horizontal
	8310.0	32.9	8.4	41.3	74.0	-32.7	Peak	Horizontal
*	8735.0	32.7	9.8	42.5	68.2	-25.7	Peak	Horizontal
*	10477.5	35.5	12.6	48.1	68.2	-20.1	Peak	Horizontal
	7502.5	32.0	8.0	40.0	74.0	-34.0	Peak	Vertical
	8310.0	32.8	8.4	41.2	74.0	-32.8	Peak	Vertical
*	8888.0	32.7	10.0	42.7	68.2	-25.5	Peak	Vertical
*	10477.5	39.2	12.6	51.8	68.2	-16.4	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11ac-VHT20	Test Channel	52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7434.5	32.8	8.2	41.0	74.0	-33.0	Peak	Horizontal
	8352.5	32.3	8.6	40.9	74.0	-33.1	Peak	Horizontal
*	8616.0	33.4	9.2	42.6	68.2	-25.6	Peak	Horizontal
*	10520.0	36.1	12.7	48.8	68.2	-19.4	Peak	Horizontal
	7366.5	34.1	8.1	42.2	74.0	-31.8	Peak	Vertical
	8463.0	35.0	8.9	43.9	74.0	-30.1	Peak	Vertical
*	9296.0	33.1	10.9	44.0	68.2	-24.2	Peak	Vertical
*	10520.0	38.5	12.7	51.2	68.2	-17.0	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11ac-VHT20	Test Channel	60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	33.5	8.2	41.7	74.0	-32.3	Peak	Horizontal
	8352.5	32.2	8.6	40.8	74.0	-33.2	Peak	Horizontal
*	8777.5	34.7	10.0	44.7	68.2	-23.5	Peak	Horizontal
*	10520.0	36.0	12.7	48.7	68.2	-19.5	Peak	Horizontal
	7706.5	32.8	8.1	40.9	74.0	-33.1	Peak	Vertical
	8165.5	33.0	8.5	41.5	74.0	-32.5	Peak	Vertical
*	8888.0	32.5	10.0	42.5	68.2	-25.7	Peak	Vertical
*	10528.5	39.9	12.8	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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/01
Test Mode	802.11ac-VHT20	Test Channel	64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9049.5	33.3	10.1	43.4	74.0	-30.6	Peak	Horizontal
	10639.0	36.1	13.4	49.5	74.0	-24.5	Peak	Horizontal
*	12891.5	30.4	15.4	45.8	68.2	-22.4	Peak	Horizontal
*	13308.0	29.3	17.3	46.6	74.0	-27.4	Peak	Horizontal
	8352.5	31.9	8.6	40.5	74.0	-33.5	Peak	Vertical
	10639.0	38.2	13.4	51.6	74.0	-22.4	Peak	Vertical
*	12781.0	31.0	15.6	46.6	68.2	-21.6	Peak	Vertical
*	13189.0	29.2	17.1	46.3	68.2	-21.9	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT20	Test Channel	100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7681.0	34.0	8.5	42.5	74.0	-31.5	Peak	Horizontal
	8386.5	31.7	8.6	40.3	74.0	-33.7	Peak	Horizontal
*	8888.0	32.1	10.0	42.1	68.2	-26.1	Peak	Horizontal
*	9993.0	32.6	11.1	43.7	68.2	-24.5	Peak	Horizontal
	8412.0	33.3	8.8	42.1	74.0	-31.9	Peak	Vertical
	10996.0	33.4	14.7	48.1	74.0	-25.9	Peak	Vertical
*	12840.5	31.8	15.5	47.3	68.2	-20.9	Peak	Vertical
*	13673.5	30.6	18.4	49.0	68.2	-19.2	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT20	Test Channel	116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	34.0	8.1	42.1	74.0	-31.9	Peak	Horizontal
	11200.0	35.2	14.9	50.1	74.0	-23.9	Peak	Horizontal
*	13019.0	30.8	16.5	47.3	68.2	-20.9	Peak	Horizontal
*	13852.0	30.4	21.1	51.5	68.2	-16.7	Peak	Horizontal
	8242.0	32.1	8.5	40.6	74.0	-33.4	Peak	Vertical
	11191.5	37.0	15.1	52.1	74.0	-21.9	Peak	Vertical
*	12840.5	30.6	15.5	46.1	68.2	-22.1	Peak	Vertical
*	13665.0	30.2	18.5	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT20	Test Channel	140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	33.7	8.2	41.9	74.0	-32.1	Peak	Horizontal
	8165.5	31.9	8.5	40.4	74.0	-33.6	Peak	Horizontal
*	8888.0	32.1	10.0	42.1	68.2	-26.1	Peak	Horizontal
*	10401.0	30.9	12.6	43.5	68.2	-24.7	Peak	Horizontal
	7536.5	32.1	8.1	40.2	74.0	-33.8	Peak	Vertical
	8242.0	32.2	8.5	40.7	74.0	-33.3	Peak	Vertical
*	10035.5	32.0	10.9	42.9	68.2	-25.3	Peak	Vertical
*	10537.0	32.3	12.8	45.1	68.2	-23.1	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT20	Test Channel	149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8199.5	34.3	8.4	42.7	74.0	-31.3	Peak	Horizontal
	11489.0	38.2	15.7	53.9	74.0	-20.1	Peak	Horizontal
	11489.7	28.3	15.7	44.0	54.0	-10.0	Average	Horizontal
*	12781.0	31.3	15.6	46.9	68.2	-21.3	Peak	Horizontal
*	13665.0	31.5	18.5	50.0	68.2	-18.2	Peak	Horizontal
	7477.0	33.7	8.2	41.9	74.0	-32.1	Peak	Vertical
	11489.9	31.4	15.7	47.1	54.0	-6.9	Average	Vertical
	11489.9	39.7	15.6	55.3	74.0	-18.7	Peak	Vertical
*	13070.0	30.5	16.5	47.0	68.2	-21.2	Peak	Vertical
*	13733.0	30.9	18.4	49.3	68.2	-18.9	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT20	Test Channel	157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	34.6	8.1	42.7	74.0	-31.3	Peak	Horizontal
	11569.3	40.9	15.8	56.7	74.0	-17.3	Peak	Horizontal
	11569.3	29.5	15.9	45.4	54.0	-8.6	Average	Horizontal
*	12900.0	30.2	15.5	45.7	68.2	-22.5	Peak	Horizontal
*	15016.5	30.3	17.1	47.4	68.2	-20.8	Peak	Horizontal
	7536.5	31.9	8.1	40.0	74.0	-34.0	Peak	Vertical
	11567.4	42.0	15.8	57.8	74.0	-16.2	Peak	Vertical
	11567.4	32.5	15.9	48.4	54.0	-5.6	Average	Vertical
*	13070.0	30.9	16.5	47.4	68.2	-20.8	Peak	Vertical
*	13427.0	29.2	18.4	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT20	Test Channel	165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8242.0	31.8	8.5	40.3	74.0	-33.7	Peak	Horizontal
	11619.4	31.6	15.8	47.4	54.0	-6.6	Average	Horizontal
	11619.4	42.0	15.9	57.9	74.0	-16.1	Peak	Horizontal
*	13053.0	31.3	16.7	48.0	68.2	-20.2	Peak	Horizontal
*	13605.5	31.1	18.6	49.7	68.2	-18.5	Peak	Horizontal
	8242.0	33.6	8.5	42.1	74.0	-31.9	Peak	Vertical
	11647.6	32.5	16.1	48.6	54.0	-5.4	Average	Vertical
	11647.6	41.6	15.9	57.5	74.0	-16.5	Peak	Vertical
*	12840.5	30.5	15.5	46.0	68.2	-22.2	Peak	Vertical
*	13733.0	30.4	18.4	48.8	68.2	-19.4	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT40	Test Channel	38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	33.6	8.2	41.8	74.0	-32.2	Peak	Horizontal
	8386.5	32.7	8.6	41.3	74.0	-32.7	Peak	Horizontal
*	9899.5	33.2	11.1	44.3	68.2	-23.9	Peak	Horizontal
*	10307.5	33.4	12.4	45.8	68.2	-22.4	Peak	Horizontal
	7638.5	33.7	8.1	41.8	74.0	-32.2	Peak	Vertical
	8165.5	32.5	8.5	41.0	74.0	-33.0	Peak	Vertical
*	9899.5	32.5	11.1	43.6	68.2	-24.6	Peak	Vertical
*	10537.0	31.7	12.8	44.5	68.2	-23.7	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT40	Test Channel	46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.9	8.0	40.9	74.0	-33.1	Peak	Horizontal
	8352.5	31.9	8.6	40.5	74.0	-33.5	Peak	Horizontal
*	8811.5	31.1	9.9	41.0	68.2	-27.2	Peak	Horizontal
*	10452.0	34.4	12.5	46.9	68.2	-21.3	Peak	Horizontal
	7570.5	32.3	8.2	40.5	74.0	-33.5	Peak	Vertical
	8276.0	32.6	8.3	40.9	74.0	-33.1	Peak	Vertical
*	9746.5	33.6	10.8	44.4	68.2	-23.8	Peak	Vertical
*	10460.5	38.0	12.6	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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT40	Test Channel	54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7664.0	34.2	7.9	42.1	74.0	-31.9	Peak	Horizontal
	8446.0	34.0	8.7	42.7	74.0	-31.3	Peak	Horizontal
*	9602.0	33.3	10.6	43.9	68.2	-24.3	Peak	Horizontal
*	10282.0	32.7	12.1	44.8	68.2	-23.4	Peak	Horizontal
	7502.5	33.1	8.0	41.1	74.0	-32.9	Peak	Vertical
	8352.5	30.6	8.6	39.2	74.0	-34.8	Peak	Vertical
*	8735.0	31.6	9.8	41.4	68.2	-26.8	Peak	Vertical
*	10537.0	38.0	12.8	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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT40	Test Channel	62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.5	8.2	40.7	74.0	-33.3	Peak	Horizontal
	8165.5	32.0	8.5	40.5	74.0	-33.5	Peak	Horizontal
*	8811.5	31.1	9.9	41.0	68.2	-27.2	Peak	Horizontal
*	9993.0	33.7	11.1	44.8	68.2	-23.4	Peak	Horizontal
	7494.0	32.5	8.2	40.7	74.0	-33.3	Peak	Vertical
	8242.0	33.3	8.5	41.8	74.0	-32.2	Peak	Vertical
*	8854.0	30.9	9.9	40.8	68.2	-27.4	Peak	Vertical
*	10214.0	32.4	12.0	44.4	68.2	-23.8	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT40	Test Channel	102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.8	8.1	41.9	74.0	-32.1	Peak	Horizontal
	8429.0	32.1	8.7	40.8	74.0	-33.2	Peak	Horizontal
*	8930.5	31.8	9.8	41.6	68.2	-26.6	Peak	Horizontal
*	9678.5	32.9	10.7	43.6	68.2	-24.6	Peak	Horizontal
	7468.5	32.2	8.2	40.4	74.0	-33.6	Peak	Vertical
	8352.5	32.5	8.6	41.1	74.0	-32.9	Peak	Vertical
*	8854.0	31.9	9.9	41.8	68.2	-26.4	Peak	Vertical
*	10171.5	32.1	11.6	43.7	68.2	-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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT40	Test Channel	110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	8310.0	32.1	8.4	40.5	74.0	-33.5	Peak	Horizontal
	11191.5	34.8	15.1	49.9	74.0	-24.1	Peak	Horizontal
*	12891.5	30.6	15.4	46.0	68.2	-22.2	Peak	Horizontal
*	13605.5	31.8	18.6	50.4	68.2	-17.8	Peak	Horizontal
	8242.0	33.4	8.5	41.9	74.0	-32.1	Peak	Vertical
	11183.0	36.7	15.2	51.9	74.0	-22.1	Peak	Vertical
*	12849.0	30.7	15.5	46.2	68.2	-22.0	Peak	Vertical
*	13486.5	30.5	19.2	49.7	68.2	-18.5	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT40	Test Channel	134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	34.6	8.3	42.9	74.0	-31.1	Peak	Horizontal
	8463.0	33.1	8.9	42.0	74.0	-32.0	Peak	Horizontal
*	8854.0	32.2	9.9	42.1	68.2	-26.1	Peak	Horizontal
*	10307.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
	7502.5	32.4	8.0	40.4	74.0	-33.6	Peak	Vertical
	8386.5	32.0	8.6	40.6	74.0	-33.4	Peak	Vertical
*	9593.5	33.9	10.5	44.4	68.2	-23.8	Peak	Vertical
*	10256.5	33.4	12.1	45.5	68.2	-22.7	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT40	Test Channel	151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	33.7	8.3	42.0	74.0	-32.0	Peak	Horizontal
	11497.5	33.9	15.6	49.5	74.0	-24.5	Peak	Horizontal
*	12806.5	32.7	16.1	48.8	68.2	-19.4	Peak	Horizontal
*	13571.5	31.1	19.5	50.6	68.2	-17.6	Peak	Horizontal
	7553.5	33.9	8.2	42.1	74.0	-31.9	Peak	Vertical
	11514.5	36.6	15.3	51.9	74.0	-22.1	Peak	Vertical
*	12781.0	30.9	15.6	46.5	68.2	-21.7	Peak	Vertical
*	13911.5	30.3	21.6	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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT40	Test Channel	159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8471.5	34.2	8.8	43.0	74.0	-31.0	Peak	Horizontal
	11582.5	37.2	16.4	53.6	74.0	-20.4	Peak	Horizontal
	11582.5	28.3	16.4	44.7	54.0	-9.3	Average	Horizontal
∗	13010.5	30.8	16.3	47.1	68.2	-21.1	Peak	Horizontal
∗	13486.5	30.7	19.2	49.9	68.2	-18.3	Peak	Horizontal
	8454.5	32.9	8.9	41.8	74.0	-32.2	Peak	Vertical
	11591.0	39.0	16.4	55.4	74.0	-18.6	Peak	Vertical
	11591.0	31.5	16.4	47.9	54.0	-6.1	Average	Vertical
∗	12891.5	30.8	15.4	46.2	68.2	-22.0	Peak	Vertical
∗	13665.0	30.6	18.5	49.1	68.2	-19.1	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT80	Test Channel	42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	33.7	8.2	41.9	74.0	-32.1	Peak	Horizontal
	8310.0	31.2	8.4	39.6	74.0	-34.4	Peak	Horizontal
*	9899.5	32.7	11.1	43.8	68.2	-24.4	Peak	Horizontal
*	10350.0	32.2	12.6	44.8	68.2	-23.4	Peak	Horizontal
	7468.5	34.0	8.2	42.2	74.0	-31.8	Peak	Vertical
	8463.0	32.4	8.9	41.3	74.0	-32.7	Peak	Vertical
*	9942.0	31.9	10.9	42.8	68.2	-25.4	Peak	Vertical
*	13070.0	31.1	16.5	47.6	68.2	-20.6	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT80	Test Channel	58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7468.5	33.5	8.2	41.7	74.0	-32.3	Peak	Horizontal
	8471.5	35.6	8.8	44.4	74.0	-29.6	Peak	Horizontal
*	9551.0	32.3	10.7	43.0	68.2	-25.2	Peak	Horizontal
*	10494.5	32.2	12.5	44.7	68.2	-23.5	Peak	Horizontal
	7570.5	32.1	8.2	40.3	74.0	-33.7	Peak	Vertical
	8352.5	30.8	8.6	39.4	74.0	-34.6	Peak	Vertical
*	9593.5	32.6	10.5	43.1	68.2	-25.1	Peak	Vertical
*	10511.5	32.7	12.7	45.4	68.2	-22.8	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT80	Test Channel	106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	34.3	8.3	42.6	74.0	-31.4	Peak	Horizontal
	8454.5	32.6	8.9	41.5	74.0	-32.5	Peak	Horizontal
*	9916.5	33.1	11.0	44.1	68.2	-24.1	Peak	Horizontal
*	10545.5	31.4	12.7	44.1	68.2	-24.1	Peak	Horizontal
	7366.5	32.7	8.1	40.8	74.0	-33.2	Peak	Vertical
	8429.0	32.2	8.7	40.9	74.0	-33.1	Peak	Vertical
*	9814.5	31.6	10.7	42.3	68.2	-25.9	Peak	Vertical
*	10307.5	30.9	12.4	43.3	68.2	-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	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT80	Test Channel	122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	33.9	8.2	42.1	74.0	-31.9	Peak	Horizontal
	8242.0	32.1	8.5	40.6	74.0	-33.4	Peak	Horizontal
*	9857.0	32.2	10.9	43.1	68.2	-25.1	Peak	Horizontal
*	10307.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
	7536.5	32.5	8.1	40.6	74.0	-33.4	Peak	Vertical
	8242.0	32.8	8.5	41.3	74.0	-32.7	Peak	Vertical
*	9636.0	32.7	10.5	43.2	68.2	-25.0	Peak	Vertical
*	10205.5	32.0	11.6	43.6	68.2	-24.6	Peak	Vertical

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

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

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

Product	AC750 Wi-Fi Range Extender	Test Engineer	Edgar Ma
Test Site	WZ-AC2	Test Date	2020/09/04
Test Mode	802.11ac-VHT80	Test Channel	155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

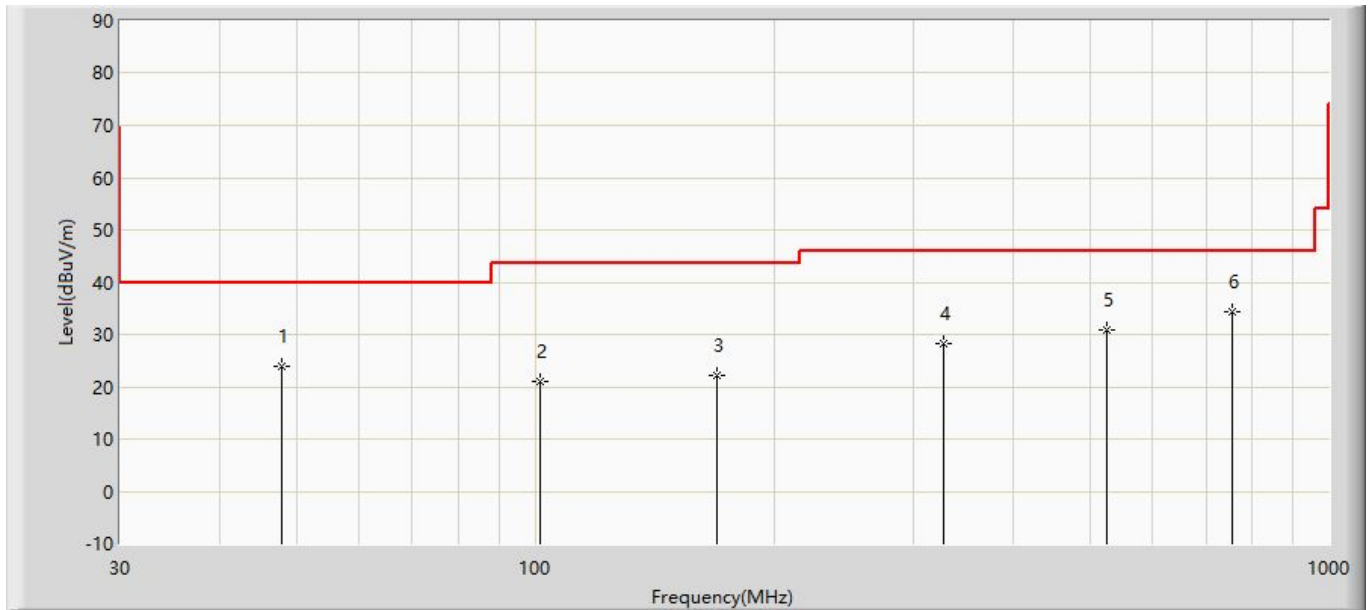| Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
	7672.5	33.2	8.2	41.4	74.0	-32.6	Peak	Horizontal
	8276.0	31.9	8.3	40.2	74.0	-33.8	Peak	Horizontal
*	9593.5	33.1	10.5	43.6	68.2	-24.6	Peak	Horizontal
*	10188.5	34.2	11.4	45.6	68.2	-22.6	Peak	Horizontal
	7570.5	32.5	8.2	40.7	74.0	-33.3	Peak	Vertical
	8463.0	33.4	8.9	42.3	74.0	-31.7	Peak	Vertical
*	9636.0	33.5	10.5	44.0	68.2	-24.2	Peak	Vertical
*	10035.5	33.4	10.9	44.3	68.2	-23.9	Peak	Vertical

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

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

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

The Rs Case of Radiated Emission below 1GHz:

Site: WZ-AC2	Time: 2020/11/05 - 19:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_VULB9162_0.03-7GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz	

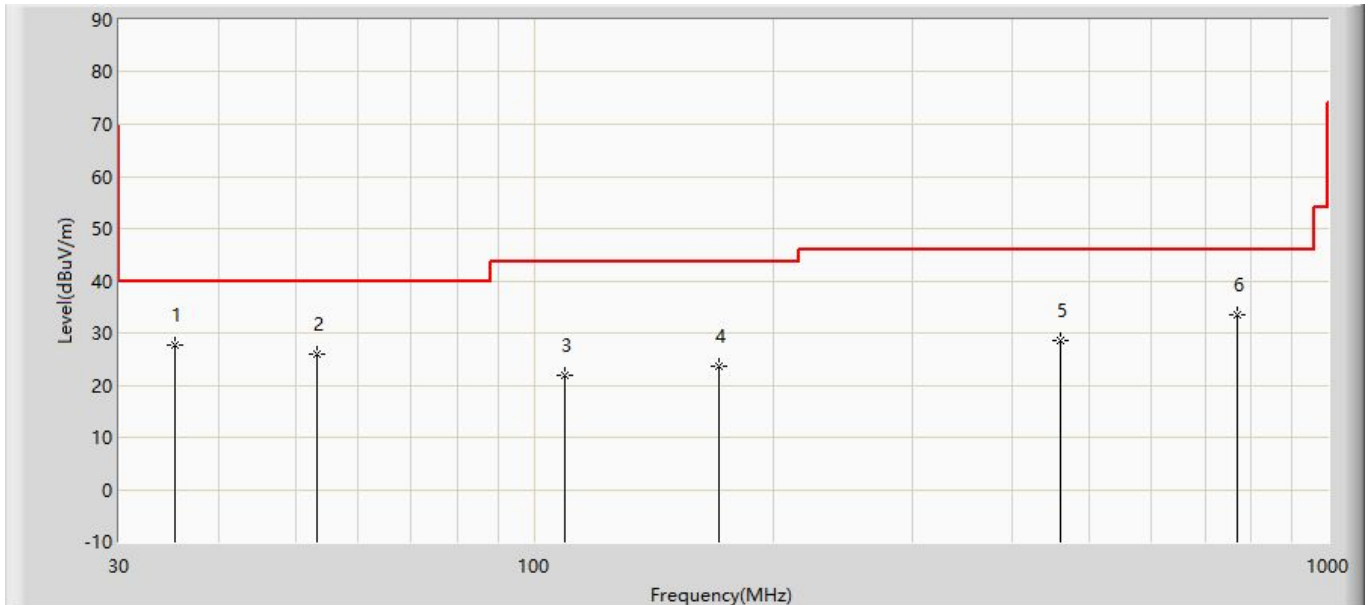| No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1			47.945	23.987	3.375	-16.013	40.000	20.612	PK
2			101.295	20.930	2.314	-22.570	43.500	18.616	PK
3			169.680	22.178	5.917	-21.322	43.500	16.260	PK
4			327.305	28.225	6.309	-17.775	46.000	21.916	PK
5			524.215	30.916	5.443	-15.084	46.000	25.473	PK
6		*	756.530	34.224	4.486	-11.776	46.000	29.738	PK

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is

that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: WZ-AC2	Time: 2020/11/05 - 19:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_VULB9162_0.03-7GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz

Test Mode: Transmit by 802.11a at channel 5180MHz

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor	Type
1		*	35.335	27.622	9.448	-12.378	40.000	18.174	PK
2			53.280	25.912	5.479	-14.088	40.000	20.433	PK
3			109.540	21.964	3.768	-21.536	43.500	18.196	PK
4			170.650	23.759	7.453	-19.741	43.500	16.306	PK
5			461.165	28.622	4.253	-17.378	46.000	24.369	PK
6			768.655	33.415	3.719	-12.585	46.000	29.696	PK

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is

that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

6.9. Radiated RestrictedBand Edge Measurement

6.9.1.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	156.52475-156.52525	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 5.25-5.35 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 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 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 within the frequency range

from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

Refer to KDB 789033 D02v02r01 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 -27 dBm/MHz (or -17 dBm/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 -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength (μV/m)	Measured Distance (m)
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

6.9.2.Test Procedure Used

KDB 789033 D02v02r01- Section G

6.9.3.Test Setting

Peak Measurements above 1GHz

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

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = Peak

5. Sweep time = Auto couple

6. Trace mode = Max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

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

2. RBW = 1MHz

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

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

5. Detector = Peak

6. Sweep time = Auto

7. Trace mode = Max hold

8. Trace was allowed to stabilize

6.9.4.Test Setup
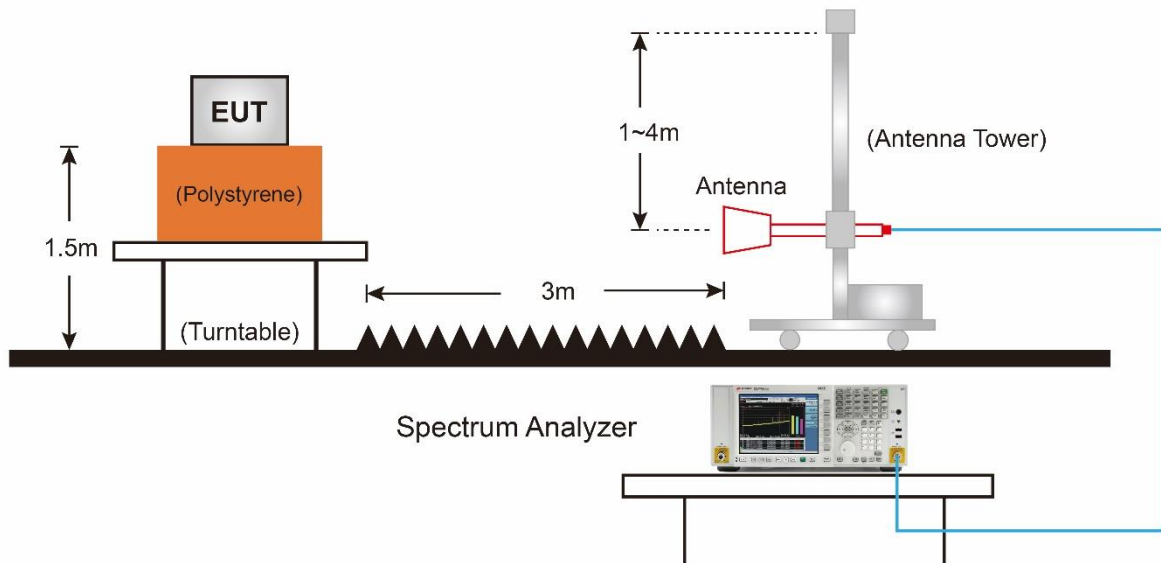
6.9.5.Test Result

Site: WZ-AC2	Time: 2020/08/31 - 14:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5180MHz	
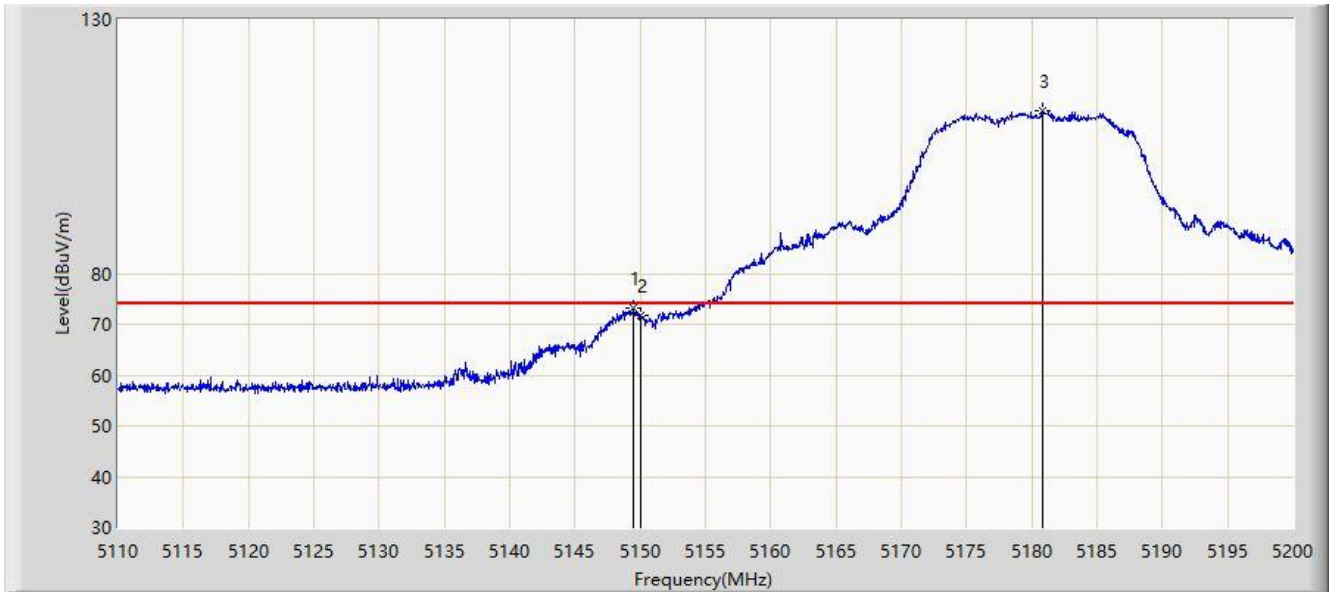
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.465	73.047	72.650	-0.953	74.000	0.397	PK
2			5150.000	71.811	71.409	-2.189	74.000	0.402	PK
3		*	5180.875	111.892	111.550	N/A	N/A	0.343	PK

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 14:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.924	52.522	-1.076	54.000	0.402	AV
2		*	5180.830	102.616	102.273	N/A	N/A	0.343	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: WZ-AC2	Time: 2020/08/31 - 14:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5180MHz	
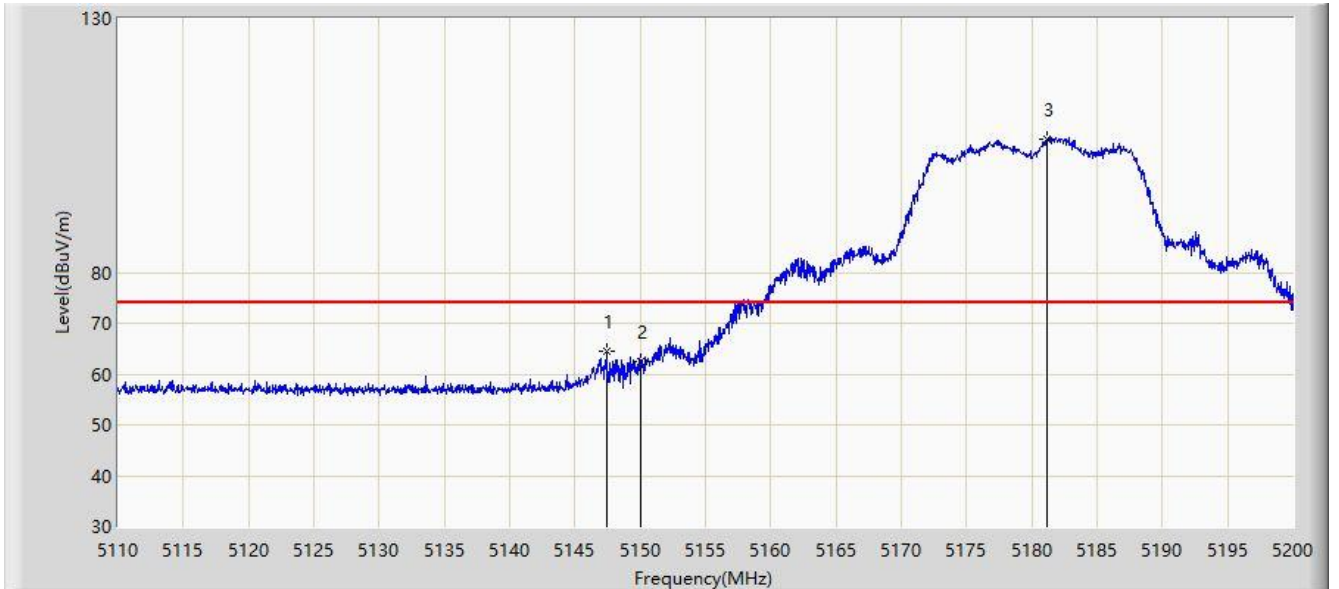
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.440	64.611	64.230	-9.389	74.000	0.381	PK
2			5150.000	62.532	62.130	-11.468	74.000	0.402	PK
3		*	5181.145	106.327	105.988	N/A	N/A	0.340	PK

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 14:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.216	46.814	-6.784	54.000	0.402	AV
2		*	5181.865	96.673	96.342	N/A	N/A	0.331	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: WZ-AC2	Time: 2020/08/31 - 14:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5240MHz	
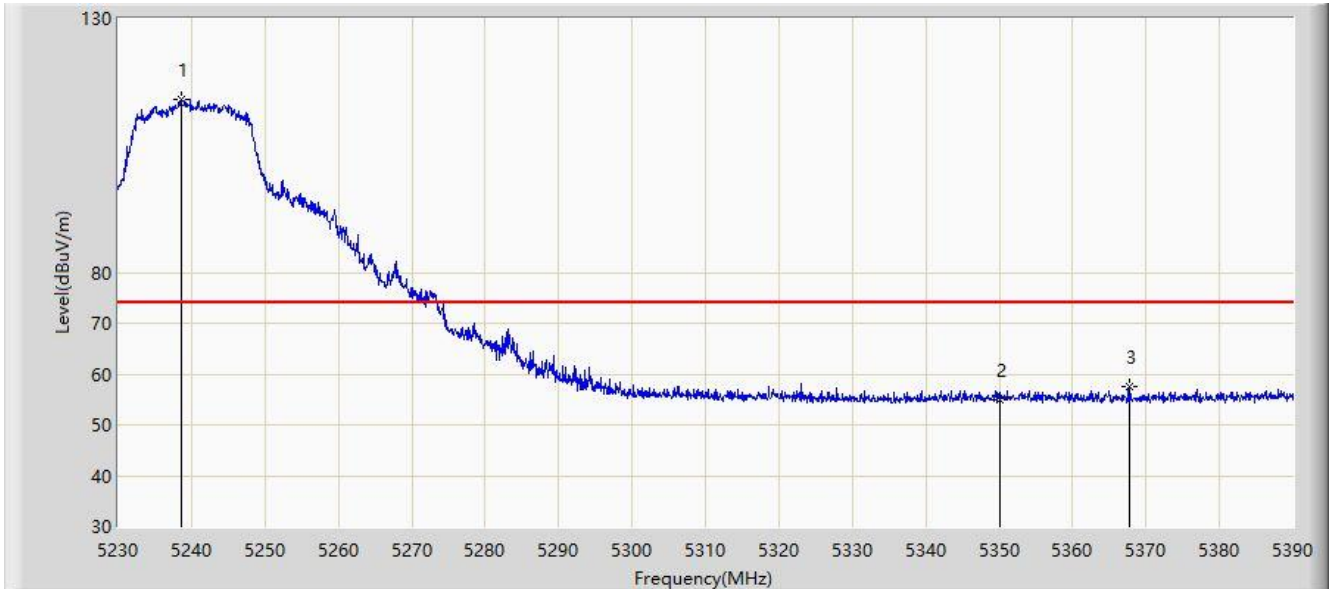
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5238.560	113.984	114.064	N/A	N/A	-0.080	PK
2			5350.000	54.936	54.855	-19.064	74.000	0.081	PK
3			5367.840	57.440	57.406	-16.560	74.000	0.033	PK

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 14:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5240MHz	
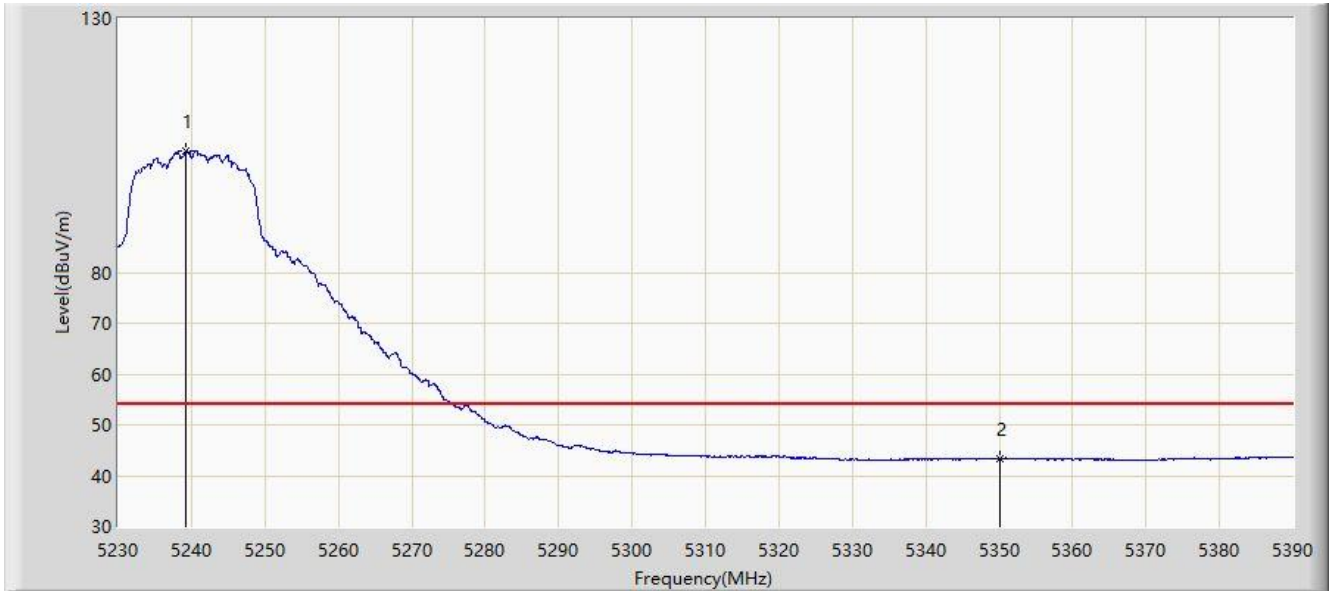
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5239.200	103.810	103.875	N/A	N/A	-0.065	AV
2			5350.000	43.257	43.176	-10.743	54.000	0.081	AV

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 14:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5240MHz	
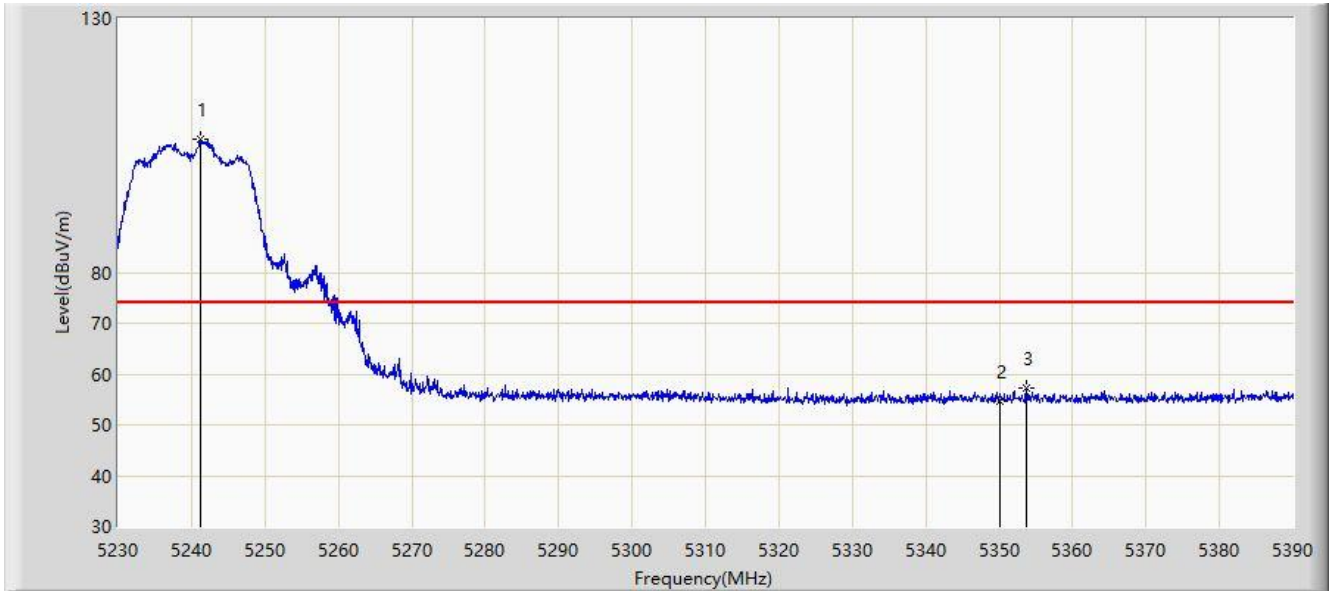
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5241.280	106.304	106.321	N/A	N/A	-0.017	PK
2			5350.000	54.588	54.507	-19.412	74.000	0.081	PK
3			5353.760	57.193	57.104	-16.807	74.000	0.089	PK

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 14:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5240MHz	
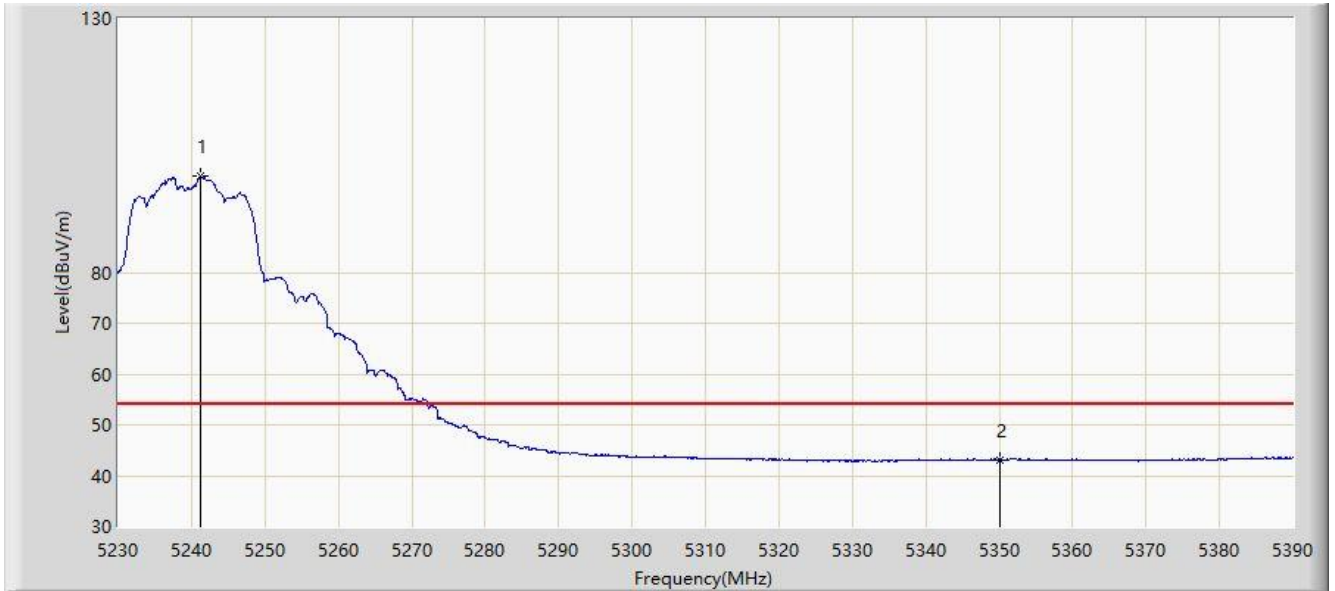
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5241.200	98.963	98.981	N/A	N/A	-0.019	AV
2			5350.000	43.126	43.045	-10.874	54.000	0.081	AV

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 14:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5320MHz	
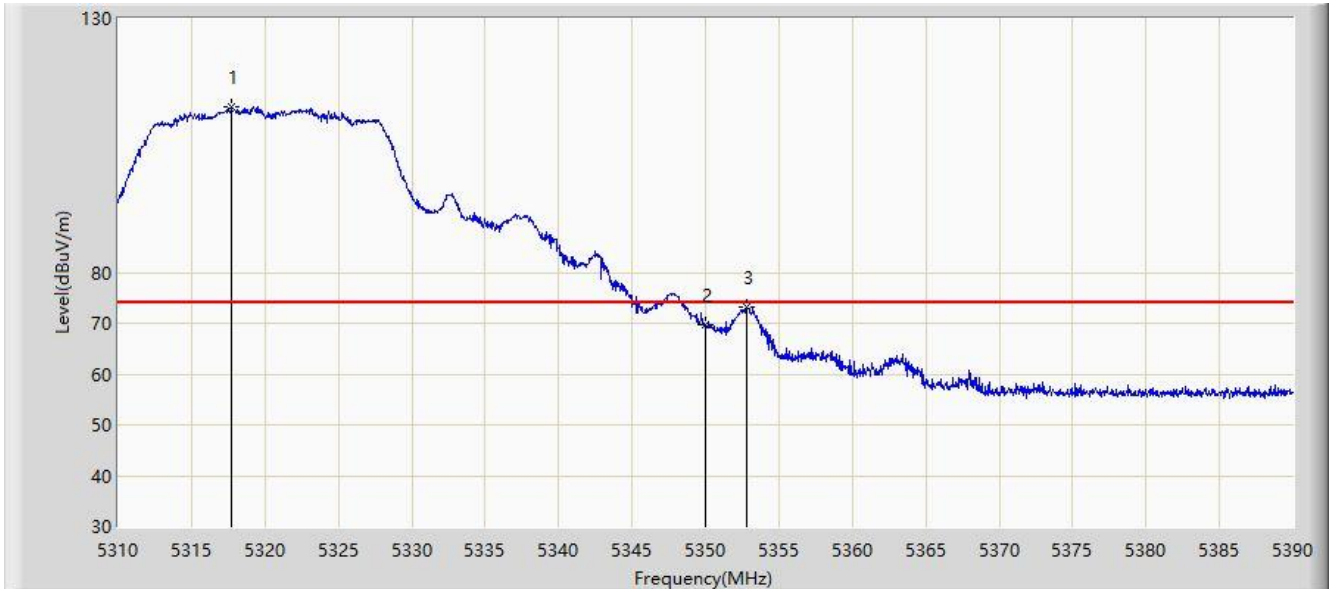
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.720	112.530	112.586	N/A	N/A	-0.056	PK
2			5350.000	69.738	69.657	-4.262	74.000	0.081	PK
3			5352.840	73.158	73.066	-0.842	74.000	0.092	PK

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

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

|	
Site: WZ-AC2	Time: 2020/08/31 - 14:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5320MHz	
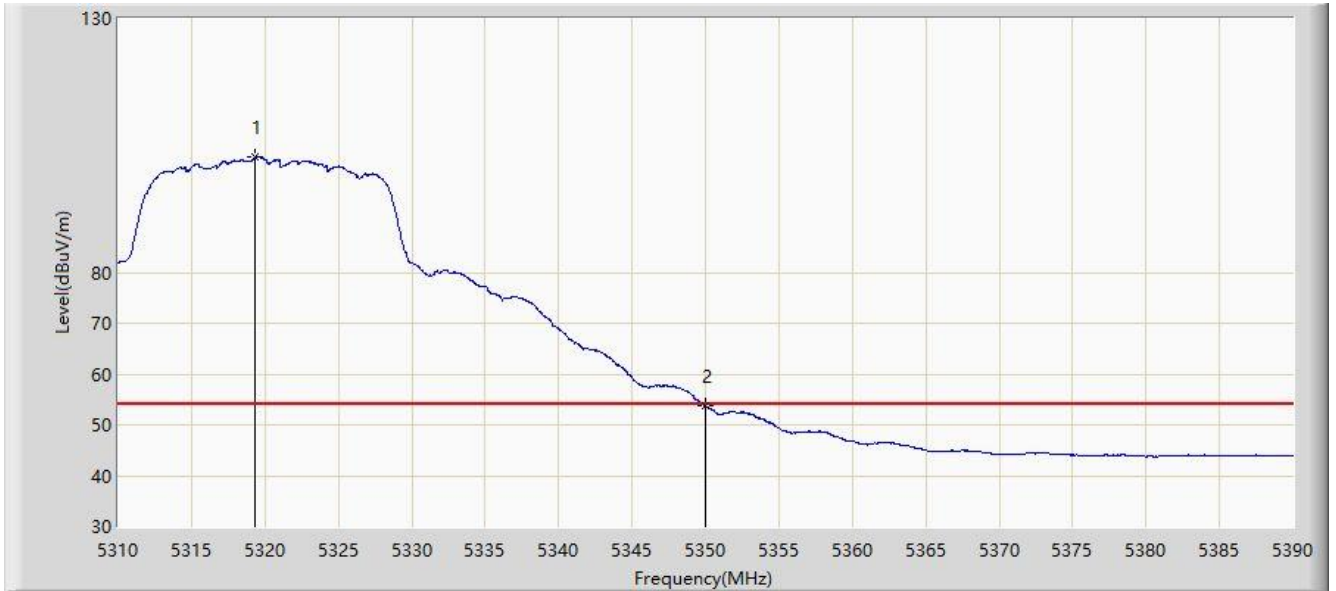
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5319.360	102.630	102.717	N/A	N/A	-0.088	AV
2			5350.000	53.725	53.644	-0.275	54.000	0.081	AV

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

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

Site: WZ-AC2	Time: 2020/08/31 - 14:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5320MHz	
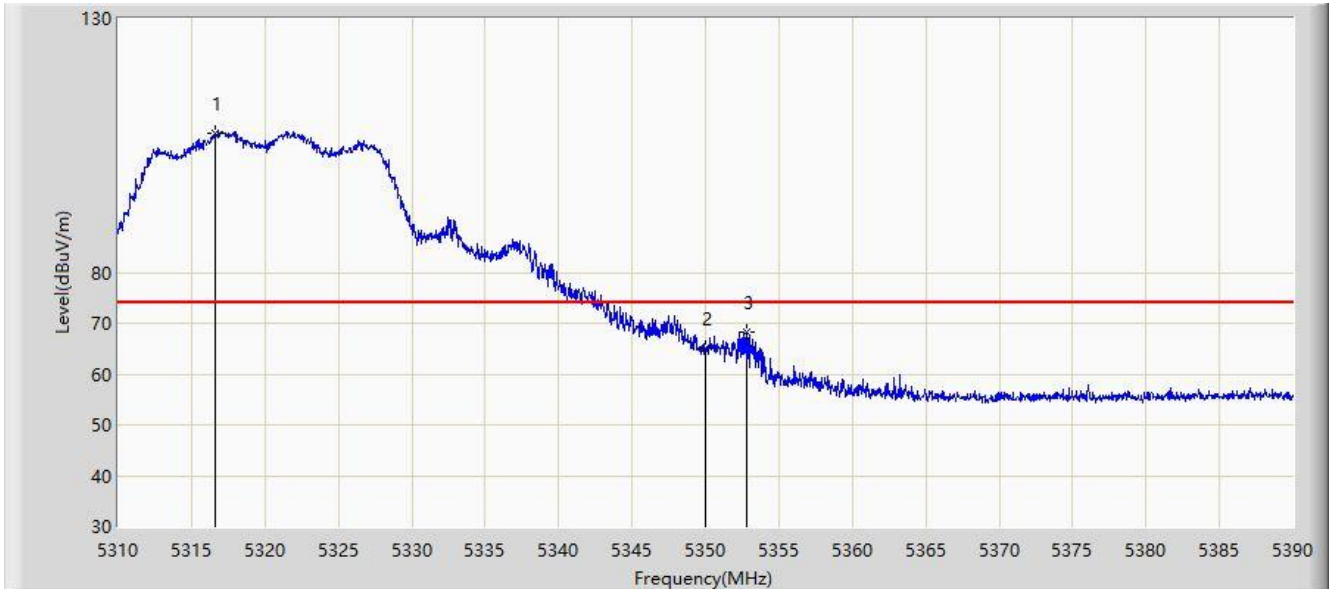
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.640	107.506	107.532	N/A	N/A	-0.027	PK
2			5350.000	64.937	64.856	-9.063	74.000	0.081	PK
3			5352.800	68.277	68.185	-5.723	74.000	0.092	PK

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 14:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5320MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.960	97.561	97.596	N/A	N/A	-0.035	AV
2			5350.000	50.799	50.718	-3.201	54.000	0.081	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: WZ-AC2	Time: 2020/08/31 - 14:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5500MHz	
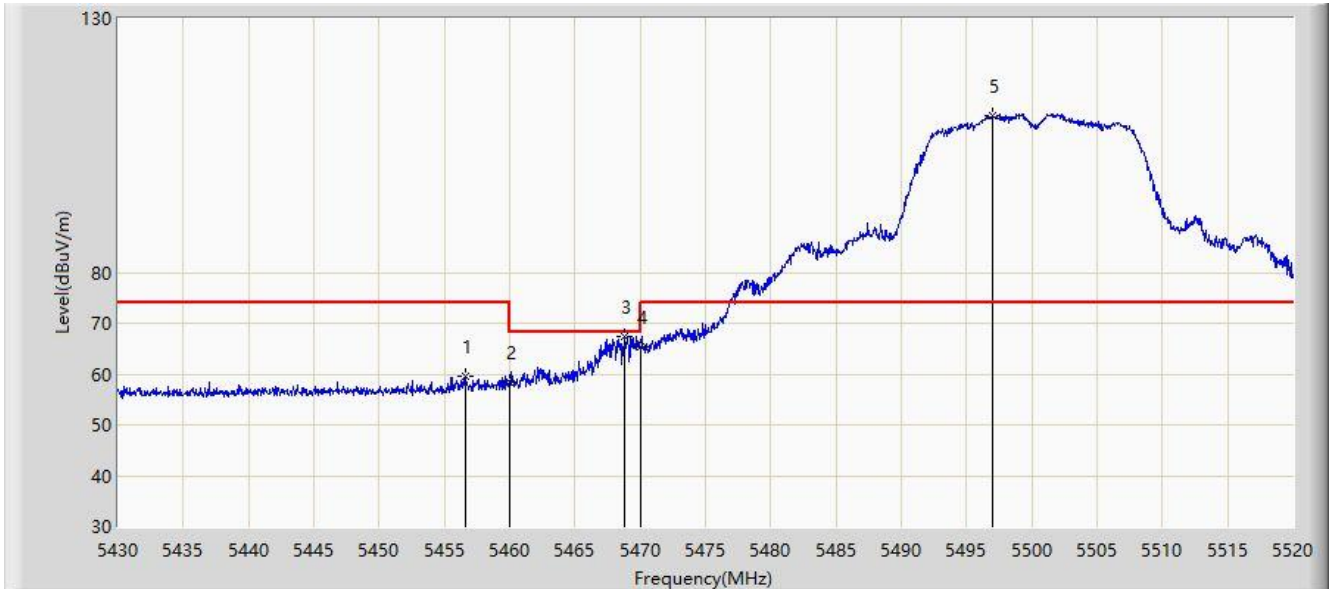
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.595	59.430	59.144	-14.570	74.000	0.286	PK
2			5460.000	58.477	58.198	-15.523	74.000	0.279	PK
3			5468.835	67.457	67.197	-0.743	68.200	0.260	PK
4			5470.000	65.480	65.223	-2.720	68.200	0.257	PK
5		*	5497.005	110.931	110.669	N/A	N/A	0.261	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: WZ-AC2	Time: 2020/08/31 - 14:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5500MHz	
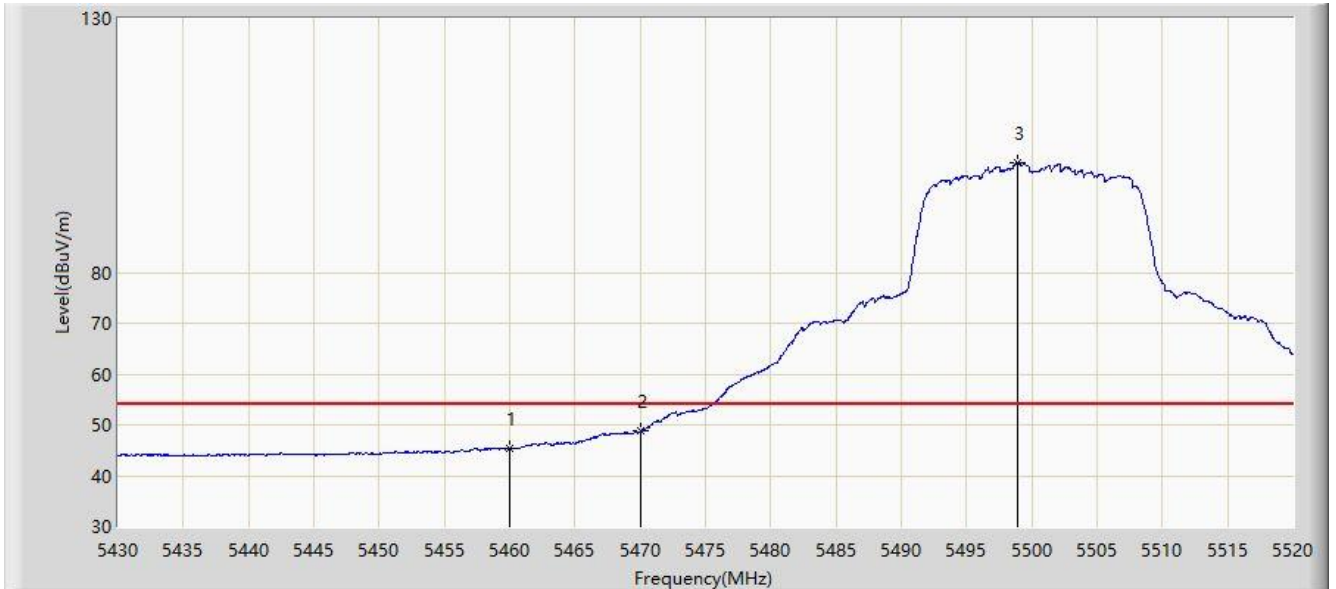
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.360	45.081	-8.640	54.000	0.279	AV
2			5470.000	48.727	48.470	-5.273	54.000	0.257	AV
3		*	5498.940	101.659	101.402	N/A	N/A	0.257	AV

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 14:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5500MHz	
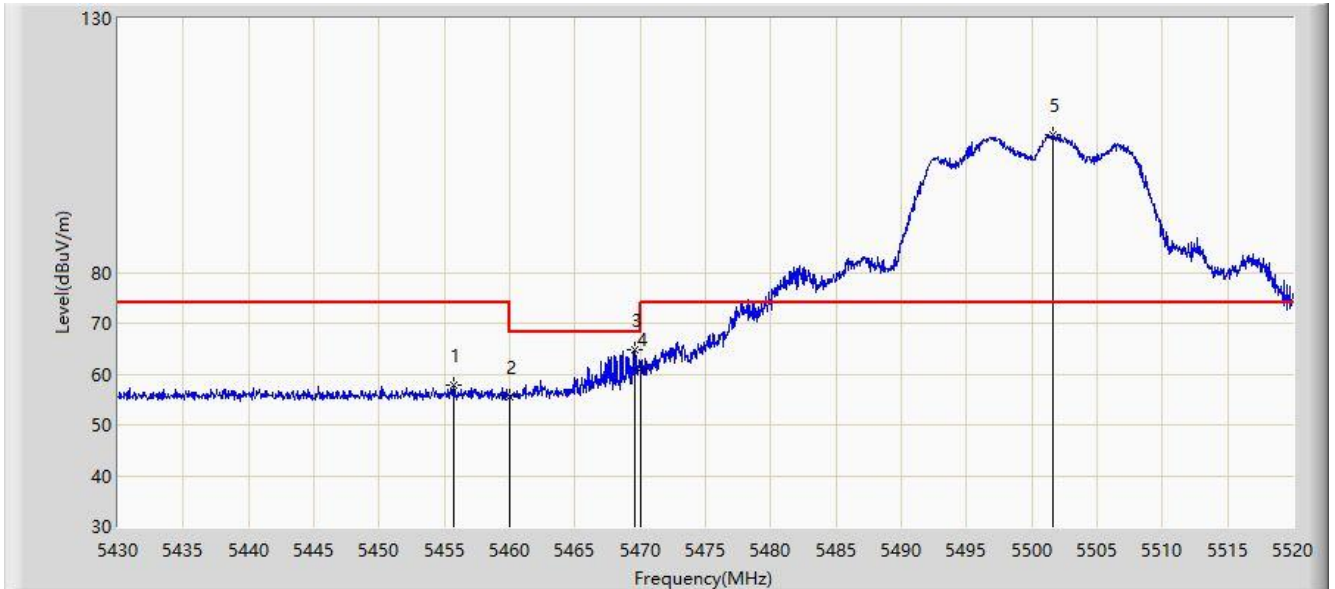
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5455.695	57.726	57.438	-16.274	74.000	0.289	PK
2			5460.000	55.375	55.096	-18.625	74.000	0.279	PK
3			5469.600	64.650	64.392	-3.550	68.200	0.258	PK
4			5470.000	60.983	60.726	-7.217	68.200	0.257	PK
5		*	5501.640	107.047	106.797	N/A	N/A	0.250	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: WZ-AC2	Time: 2020/08/31 - 14:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5500MHz	
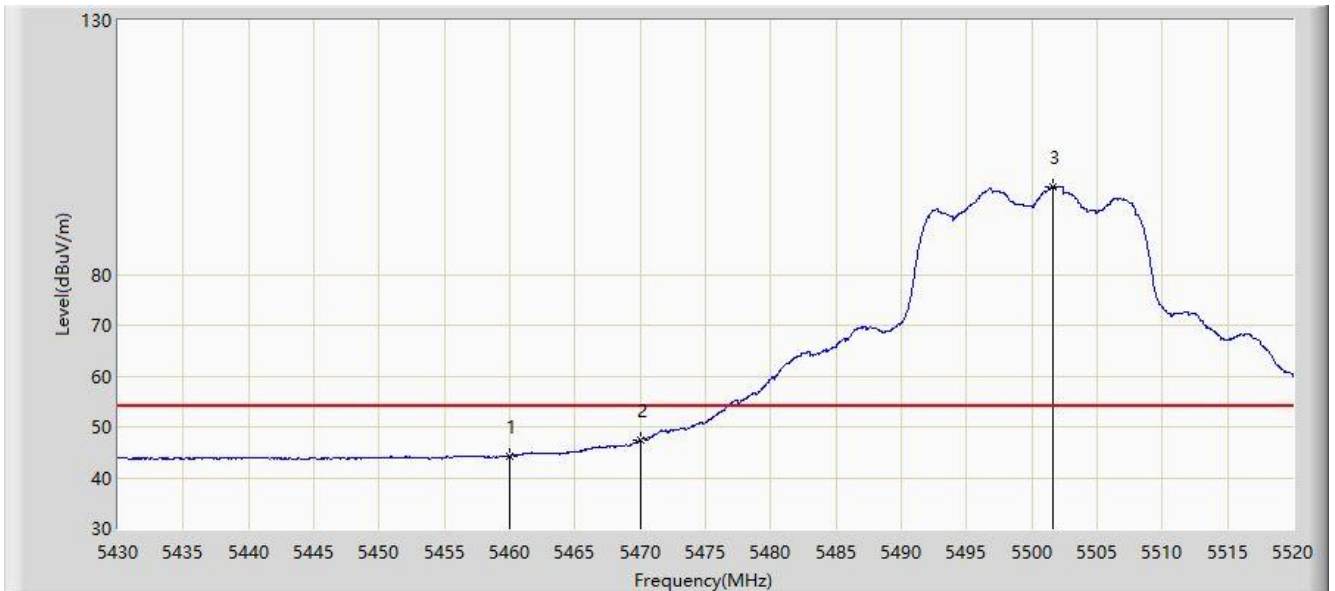
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	44.224	43.945	-9.776	54.000	0.279	AV
2			5470.000	47.385	47.128	-6.615	54.000	0.257	AV
3		*	5501.595	97.323	97.073	N/A	N/A	0.249	AV

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 15:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5700MHz	
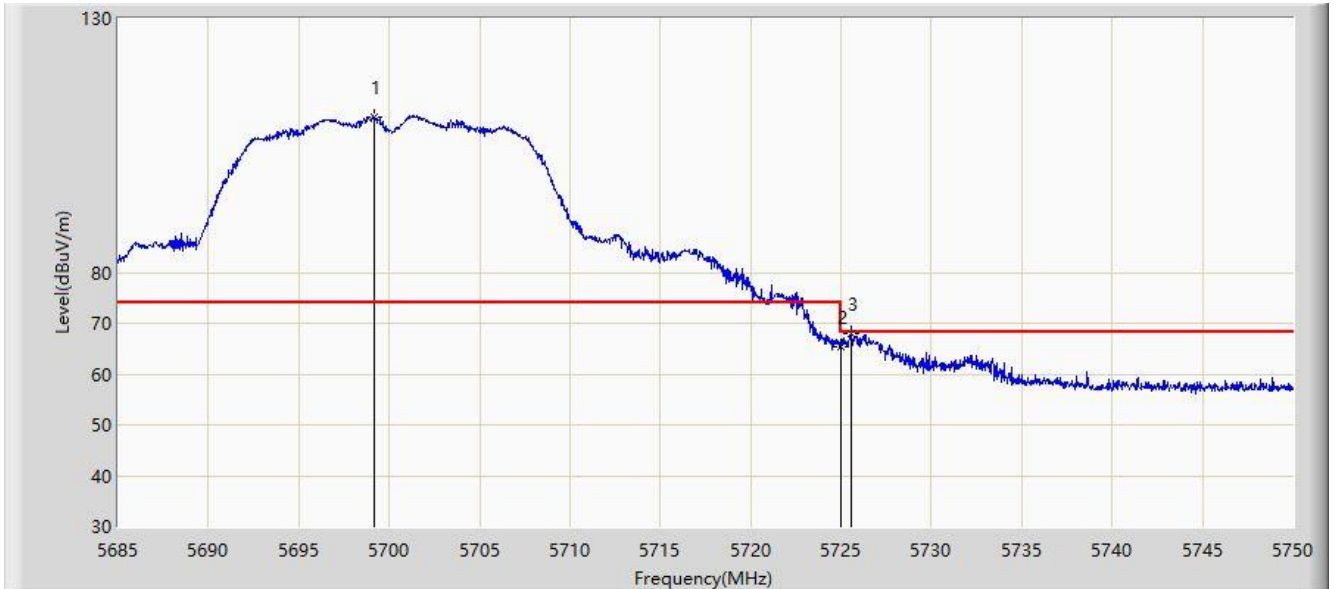
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5699.138	110.653	109.414	N/A	N/A	1.239	PK
2			5725.000	65.432	63.999	-2.768	68.200	1.433	PK
3			5725.560	68.001	66.575	-0.199	68.200	1.426	PK

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 15:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5700MHz	
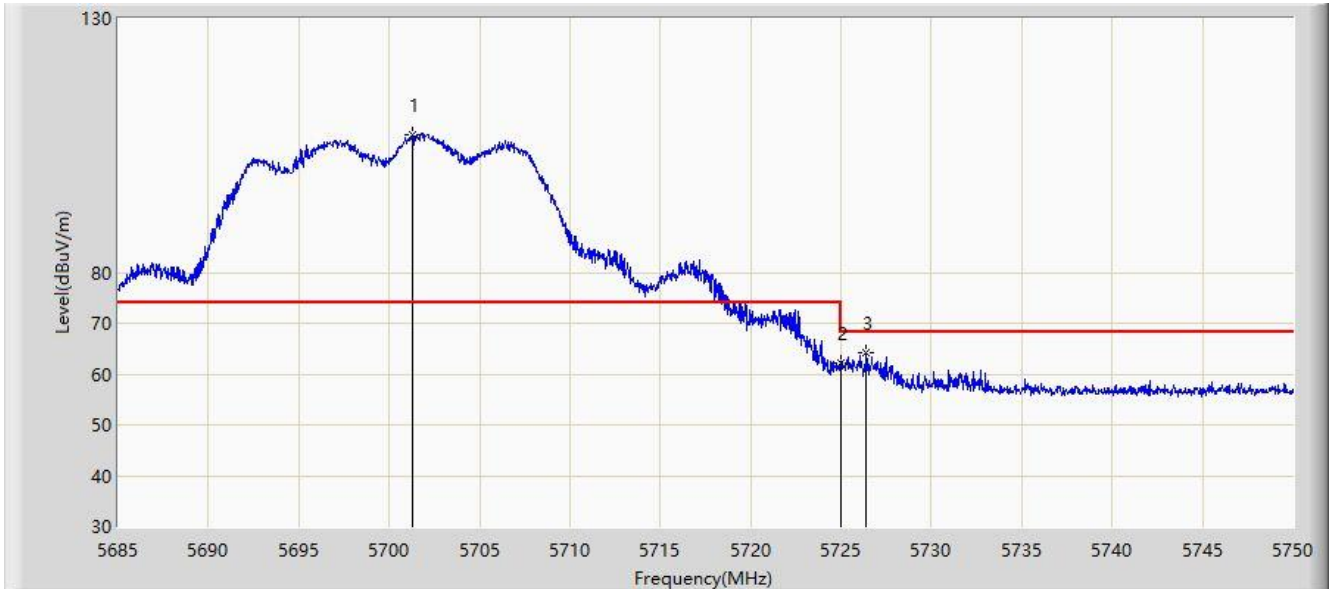
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.250	107.244	105.944	N/A	N/A	1.300	PK
2			5725.000	62.286	60.853	-5.914	68.200	1.433	PK
3			5726.373	64.177	62.757	-4.023	68.200	1.419	PK

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 15:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5745MHz	
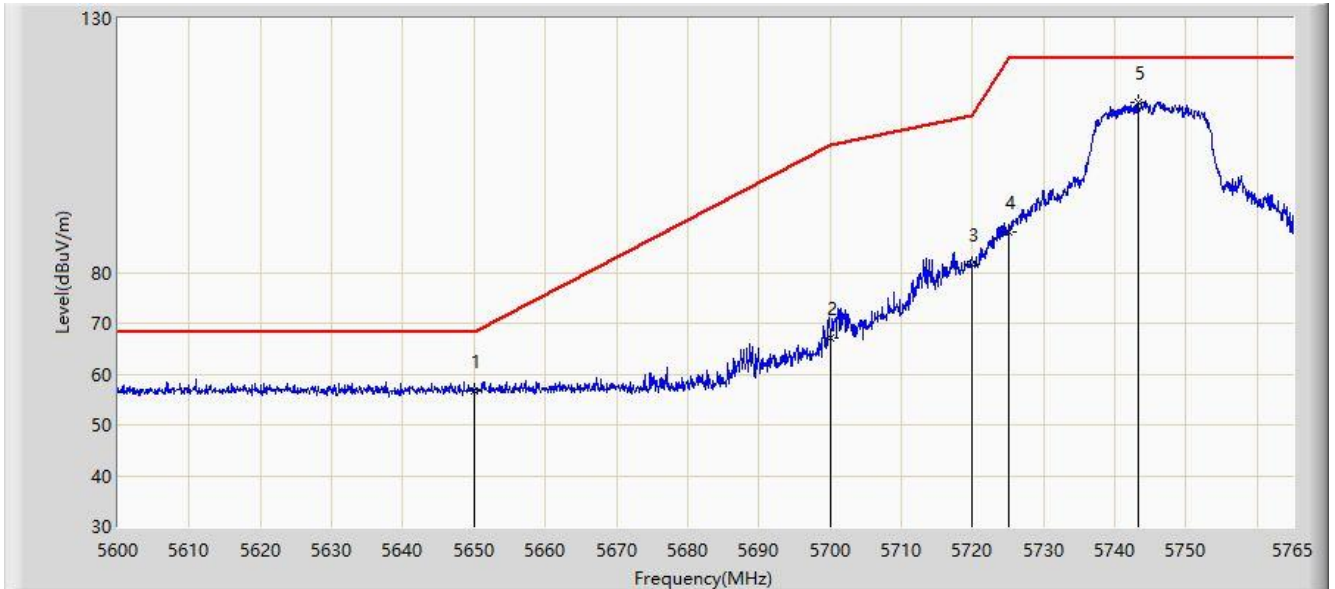
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	56.802	55.429	-11.398	68.200	1.373	PK
2			5700.000	66.993	65.729	-38.207	105.200	1.264	PK
3			5720.000	81.688	80.226	-29.112	110.800	1.462	PK
4			5725.000	87.894	86.461	-34.306	122.200	1.433	PK
5		*	5743.220	113.517	112.134	N/A	N/A	1.383	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: WZ-AC2	Time: 2020/08/31 - 15:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5745MHz	
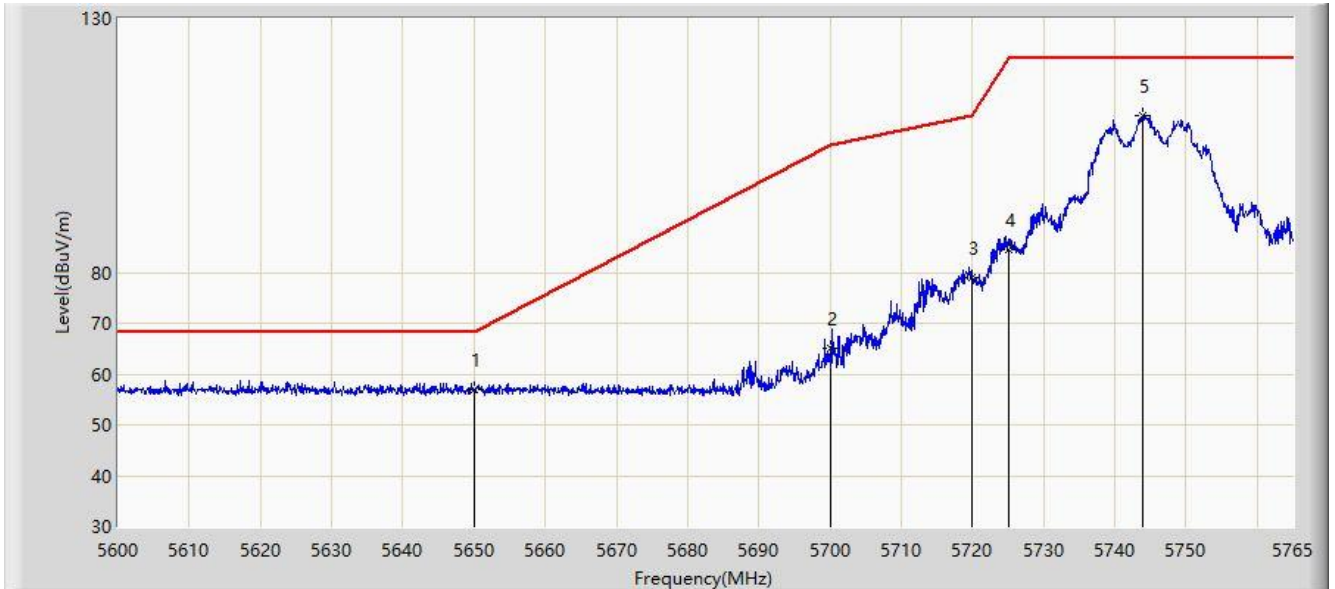
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5650.000	56.913	55.540	-11.287	68.200	1.373	PK
2			5700.000	65.093	63.829	-40.107	105.200	1.264	PK
3			5720.000	78.869	77.407	-31.931	110.800	1.462	PK
4			5725.000	84.584	83.151	-37.616	122.200	1.433	PK
5			5743.880	110.729	109.331	N/A	N/A	1.398	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: WZ-AC2	Time: 2020/08/31 - 15:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5825MHz	
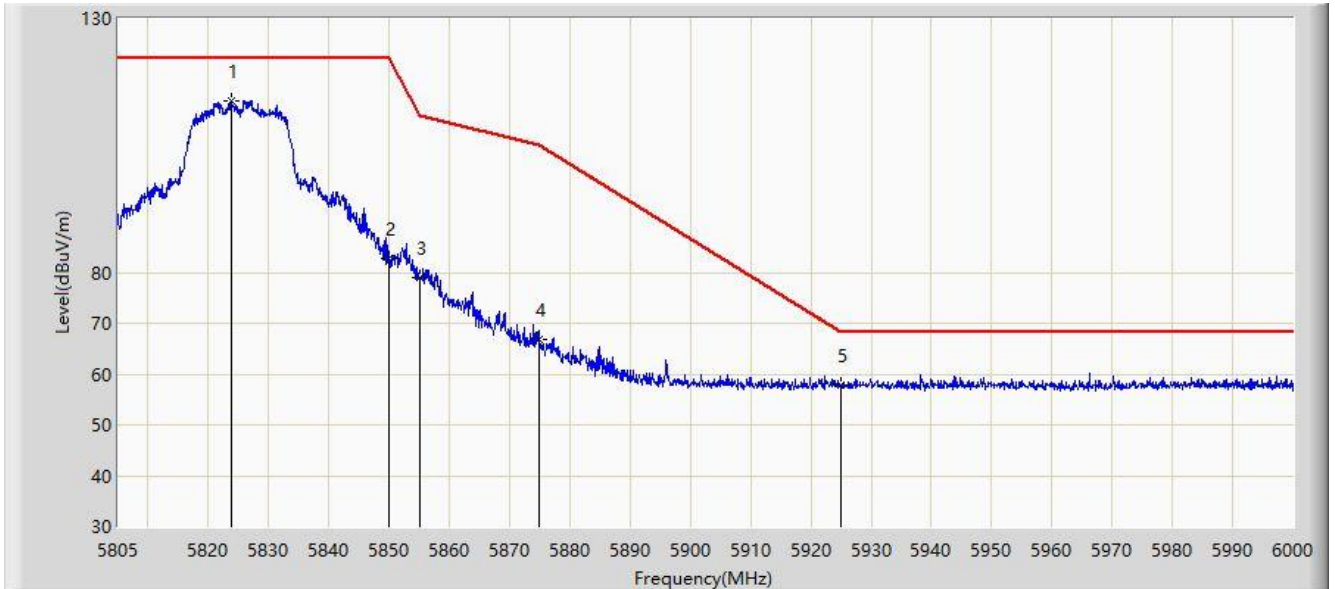
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.720	113.798	112.209	N/A	N/A	1.589	PK
2			5850.000	82.650	80.857	-39.550	122.200	1.792	PK
3			5855.000	78.851	77.049	-31.949	110.800	1.802	PK
4			5875.000	66.801	64.930	-38.399	105.200	1.872	PK
5			5925.000	57.695	55.626	-10.505	68.200	2.069	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: WZ-AC2	Time: 2020/08/31 - 15:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11a at Channel 5825MHz	
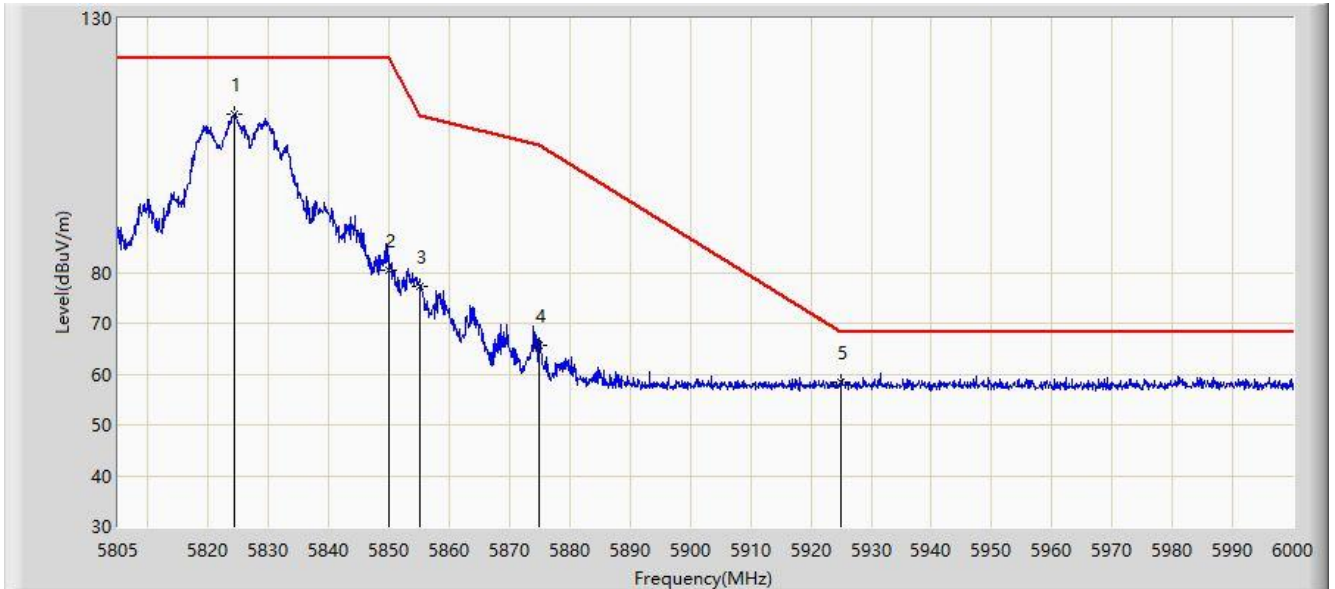
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5824.208	111.281	109.696	N/A	N/A	1.585	PK
2			5850.000	80.381	78.588	-41.819	122.200	1.792	PK
3			5855.000	77.327	75.525	-33.473	110.800	1.802	PK
4			5875.000	65.603	63.732	-39.597	105.200	1.872	PK
5		*	5925.000	58.283	56.214	-9.917	68.200	2.069	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: WZ-AC2	Time: 2020/08/31 - 16:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at Channel 5180MHz	
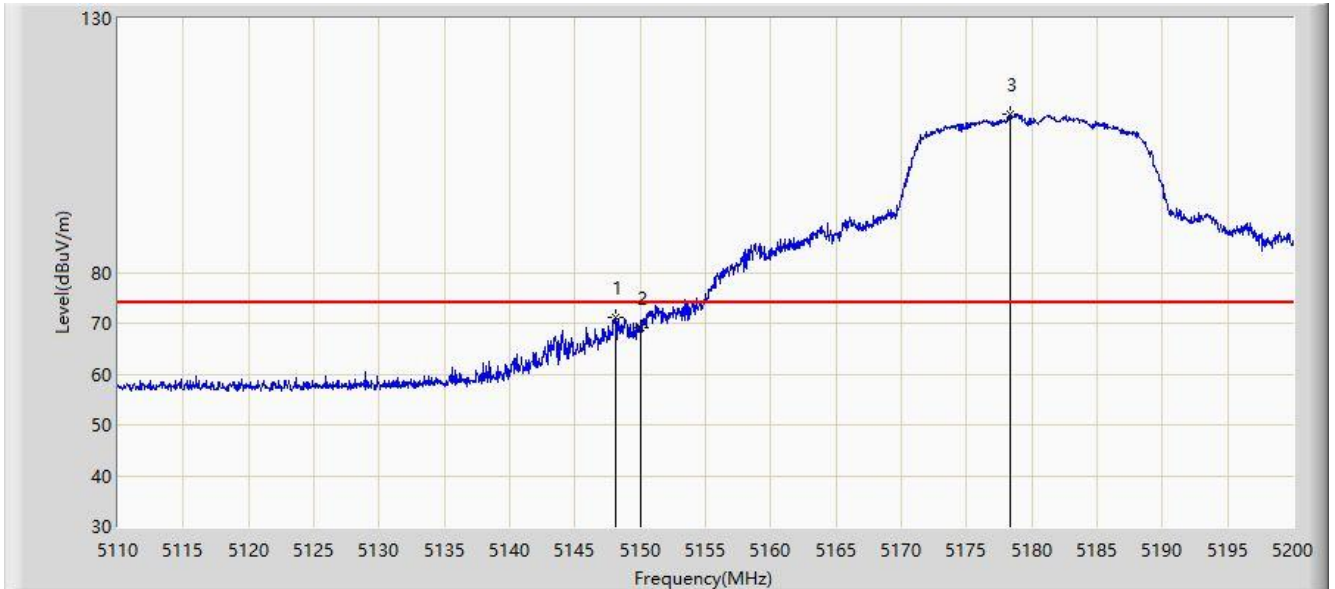
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.070	71.093	70.707	-2.907	74.000	0.386	PK
2			5150.000	69.159	68.757	-4.841	74.000	0.402	PK
3		*	5178.310	111.077	110.706	N/A	N/A	0.371	PK

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 16:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at Channel 5180MHz	
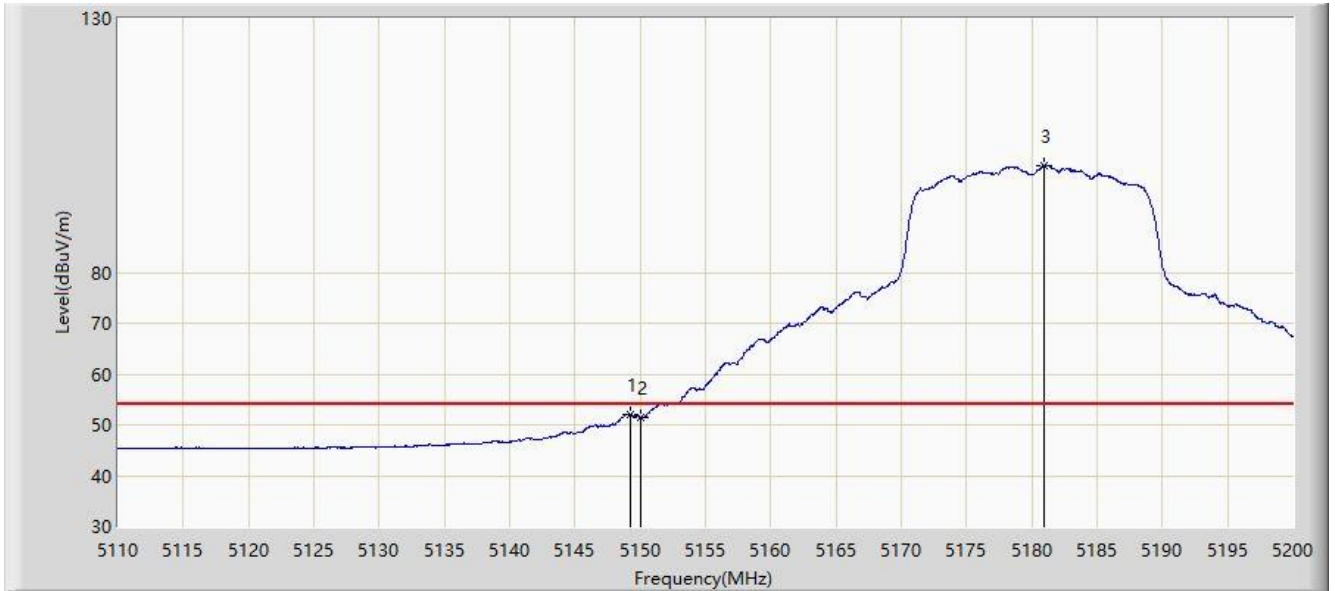
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.285	52.139	51.743	-1.861	54.000	0.396	AV
2			5150.000	51.507	51.105	-2.493	54.000	0.402	AV
3		*	5180.965	100.973	100.632	N/A	N/A	0.342	AV

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

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

Site: WZ-AC2	Time: 2020/08/31 - 17:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at Channel 5180MHz	
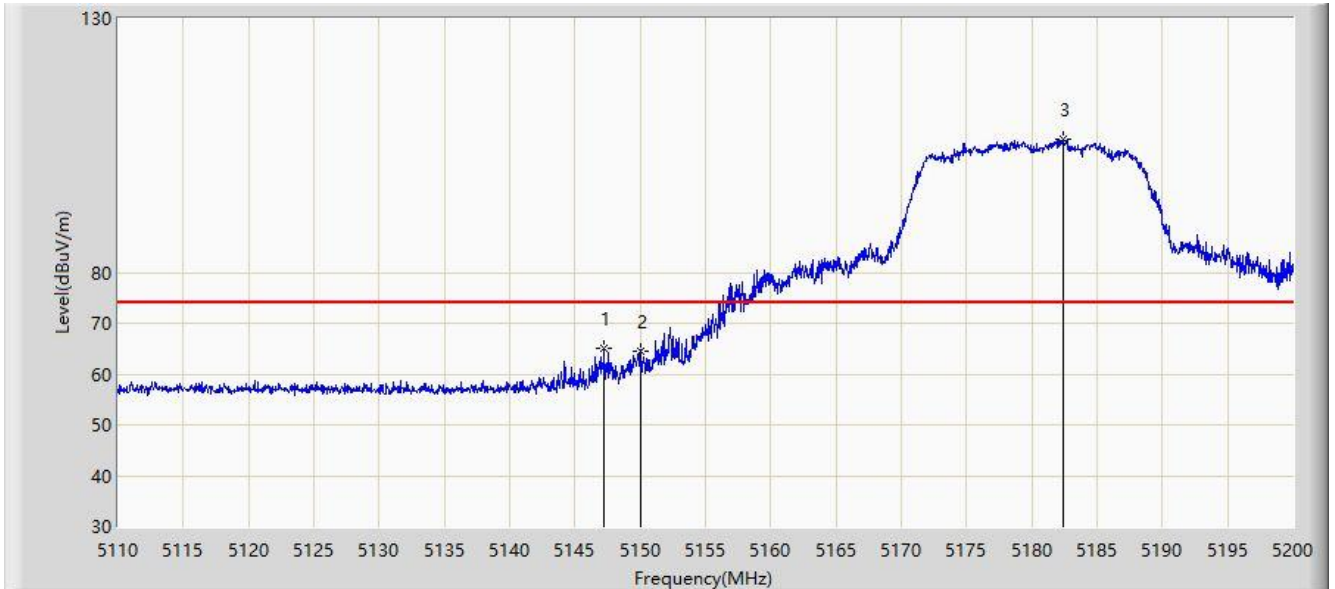
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.215	65.035	64.656	-8.965	74.000	0.379	PK
2			5150.000	64.528	64.126	-9.472	74.000	0.402	PK
3		*	5182.360	106.246	105.919	N/A	N/A	0.327	PK

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

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

| Site: WZ-AC2	Time: 2020/08/31 - 17:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.141	47.739	-5.859	54.000	0.402	AV
2		*	5179.705	96.322	95.966	N/A	N/A	0.355	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: WZ-AC2	Time: 2020/08/31 - 17:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: AC750 Wi-Fi Range Extender	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at Channel 5240MHz	
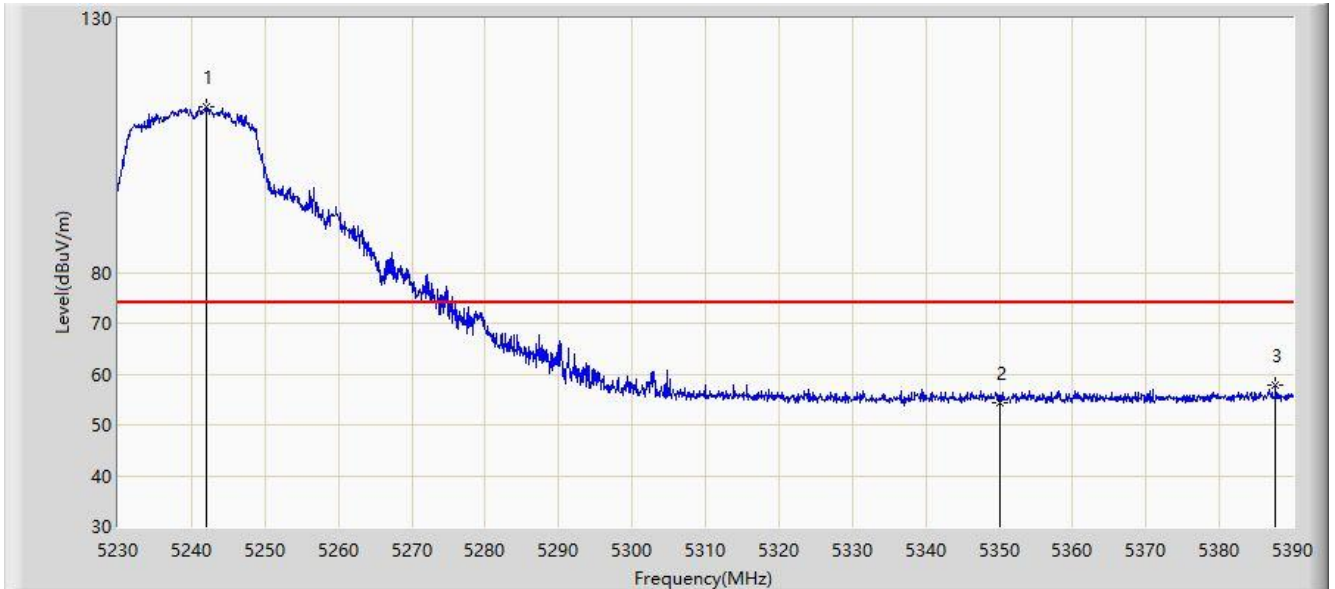
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5242.000	112.672	112.672	N/A	N/A	0.000	PK
2			5350.000	54.433	54.352	-19.567	74.000	0.081	PK
3			5387.680	57.842	57.387	-16.158	74.000	0.455	PK

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

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