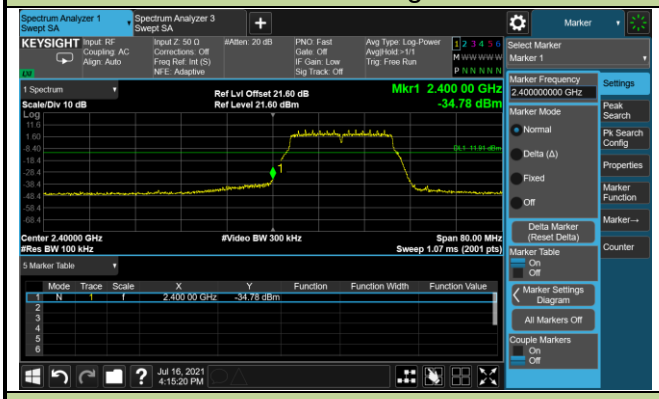
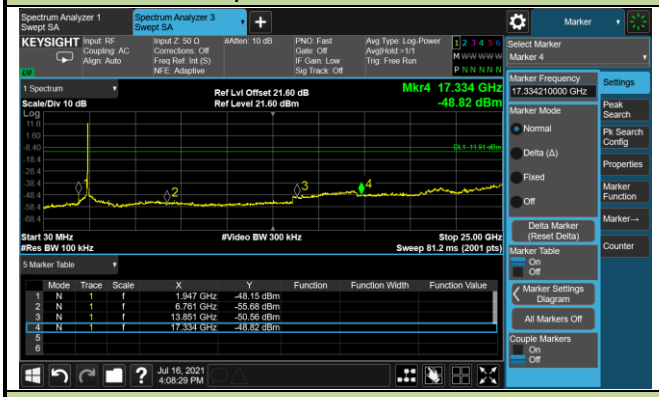
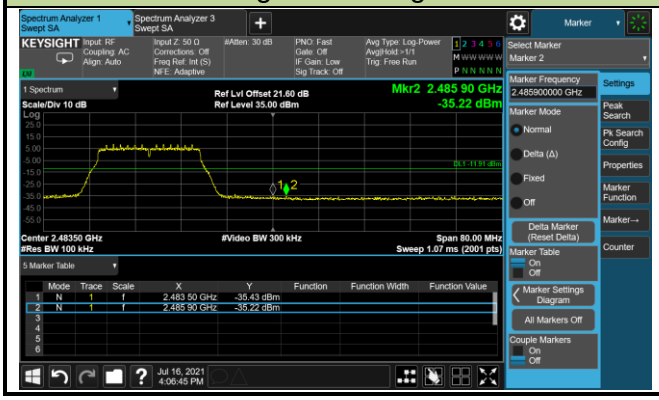
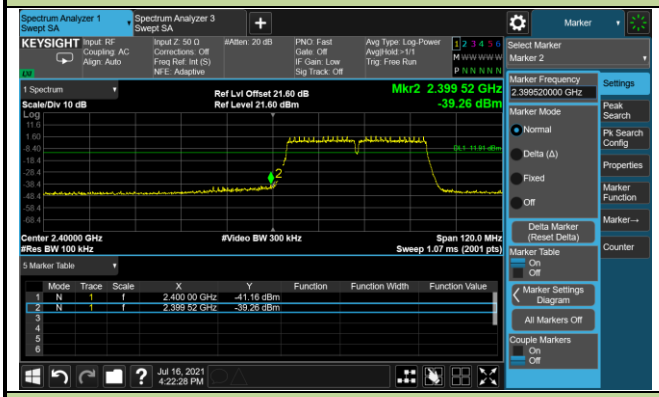
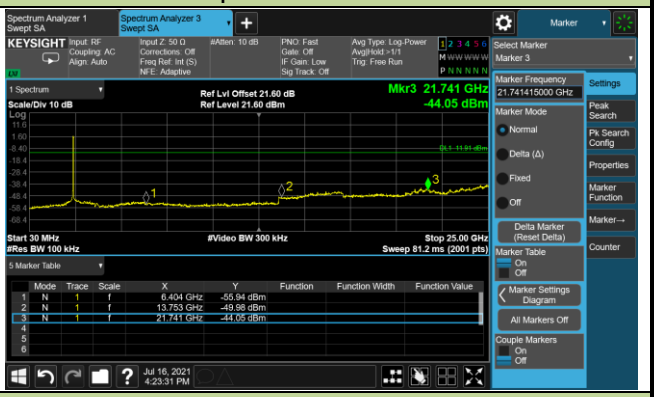
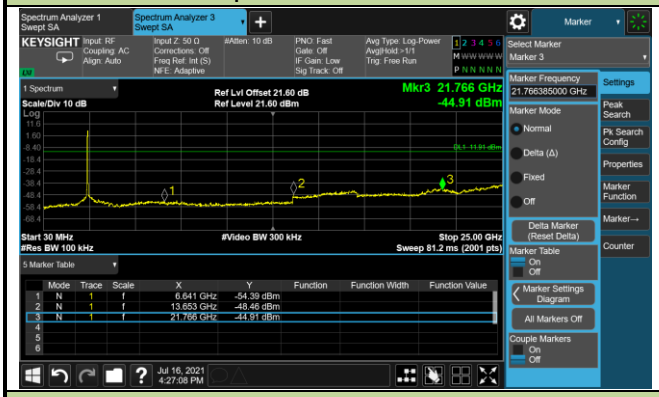
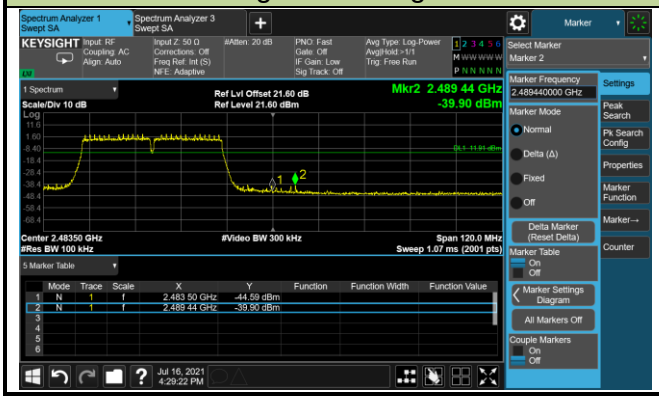
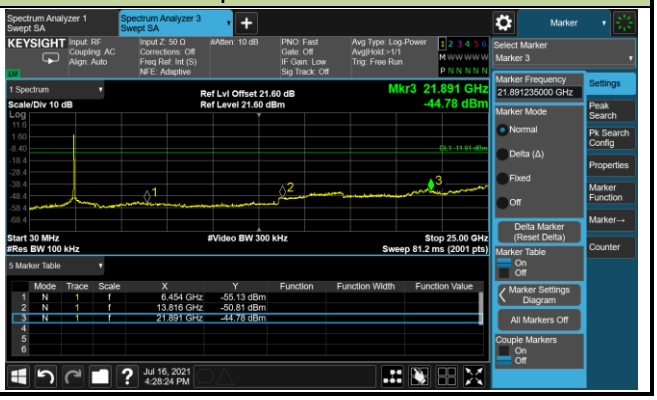
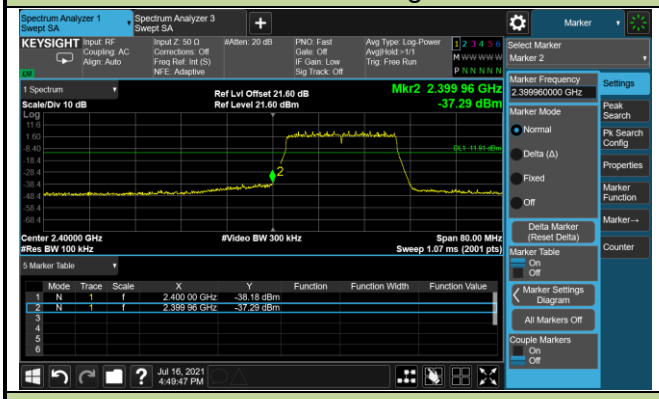
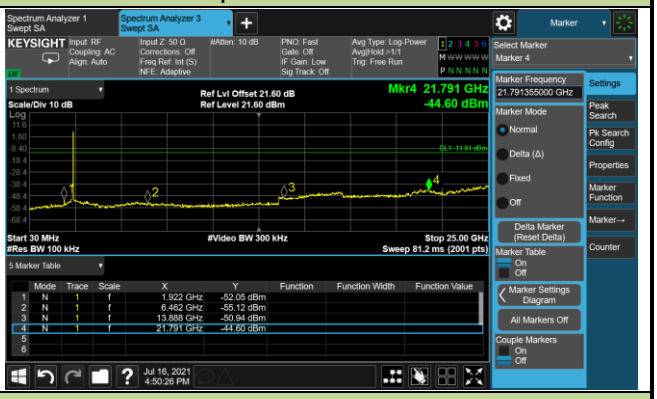
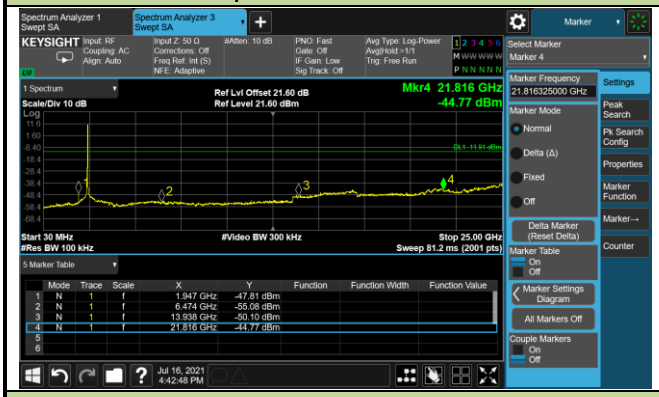
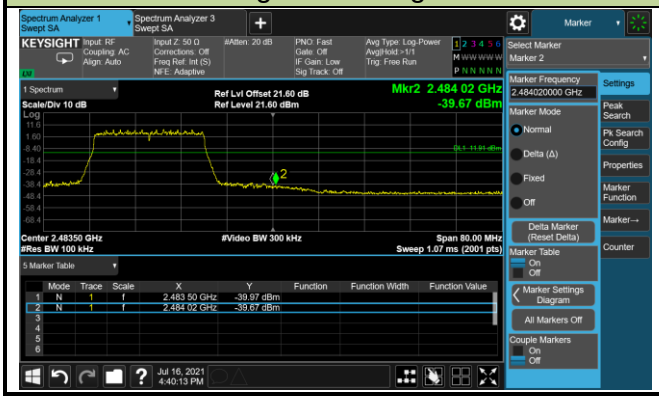
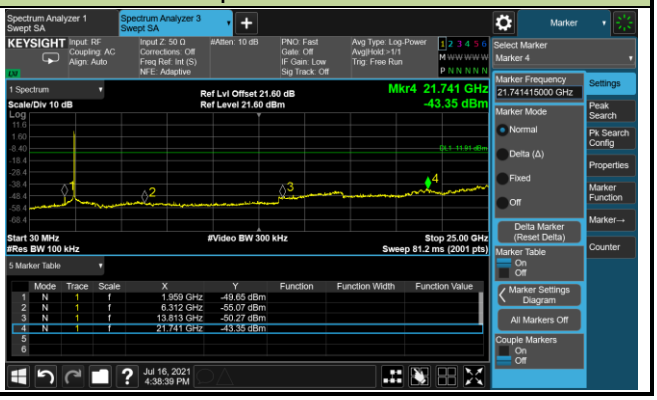
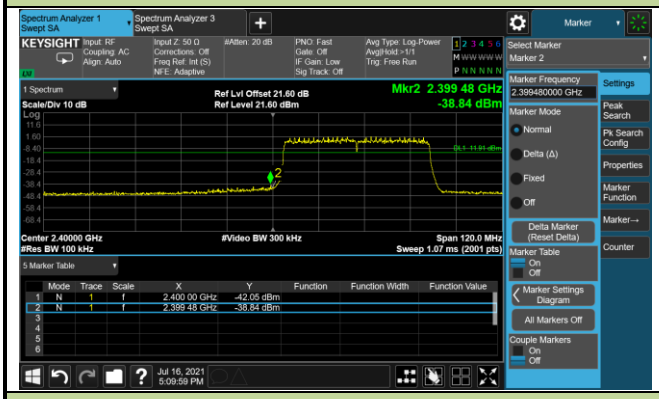
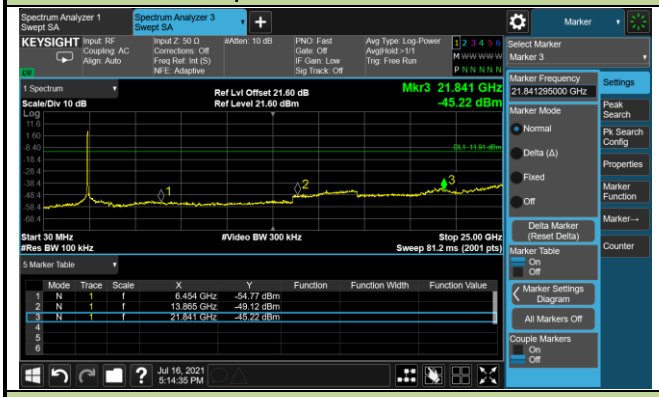
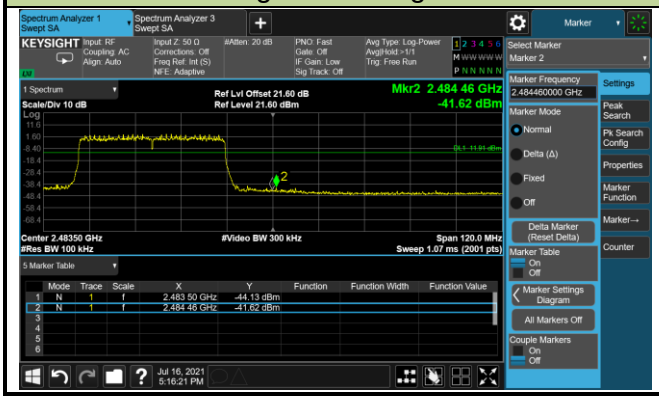
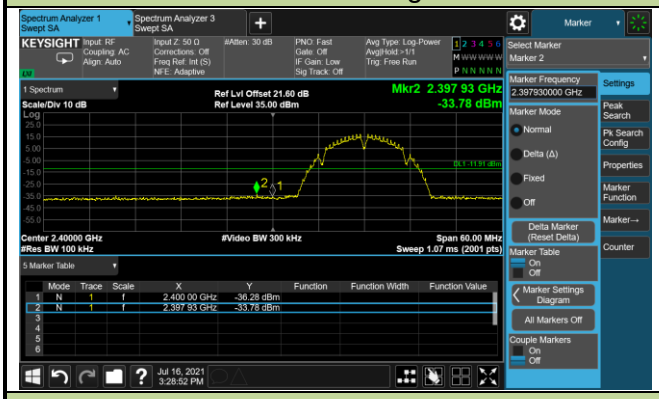
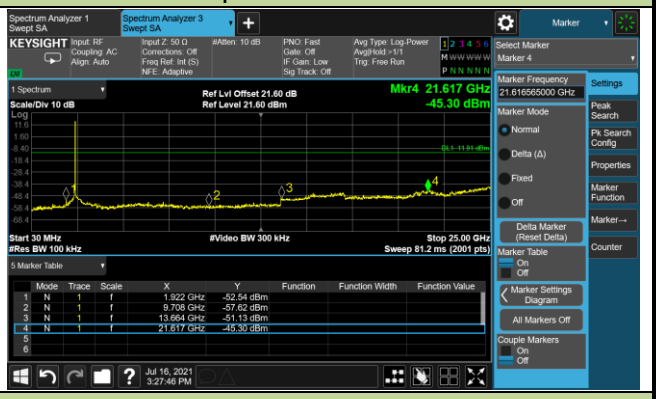
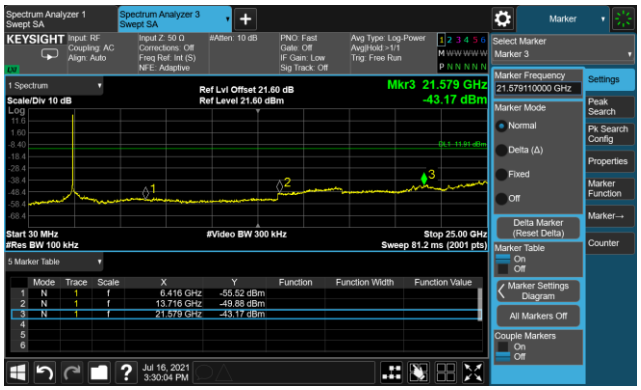
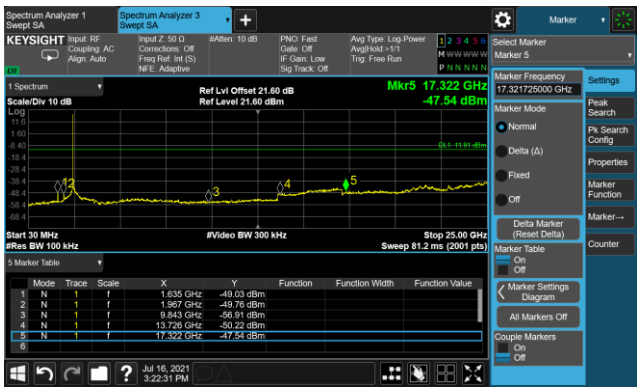
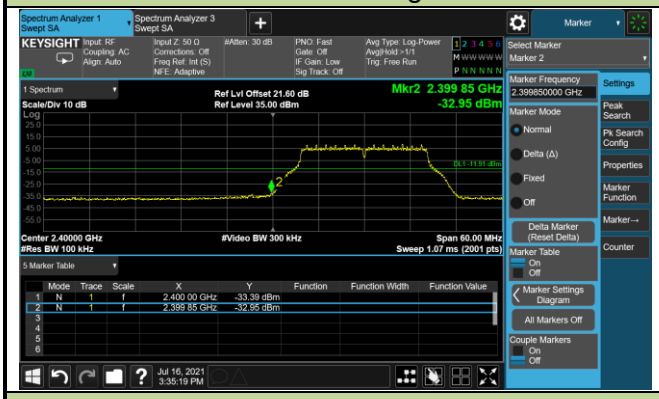
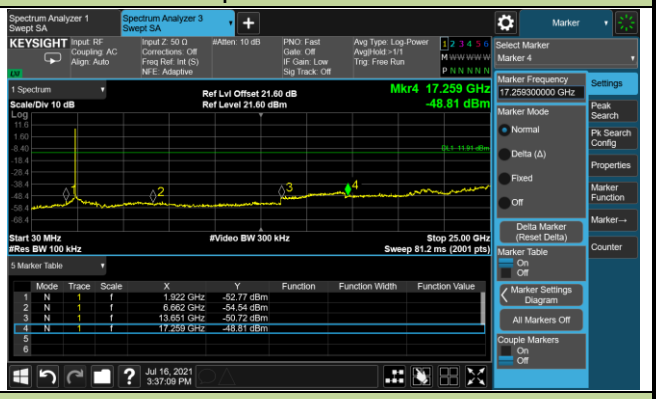
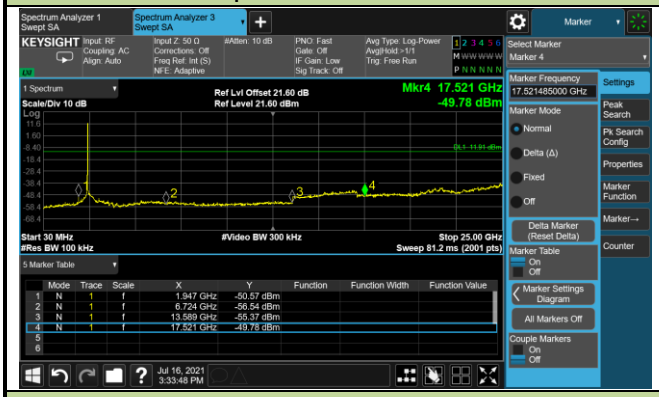
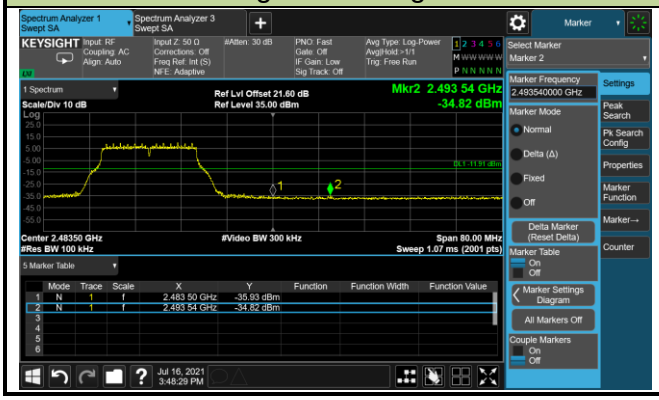
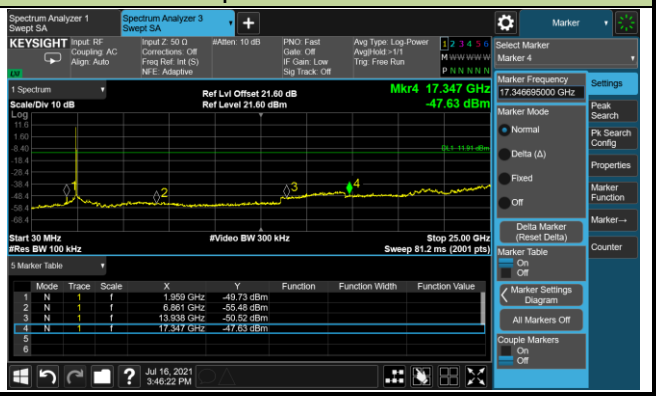
802.11n-HT20 Out-of-Band Emissions -Ant 0	
Channel 01 (2412MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 11 (2462MHz)	
High Band Edge	Spurious Emission
	

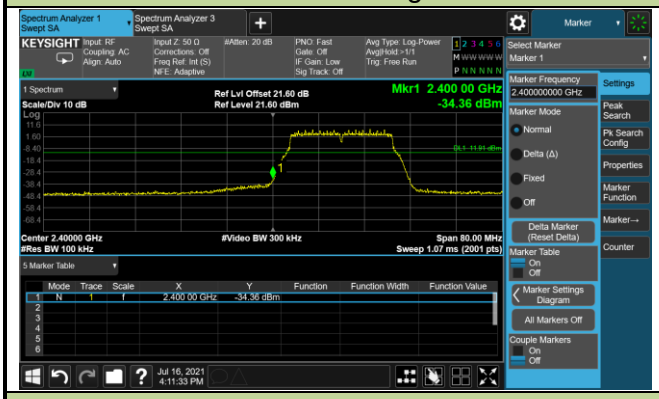
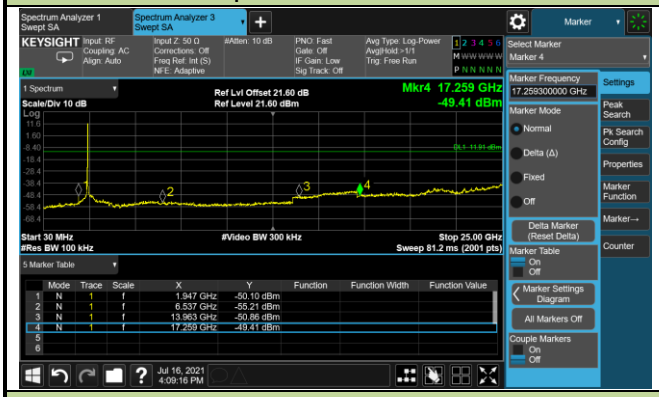
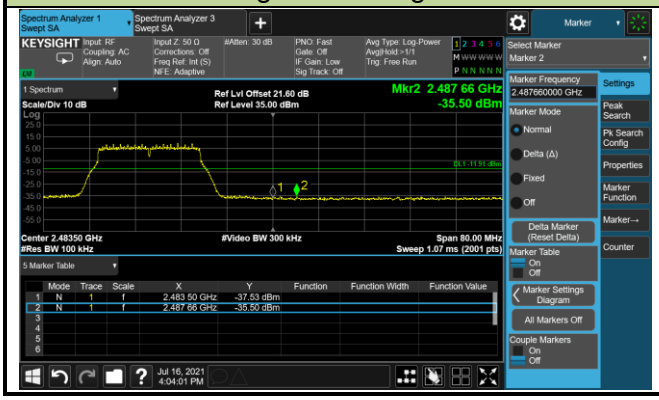
802.11n-HT40 Out-of-Band Emissions - Ant 0	
Channel 03 (2422MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 09 (2452MHz)	
High Band Edge	Spurious Emission
	

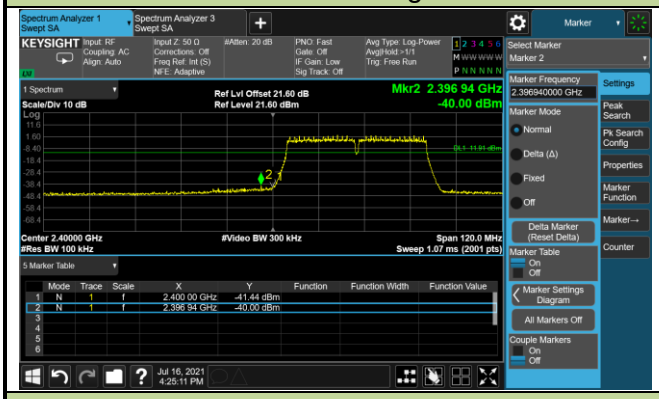
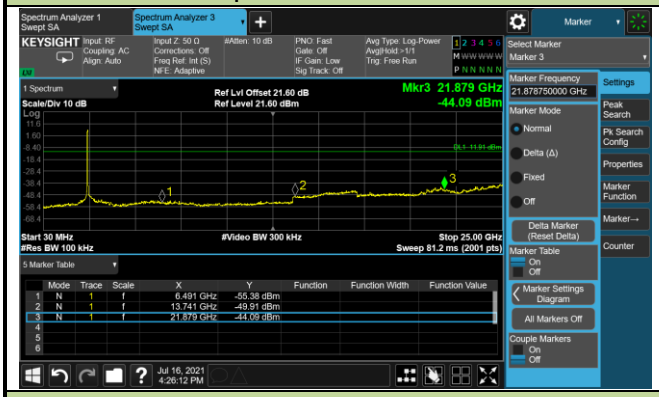
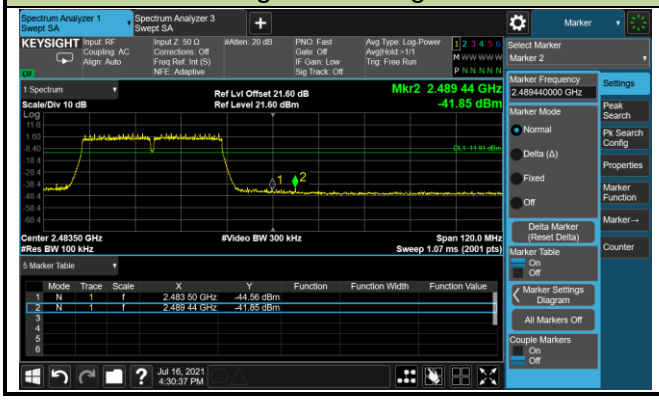
802.11ax-HE20 Out-of-Band Emissions -Ant 0	
Channel 01 (2412MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 11 (2462MHz)	
High Band Edge	Spurious Emission
	

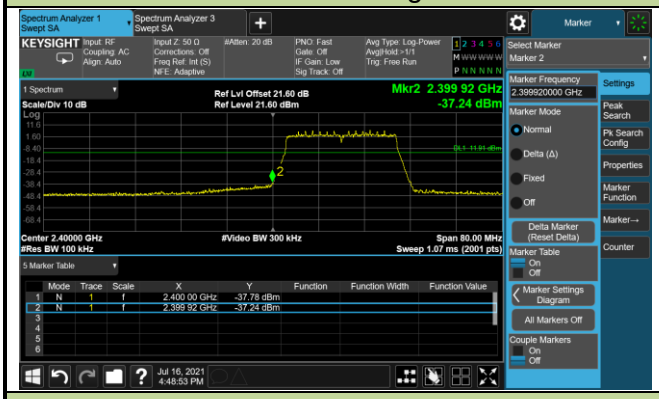
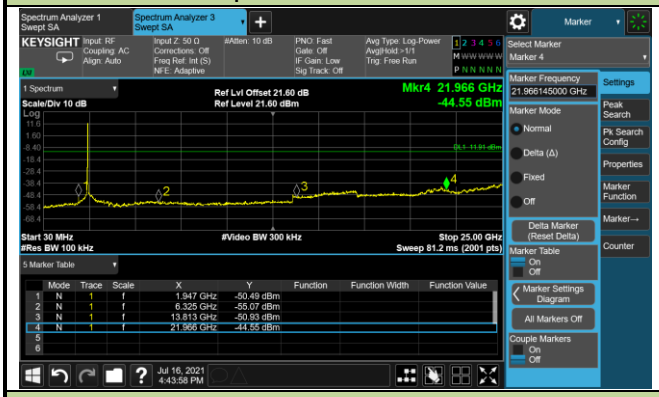
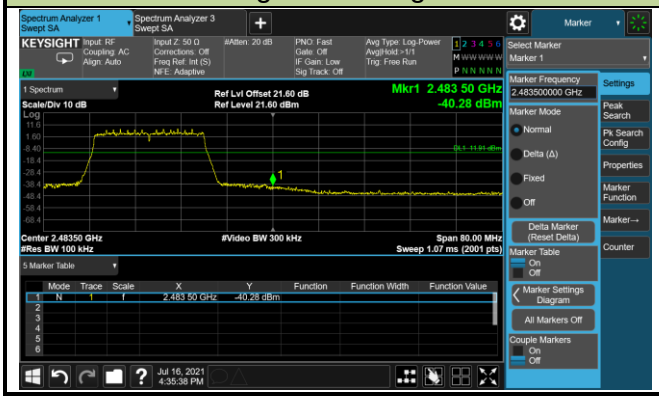
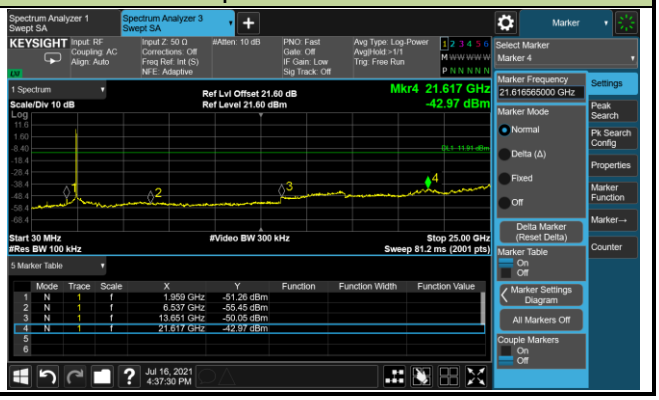
802.11ax-HE40 Out-of-Band Emissions - Ant 0	
Channel 03 (2422MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 09 (2452MHz)	
High Band Edge	Spurious Emission
	

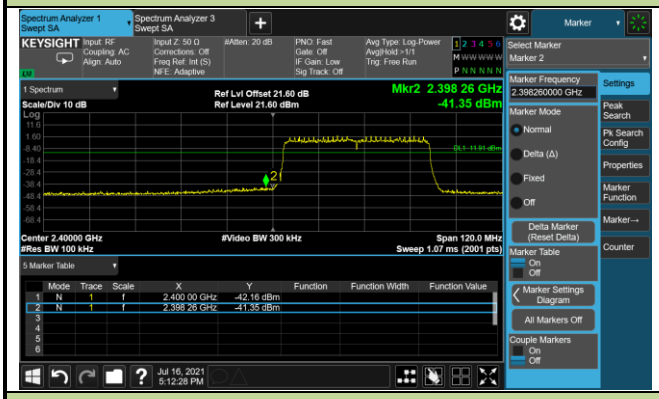
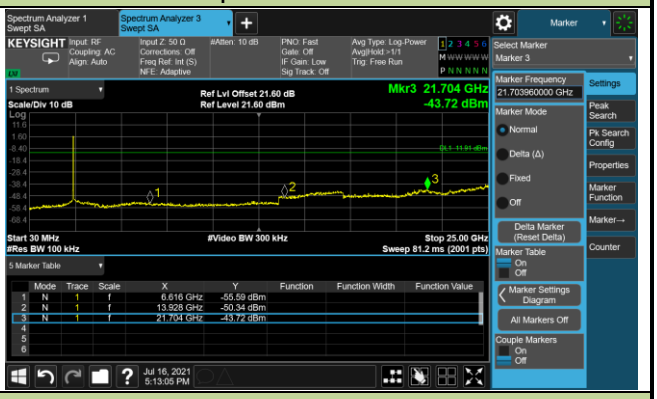
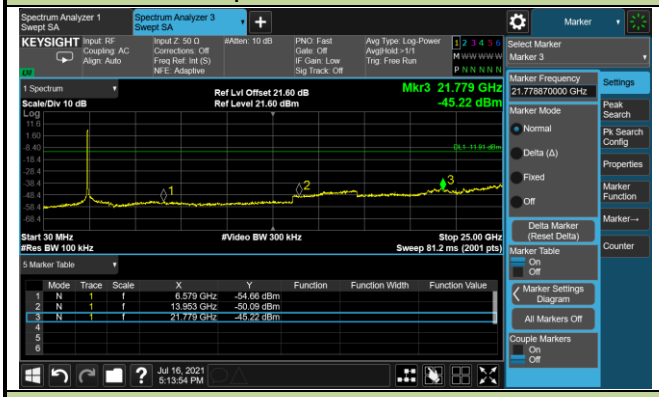
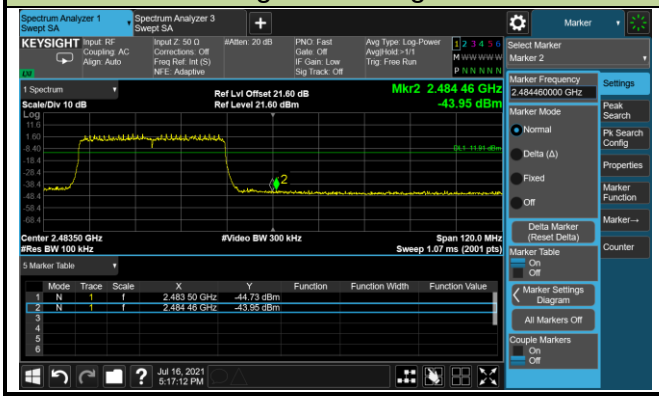
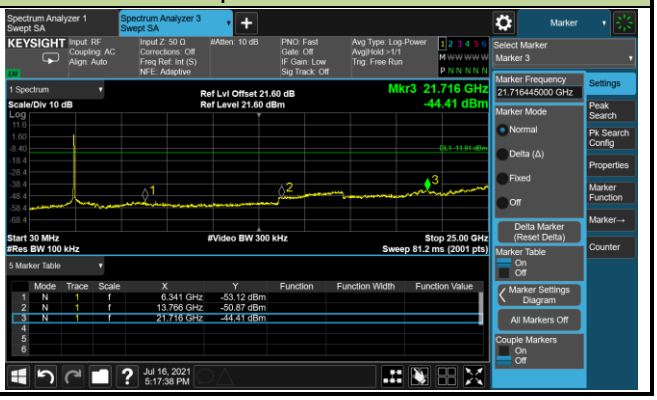
802.11b Out-of-Band Emissions - Ant 1	
Channel 01 (2412MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 11 (2462MHz)	
High Band Edge	Spurious Emission
	

802.11g Out-of-Band Emissions - Ant 1	
Channel 01 (2412MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 11 (2462MHz)	
High Band Edge	Spurious Emission
	

802.11n-HT20 Out-of-Band Emissions -Ant 1	
Channel 01 (2412MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 11 (2462MHz)	
High Band Edge	Spurious Emission
	

802.11n-HT40 Out-of-Band Emissions - Ant 1	
Channel 03 (2422MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 09 (2452MHz)	
High Band Edge	Spurious Emission
	

802.11ax-HE20 Out-of-Band Emissions -Ant 1	
Channel 01 (2412MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 11 (2462MHz)	
High Band Edge	Spurious Emission
	

802.11ax-HE40 Out-of-Band Emissions - Ant 1	
Channel 03 (2422MHz)	
Low Band Edge	Spurious Emission
	
Channel 06 (2437MHz)	
Spurious Emission	
	
Channel 09 (2452MHz)	
High Band Edge	Spurious Emission
	

5.6. Radiated Spurious Emission Measurement

5.6.1.Test Limit

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

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

5.6.2.Test Procedure Used

ANSI C63.10 - 2013 - Section 11.11 & 11.12

ANSI C63.10 - 2013 - Section 6.3 (General Requirements)

ANSI C63.10 - 2013 - Section 6.4 (Standard test method below 30MHz)

ANSI C63.10 - 2013 - Section 6.5 (Standard test method above 30MHz to 1GHz)

ANSI C63.10 - 2013 - Section 6.6 (Standard test method above 1GHz)

5.6.3.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
> 1000MHz	1MHz

Quasi-Peak Measurements below 1GHz

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

2. Span was set greater than 1MHz

3. RBW = as specified in Table 1

4. Detector = CISPR quasi-peak

5. Sweep time = auto couple

6. Trace was allowed to stabilize

Peak Measurements above 1GHz

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

2. RBW = 1MHz

3. VBW = 3MHz

4. Detector = peak

5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

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

2. RBW = 1MHz

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

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

4. Detector = Peak

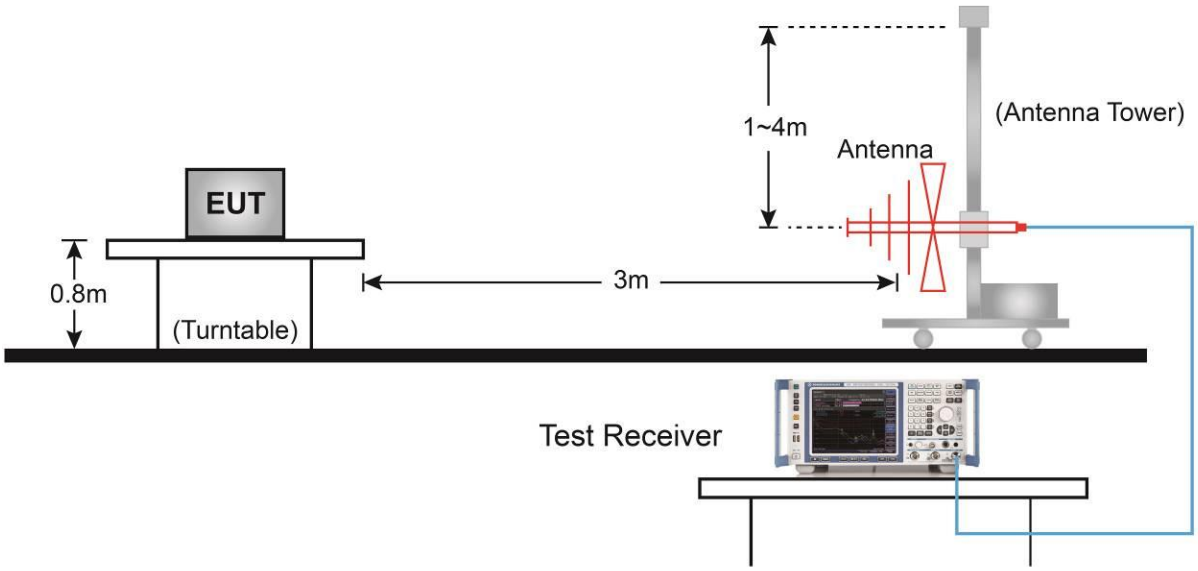
5. Sweep time = auto

6. Trace mode = max hold

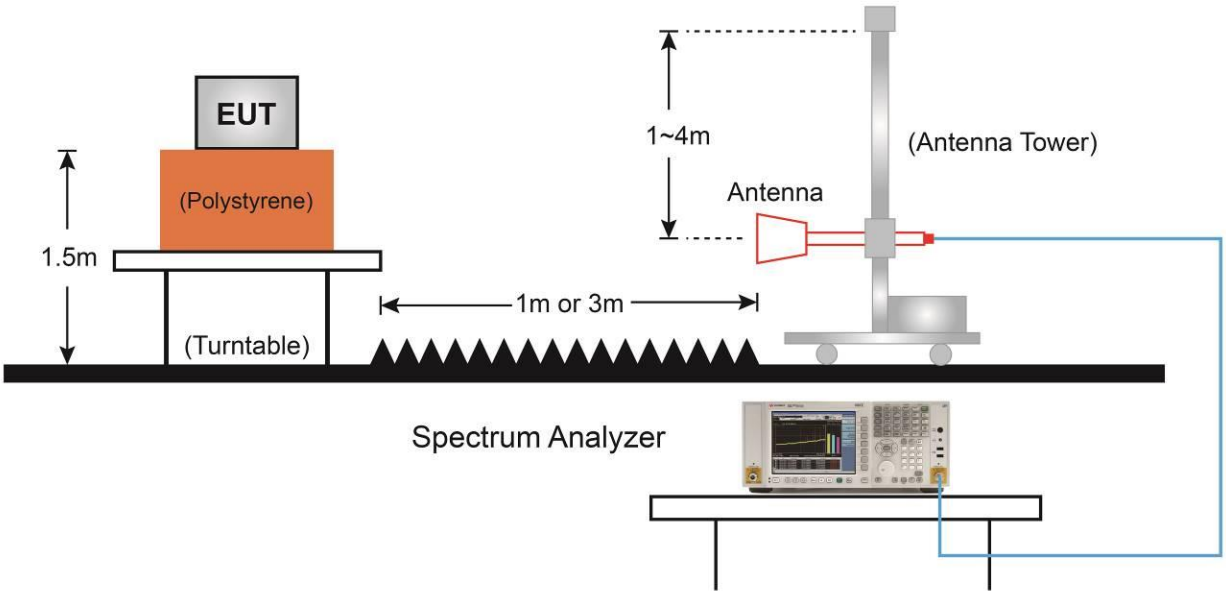
7. Trace was allowed to stabilize

5.6.4.Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



5.6.5.Test Result

Test Site	WZ-AC2	Test Engineer	Hyde Yu
Test Date	2021/07/16	Test Mode	802.11b
Test Channel	01		
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
	5411.5	34.1	5.0	39.1	74.0	-34.9	Peak	Horizontal
	7553.5	34.4	12.1	46.5	74.0	-27.5	Peak	Horizontal
	8157.0	34.7	12.6	47.3	74.0	-26.7	Peak	Horizontal
	4825.0	39.6	4.4	44.0	74.0	-30.0	Peak	Vertical
	7417.5	33.3	12.5	45.8	74.0	-28.2	Peak	Vertical
	8276.0	32.1	11.9	44.0	74.0	-30.0	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11b	Test Channel	06
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
	4714.5	36.6	4.3	40.9	74.0	-33.1	Peak	Horizontal
	7528.0	34.5	12.1	46.6	74.0	-27.4	Peak	Horizontal
	8199.5	35.5	12.3	47.8	74.0	-26.2	Peak	Horizontal
	4876.0	40.8	4.4	45.2	74.0	-28.8	Peak	Vertical
	7502.5	33.0	12.3	45.3	74.0	-28.7	Peak	Vertical
	8310.0	32.1	12.0	44.1	74.0	-29.9	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11b	Test Channel	11
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
	5071.5	37.1	4.9	42.0	74.0	-32.0	Peak	Horizontal
	7587.5	34.5	12.2	46.7	74.0	-27.3	Peak	Horizontal
	8208.0	34.7	12.1	46.8	74.0	-27.2	Peak	Horizontal
	4927.0	41.1	4.6	45.7	74.0	-28.3	Peak	Vertical
	7502.5	33.9	12.3	46.2	74.0	-27.8	Peak	Vertical
	8242.0	33.6	12.2	45.8	74.0	-28.2	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11g	Test Channel	01
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
	4816.5	33.9	4.4	38.3	74.0	-35.7	Peak	Horizontal
	7698.0	35.4	12.0	47.4	74.0	-26.6	Peak	Horizontal
	8318.5	34.2	12.1	46.3	74.0	-27.7	Peak	Horizontal
	5029.0	36.6	4.5	41.1	74.0	-32.9	Peak	Vertical
	7655.5	34.2	12.1	46.3	74.0	-27.7	Peak	Vertical
	8199.5	32.7	12.3	45.0	74.0	-29.0	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode:	802.11g	Test Channel:	06
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
	5080.0	37.4	4.8	42.2	74.0	-31.8	Peak	Horizontal
	7519.5	34.4	12.1	46.5	74.0	-27.5	Peak	Horizontal
	8225.0	34.6	12.0	46.6	74.0	-27.4	Peak	Horizontal
	4876.0	38.3	4.4	42.7	74.0	-31.3	Peak	Vertical
	7621.5	34.6	12.0	46.6	74.0	-27.4	Peak	Vertical
	8276.0	34.5	11.9	46.4	74.0	-27.6	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11g	Test Channel	11
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
	4995.0	36.5	4.7	41.2	74.0	-32.8	Peak	Horizontal
	7562.0	34.6	12.2	46.8	74.0	-27.2	Peak	Horizontal
	8225.0	34.1	12.0	46.1	74.0	-27.9	Peak	Horizontal
	5012.0	37.0	4.5	41.5	74.0	-32.5	Peak	Vertical
	7502.5	33.5	12.3	45.8	74.0	-28.2	Peak	Vertical
	8378.0	34.8	12.2	47.0	74.0	-27.0	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11n-HT20	Test Channel:	01
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
	5020.5	37.2	4.5	41.7	74.0	-32.3	Peak	Horizontal
	7528.0	34.2	12.1	46.3	74.0	-27.7	Peak	Horizontal
	8386.5	32.7	12.3	45.0	74.0	-29.0	Peak	Horizontal
	4986.5	36.2	4.6	40.8	74.0	-33.2	Peak	Vertical
	7409.0	33.5	12.4	45.9	74.0	-28.1	Peak	Vertical
	8225.0	34.3	12.0	46.3	74.0	-27.7	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11n-HT20	Test Channel	06
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
	5105.5	37.1	4.7	41.8	74.0	-32.2	Peak	Horizontal
	7434.5	33.7	12.4	46.1	74.0	-27.9	Peak	Horizontal
	8250.5	33.9	12.2	46.1	74.0	-27.9	Peak	Horizontal
	4876.0	38.4	4.4	42.8	74.0	-31.2	Peak	Vertical
	7315.5	38.2	12.1	50.3	74.0	-23.7	Peak	Vertical
	8165.5	33.6	12.6	46.2	74.0	-27.8	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11n-HT20	Test Channel	11
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
	5046.0	36.8	4.8	41.6	74.0	-32.4	Peak	Horizontal
	7638.5	34.7	12.1	46.8	74.0	-27.2	Peak	Horizontal
	8259.0	34.1	12.2	46.3	74.0	-27.7	Peak	Horizontal
	5063.0	36.6	4.9	41.5	74.0	-32.5	Peak	Vertical
	7409.0	33.4	12.4	45.8	74.0	-28.2	Peak	Vertical
	8199.5	34.4	12.3	46.7	74.0	-27.3	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11n-HT40	Test Channel	03
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
	4944.0	36.6	4.5	41.1	74.0	-32.9	Peak	Horizontal
	7443.0	33.6	12.2	45.8	74.0	-28.2	Peak	Horizontal
	8293.0	34.4	11.8	46.2	74.0	-27.8	Peak	Horizontal
	4867.5	36.4	4.5	40.9	74.0	-33.1	Peak	Vertical
	7536.5	32.9	12.1	45.0	74.0	-29.0	Peak	Vertical
	8114.5	33.3	12.7	46.0	74.0	-28.0	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11n-HT40	Test Channel	06
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
	5063.0	37.0	4.9	41.9	74.0	-32.1	Peak	Horizontal
	7655.5	34.0	12.1	46.1	74.0	-27.9	Peak	Horizontal
	8259.0	34.7	12.2	46.9	74.0	-27.1	Peak	Horizontal
	4706.0	37.3	4.4	41.7	74.0	-32.3	Peak	Vertical
	7562.0	33.7	12.2	45.9	74.0	-28.1	Peak	Vertical
	8463.0	33.7	12.7	46.4	74.0	-27.6	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11n-HT40	Test Channel	09
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
	4774.0	36.2	4.5	40.7	74.0	-33.3	Peak	Horizontal
	7596.0	34.0	12.1	46.1	74.0	-27.9	Peak	Horizontal
	8114.5	34.1	12.7	46.8	74.0	-27.2	Peak	Horizontal
	5003.5	36.8	4.6	41.4	74.0	-32.6	Peak	Vertical
	7400.5	34.0	12.3	46.3	74.0	-27.7	Peak	Vertical
	8131.5	33.6	12.6	46.2	74.0	-27.8	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11ax-HE20	Test Channel:	01
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
	5037.5	37.3	4.6	41.9	74.0	-32.1	Peak	Horizontal
	7502.5	34.0	12.3	46.3	74.0	-27.7	Peak	Horizontal
	8250.5	34.2	12.2	46.4	74.0	-27.6	Peak	Horizontal
	5071.5	36.7	4.9	41.6	74.0	-32.4	Peak	Vertical
	7672.5	34.7	12.1	46.8	74.0	-27.2	Peak	Vertical
	8276.0	33.7	11.9	45.6	74.0	-28.4	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11ax-HE20	Test Channel	06
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
	5088.5	36.1	4.7	40.8	74.0	-33.2	Peak	Horizontal
	7732.0	35.2	12.1	47.3	74.0	-26.7	Peak	Horizontal
	8352.5	32.4	12.1	44.5	74.0	-29.5	Peak	Horizontal
	4876.0	41.7	4.4	46.1	74.0	-27.9	Peak	Vertical
	7307.0	38.7	12.0	50.7	74.0	-23.3	Peak	Vertical
	8191.0	33.6	12.4	46.0	74.0	-28.0	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11ax-HE20	Test Channel	11
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
	5046.0	35.9	4.8	40.7	74.0	-33.3	Peak	Horizontal
	7647.0	34.3	12.2	46.5	74.0	-27.5	Peak	Horizontal
	8216.5	34.4	12.1	46.5	74.0	-27.5	Peak	Horizontal
	5114.0	36.4	4.7	41.1	74.0	-32.9	Peak	Vertical
	7383.5	34.6	12.1	46.7	74.0	-27.3	Peak	Vertical
	8233.5	33.9	12.1	46.0	74.0	-28.0	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11ax-HE40	Test Channel	03
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
	5080.0	37.4	4.8	42.2	74.0	-31.8	Peak	Horizontal
	7681.0	34.9	12.0	46.9	74.0	-27.1	Peak	Horizontal
	8267.5	34.2	12.1	46.3	74.0	-27.7	Peak	Horizontal
	4706.0	36.1	4.4	40.5	74.0	-33.5	Peak	Vertical
	7689.5	34.1	12.0	46.1	74.0	-27.9	Peak	Vertical
	8148.5	33.0	12.6	45.6	74.0	-28.4	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11ax-HE40	Test Channel	06
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
	5029.0	36.8	4.5	41.3	74.0	-32.7	Peak	Horizontal
	7647.0	34.6	12.2	46.8	74.0	-27.2	Peak	Horizontal
	8454.5	34.2	12.7	46.9	74.0	-27.1	Peak	Horizontal
	5012.0	37.1	4.5	41.6	74.0	-32.4	Peak	Vertical
	7494.0	34.4	12.3	46.7	74.0	-27.3	Peak	Vertical
	8471.5	34.0	12.7	46.7	74.0	-27.3	Peak	Vertical

Note 1: “*” means test frequency didn't fall into restricted band.

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

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

Product	AX3000 Gigabit Wi-Fi 6 Router	Test Engineer	Hyde Yu
Test Site	WZ-AC2	Test Date	2021/07/16
Test Mode	802.11ax-HE40	Test Channel	09
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
	5131.0	38.0	4.8	42.8	74.0	-31.2	Peak	Horizontal
	7409.0	33.4	12.4	45.8	74.0	-28.2	Peak	Horizontal
	8131.5	33.2	12.6	45.8	74.0	-28.2	Peak	Horizontal
	5063.0	37.6	4.9	42.5	74.0	-31.5	Peak	Vertical
	7409.0	33.1	12.4	45.5	74.0	-28.5	Peak	Vertical
	8182.5	33.6	12.5	46.1	74.0	-27.9	Peak	Vertical

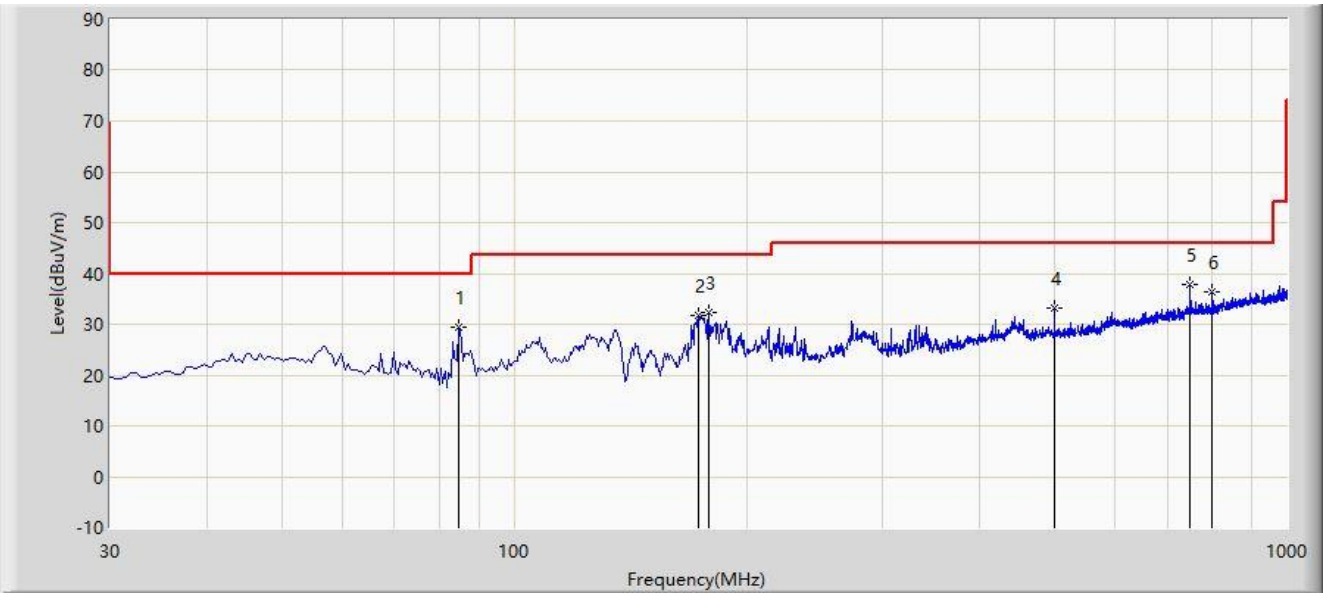
Note 1: “*” means test frequency didn't fall into restricted band.

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 Result of Radiated Emission below 1GHz:

Site: WZ-AC2	Time: 2021/07/16 - 15:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_VULB9162_0.03-7GHz	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			84.805	29.507	14.653	-10.493	40.000	14.854	PK
2			173.075	31.665	15.409	-11.835	43.500	16.256	PK
3			178.895	32.233	15.578	-11.267	43.500	16.655	PK
4			499.965	33.278	8.173	-12.722	46.000	25.105	PK
5		*	749.740	37.833	8.125	-8.167	46.000	29.708	PK
6			800.180	36.365	6.322	-9.635	46.000	30.043	PK

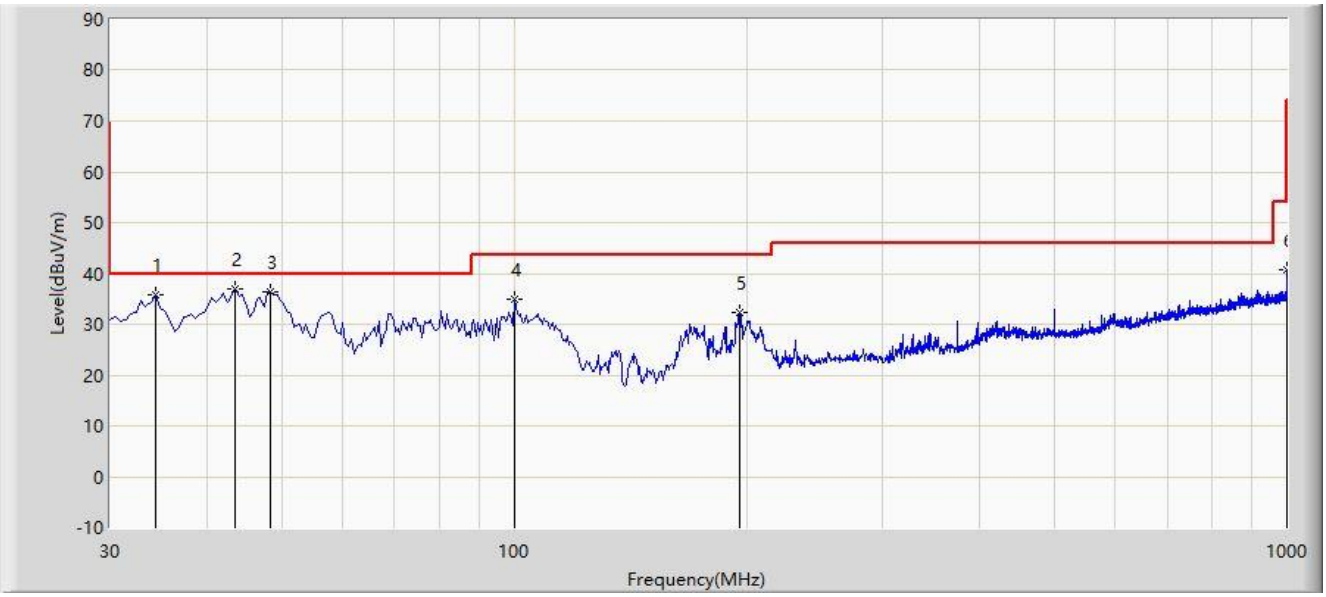
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit by more than 3dB.

Note 3: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) 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-AC1	Time: 2021/07/16 - 15:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Hyde Yu
Probe: WZ-AC2_VULB9162_0.03-7GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			34.365	35.678	17.852	-4.322	40.000	17.826	PK
2		*	43.580	36.946	16.700	-3.054	40.000	20.246	PK
3			48.430	36.358	15.823	-3.642	40.000	20.535	PK
4			100.325	35.057	16.516	-8.443	43.500	18.541	PK
5			195.870	32.197	13.424	-11.303	43.500	18.772	PK
6			1000.000	40.766	8.528	-13.234	54.000	32.238	PK

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

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

Note 2: QP measurement was not performed when peak measure level was lower than the QP limit by more than 3dB.

Note 3: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) 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.

5.7. Radiated Restricted Band Edge Measurement

5.7.1.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	--	--	--

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

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

5.7.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3

ANSI C63.10-2013 Section 6.6

ANSI C63.10-2013 Section 11.13

5.7.3.Test Setting

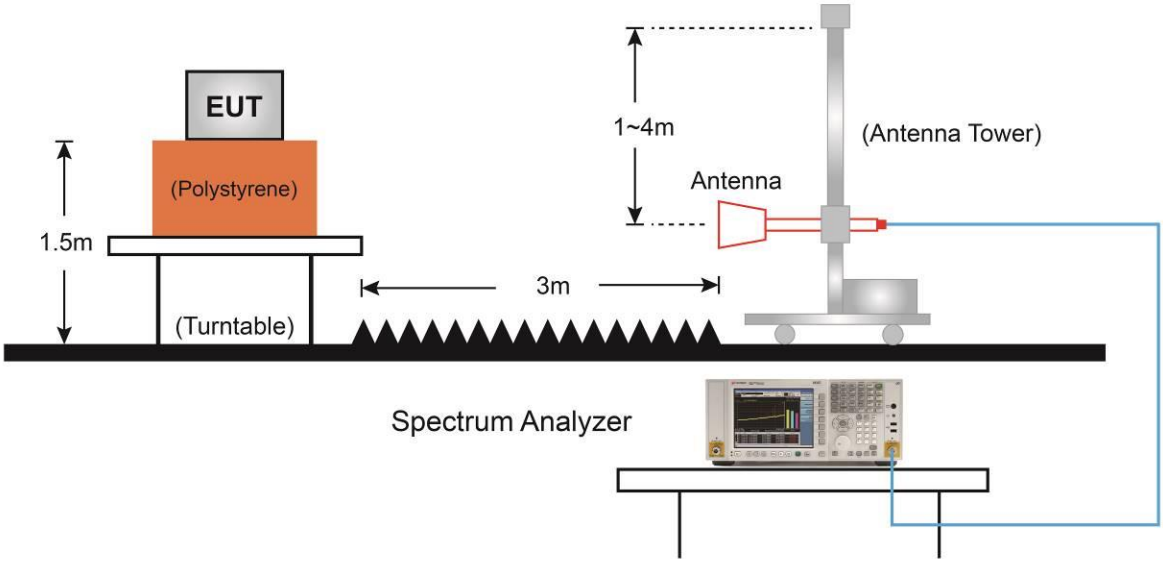
Peak Field Strength Measurements

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

Average Field Strength Measurements

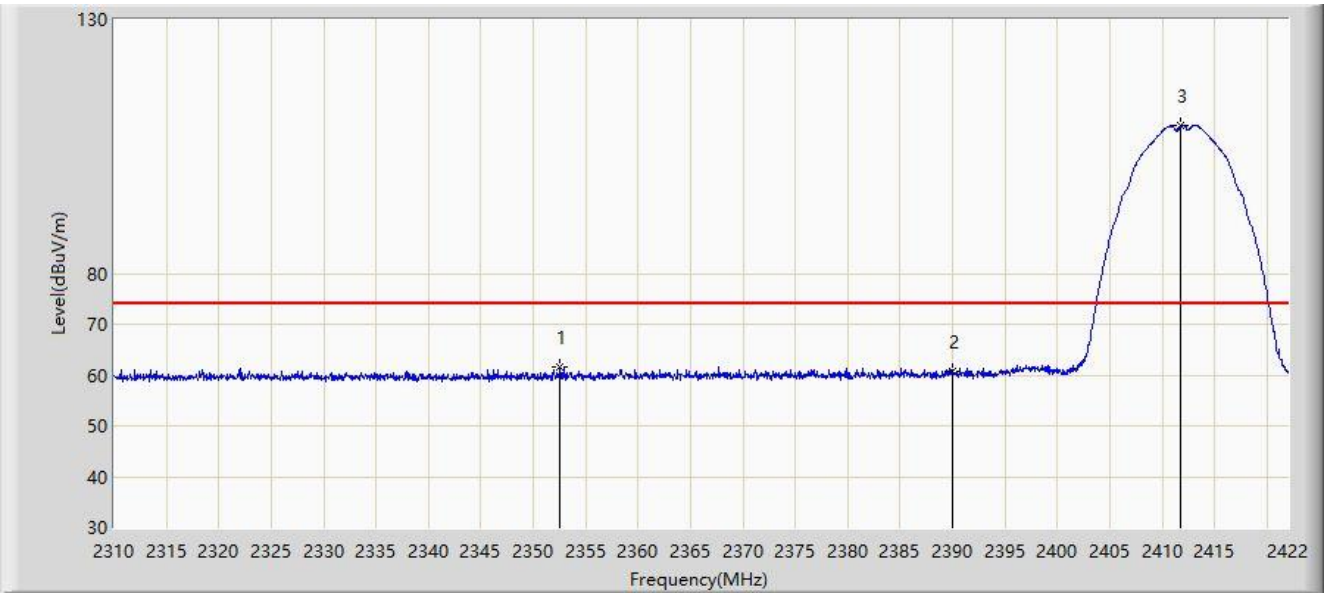
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain).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

5.7.4.Test Setup



5.7.5.Test Result

Site: NS-AC1	Time: 2021/04/29 - 11:03
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

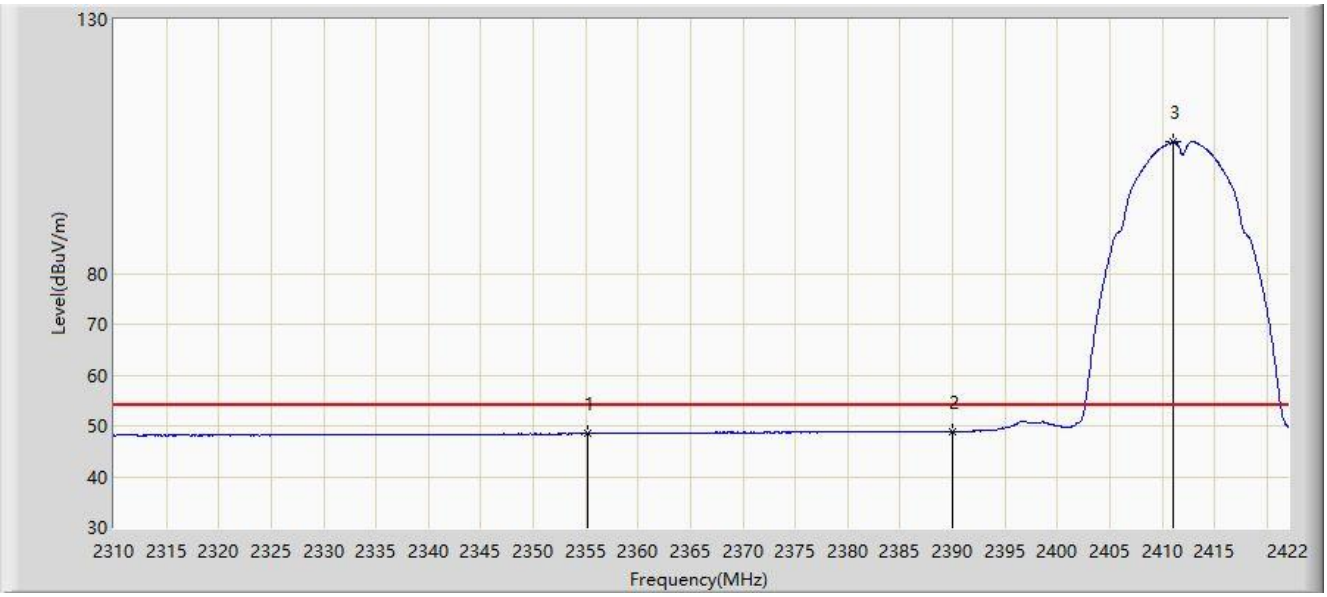


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2352.560	61.570	30.576	-12.430	74.000	30.994	PK
2			2390.000	60.676	29.770	-13.324	74.000	30.906	PK
3		*	2411.808	109.063	78.168	N/A	N/A	30.895	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:06
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

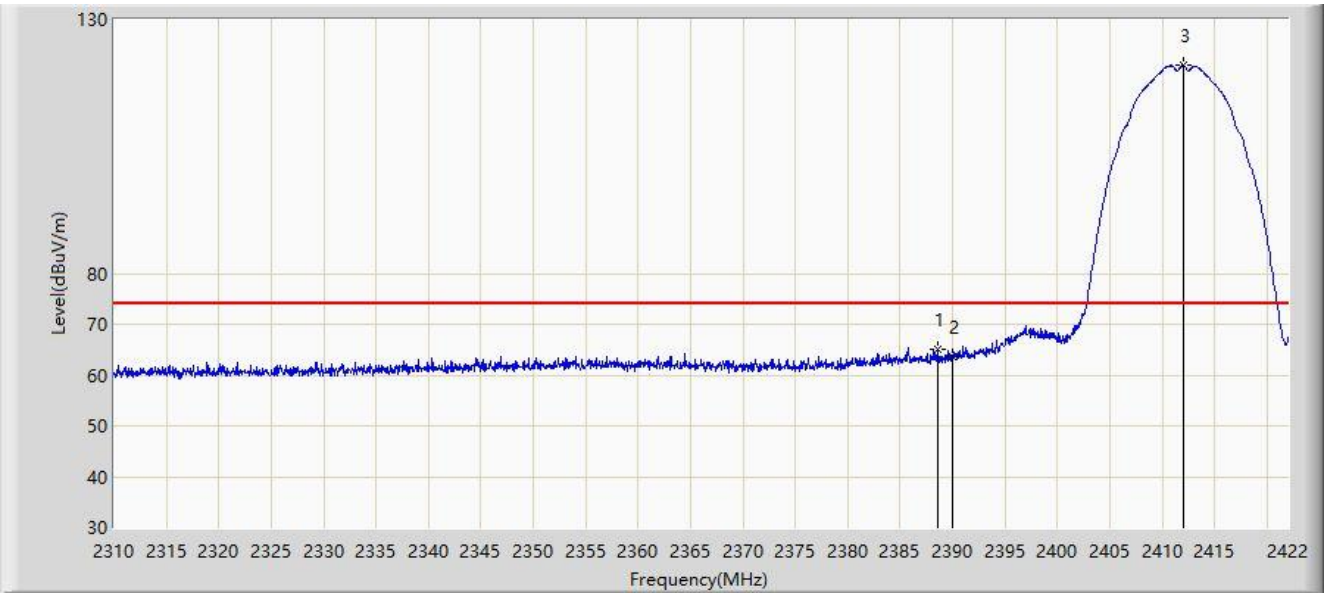


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2355.248	48.486	17.498	-5.514	54.000	30.988	AV
2			2390.000	48.941	18.035	-5.059	54.000	30.906	AV
3		*	2411.024	105.949	75.053	N/A	N/A	30.896	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:03
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

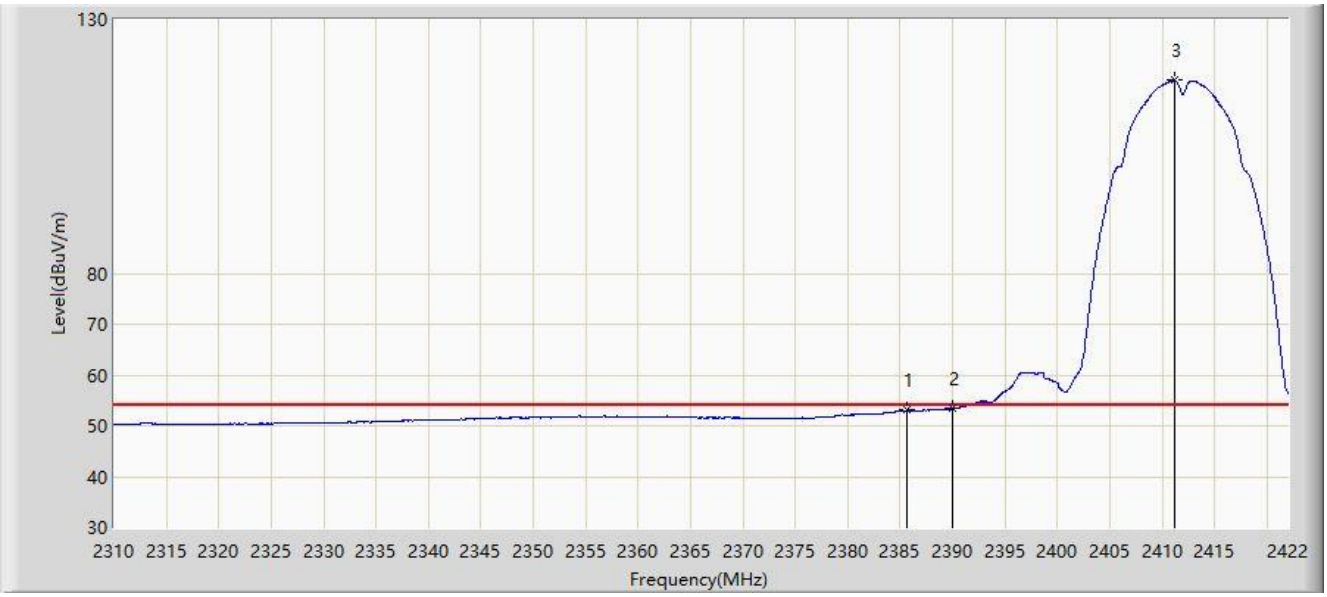


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2388.624	65.069	34.160	-8.931	74.000	30.909	PK
2			2390.000	63.556	32.650	-10.444	74.000	30.906	PK
3		*	2412.032	120.942	90.048	N/A	N/A	30.894	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:02
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2412MHz	

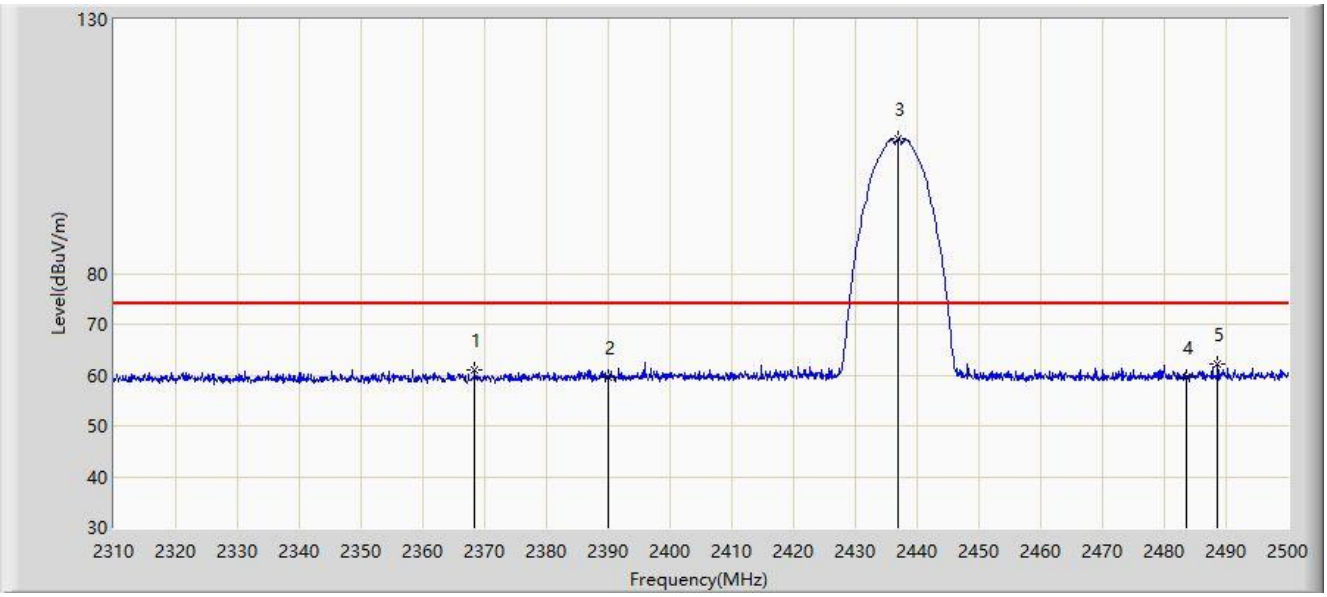


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2385.712	53.151	22.235	-0.849	54.000	30.916	AV
2			2390.000	53.404	22.498	-0.596	54.000	30.906	AV
3		*	2411.136	117.986	87.090	N/A	N/A	30.896	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:38
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz	

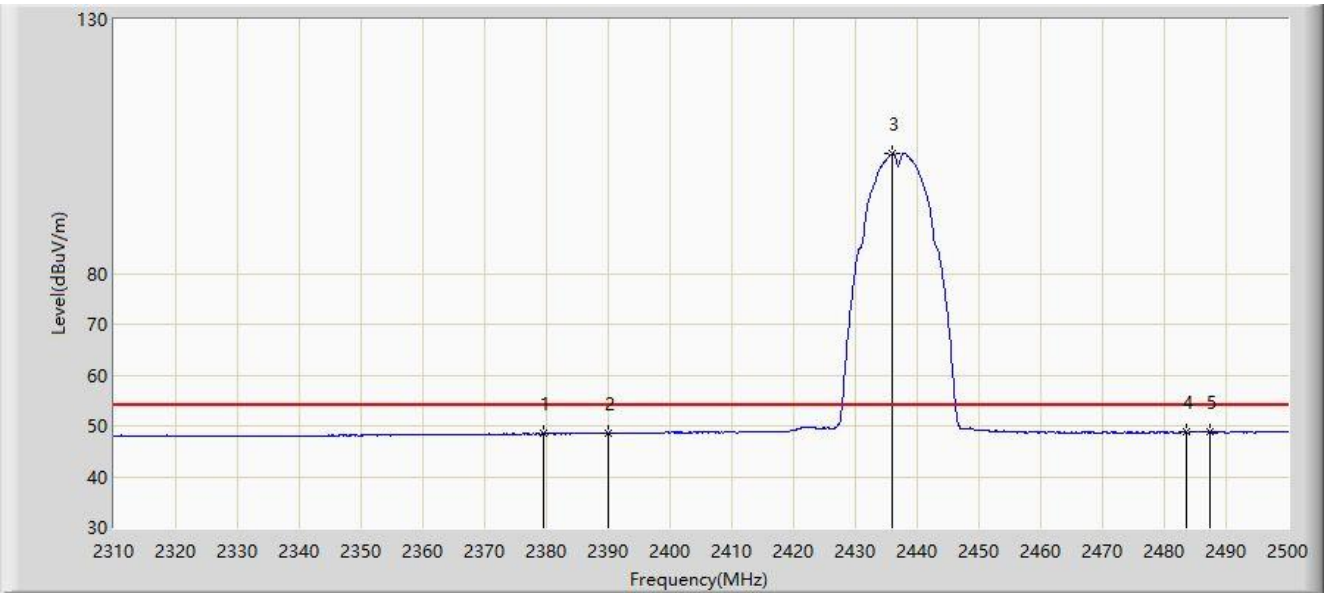


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2368.330	61.095	30.138	-12.905	74.000	30.957	PK
2			2390.000	59.644	28.738	-14.356	74.000	30.906	PK
3		*	2436.920	106.570	75.713	N/A	N/A	30.857	PK
4			2483.500	59.632	28.744	-14.368	74.000	30.888	PK
5			2488.600	62.089	31.205	-11.911	74.000	30.884	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:39
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz	

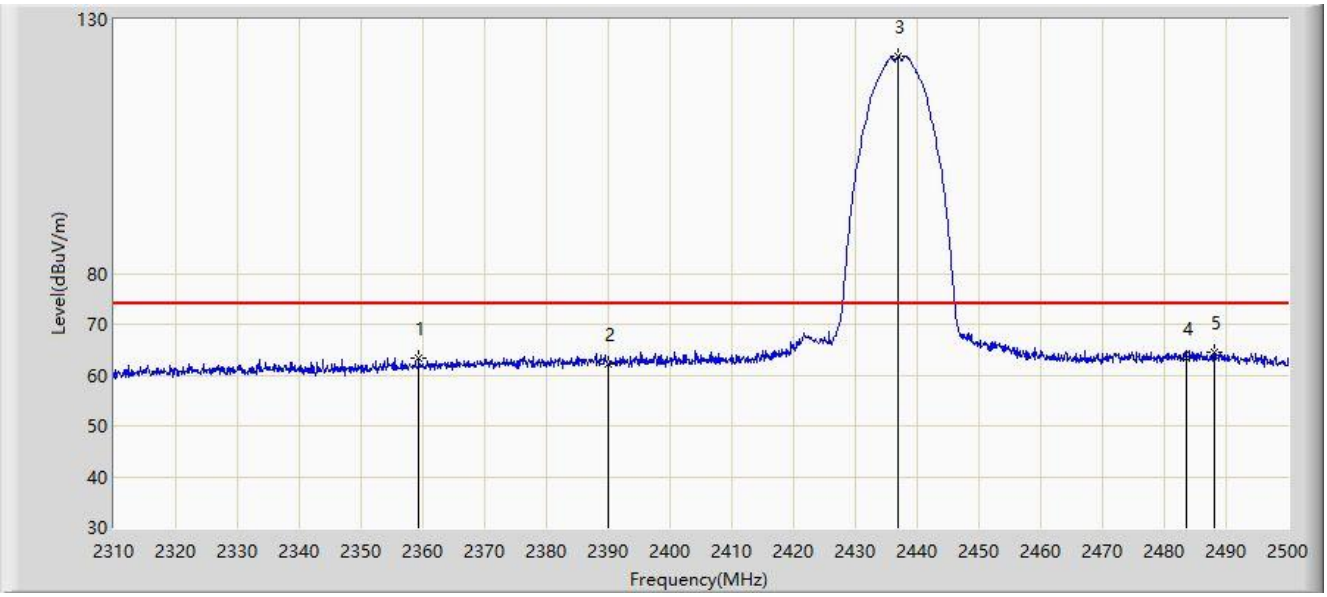


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2379.635	48.480	17.550	-5.520	54.000	30.930	AV
2			2390.000	48.572	17.666	-5.428	54.000	30.906	AV
3		*	2435.875	103.503	72.645	N/A	N/A	30.858	AV
4			2483.500	48.755	17.867	-5.245	54.000	30.888	AV
5			2487.460	48.801	17.916	-5.199	54.000	30.885	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:37
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz	

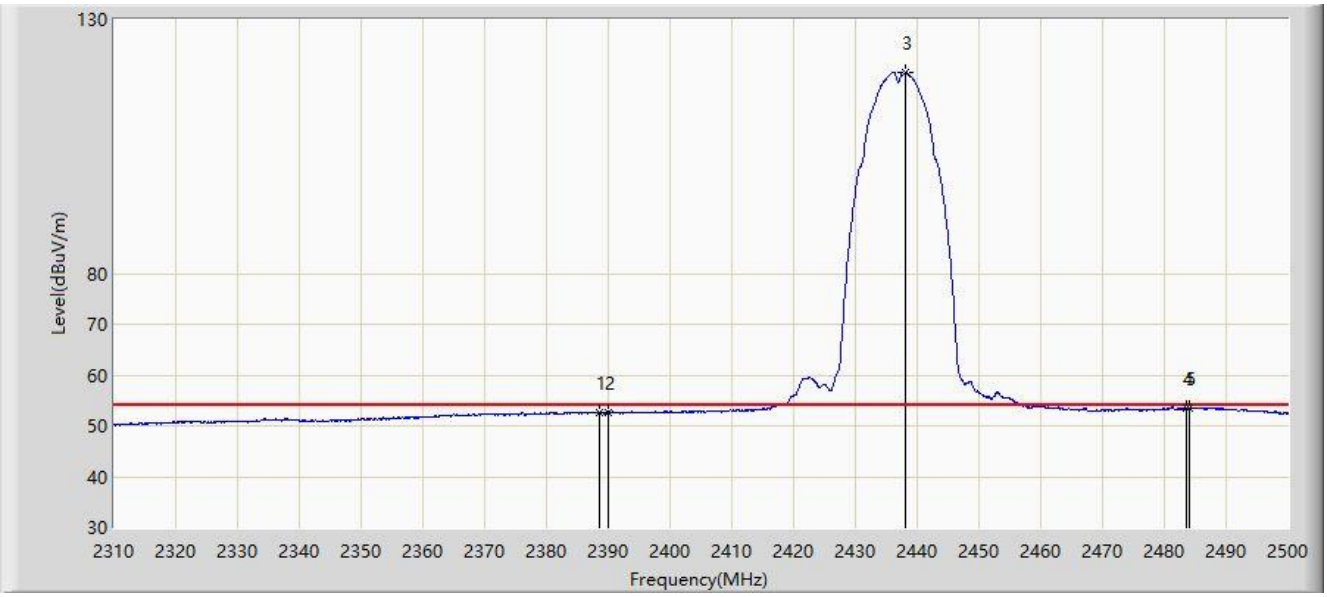


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2359.305	63.227	32.249	-10.773	74.000	30.978	PK
2			2390.000	62.162	31.256	-11.838	74.000	30.906	PK
3		*	2436.920	122.732	91.875	N/A	N/A	30.857	PK
4			2483.500	63.340	32.452	-10.660	74.000	30.888	PK
5			2488.125	64.402	33.517	-9.598	74.000	30.885	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:36
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2437MHz	

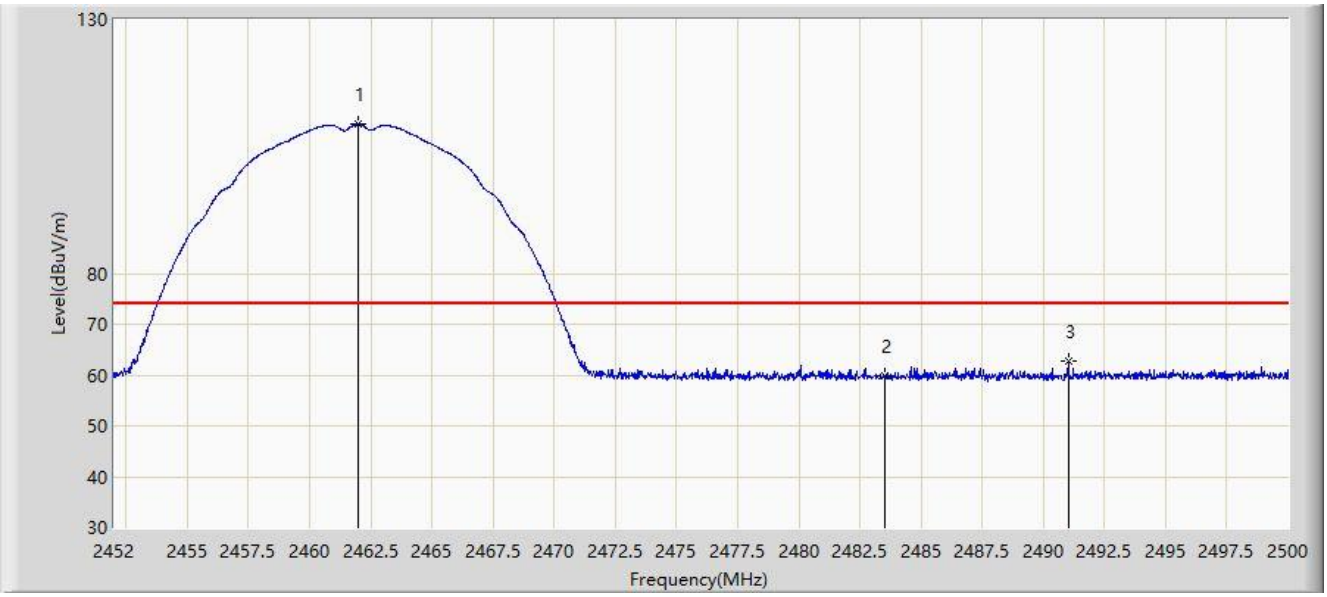


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2388.470	52.609	21.700	-1.391	54.000	30.909	AV
2			2390.000	52.639	21.733	-1.361	54.000	30.906	AV
3		*	2438.155	119.614	88.758	N/A	N/A	30.856	AV
4			2483.500	53.513	22.625	-0.487	54.000	30.888	AV
5			2483.945	53.536	22.648	-0.464	54.000	30.888	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:57
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	

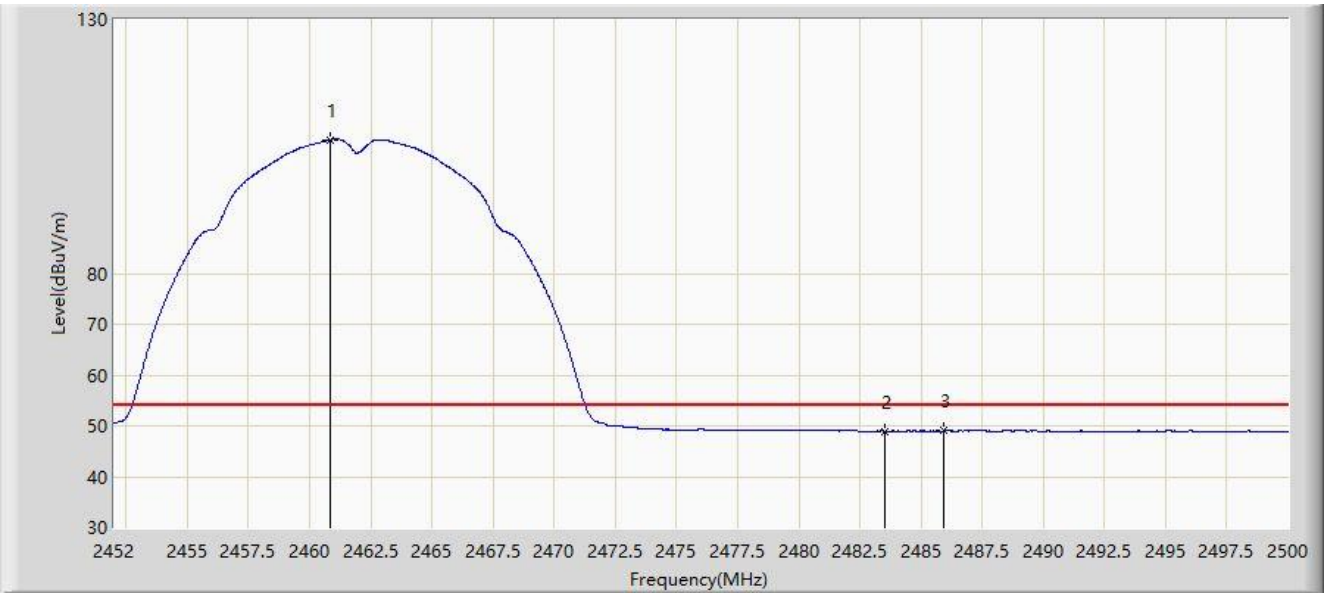


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2461.984	109.322	78.472	N/A	N/A	30.850	PK
2			2483.500	59.751	28.863	-14.249	74.000	30.888	PK
3			2491.024	62.754	31.871	-11.246	74.000	30.883	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:58
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	

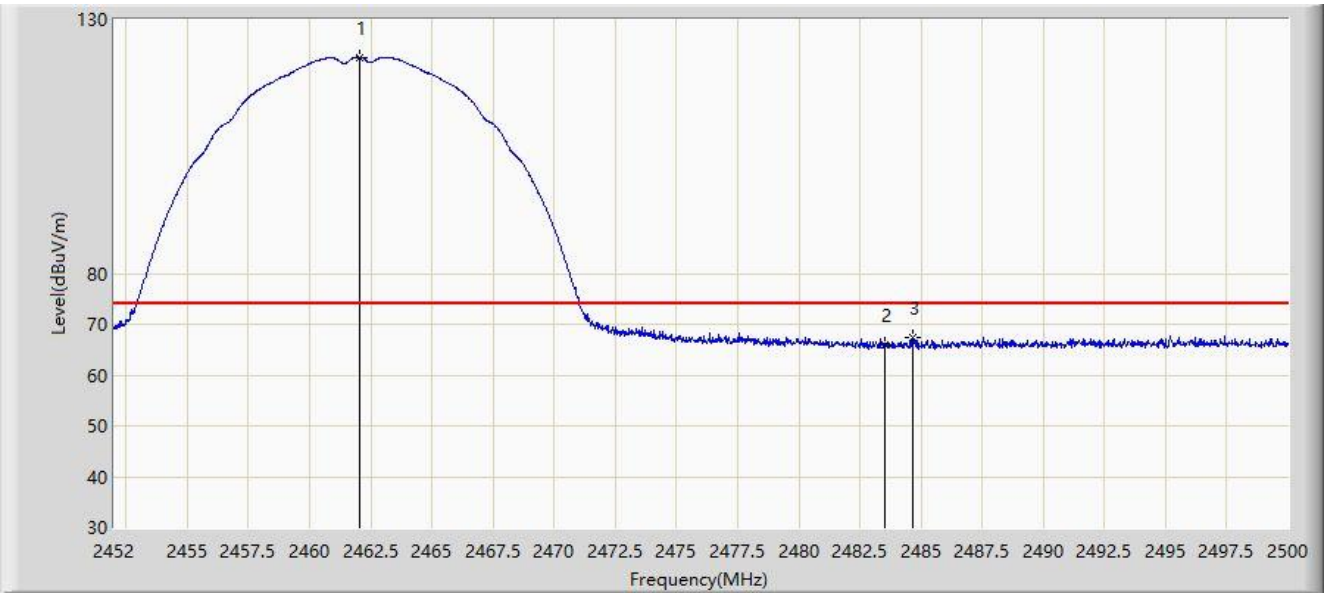


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2460.832	106.265	75.415	N/A	N/A	30.850	AV
2			2483.500	48.954	18.066	-5.046	54.000	30.888	AV
3			2485.936	48.990	18.104	-5.010	54.000	30.886	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:51
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	

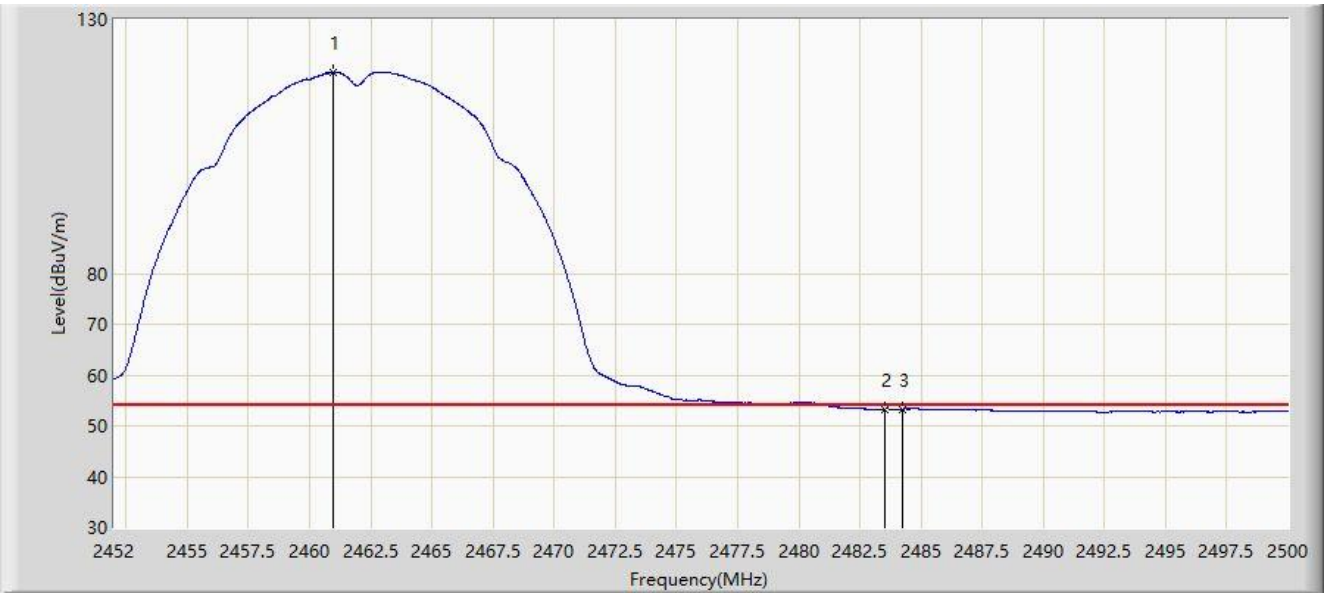


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2462.056	122.572	91.722	N/A	N/A	30.850	PK
2			2483.500	66.013	35.125	-7.987	74.000	30.888	PK
3			2484.688	67.248	36.361	-6.752	74.000	30.887	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 11:50
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at channel 2462MHz	

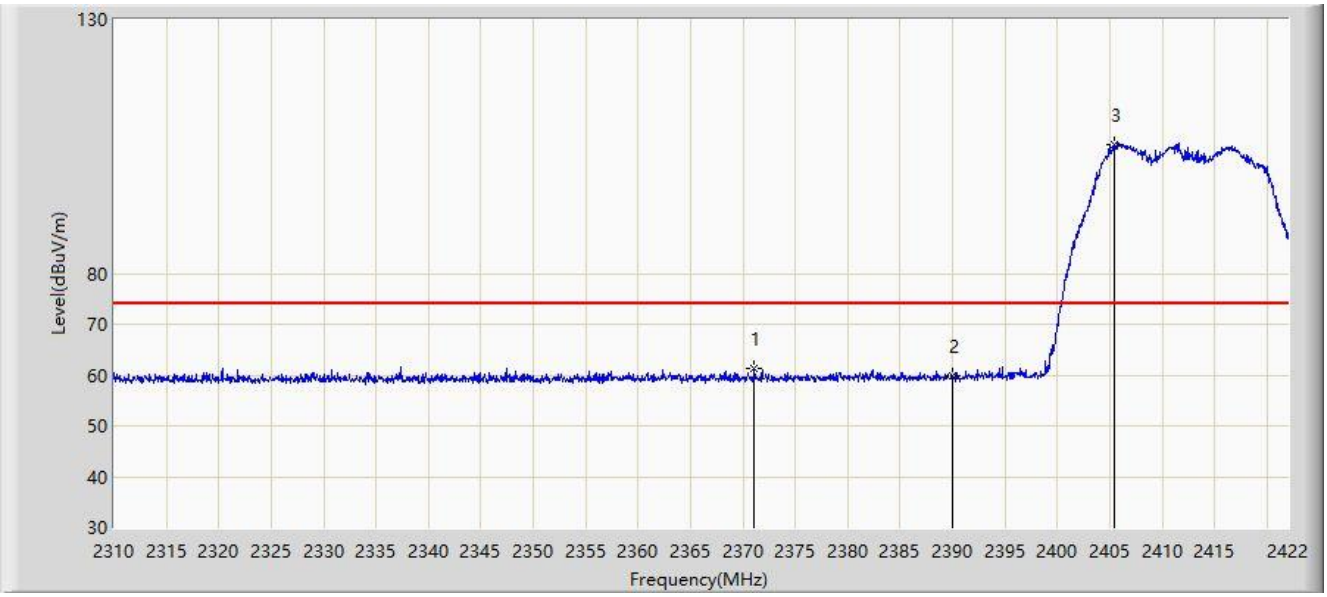


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	2460.976	119.602	88.752	N/A	N/A	30.850	AV
2			2483.500	53.296	22.408	-0.704	54.000	30.888	AV
3			2484.232	53.329	22.441	-0.671	54.000	30.888	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 13:47
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

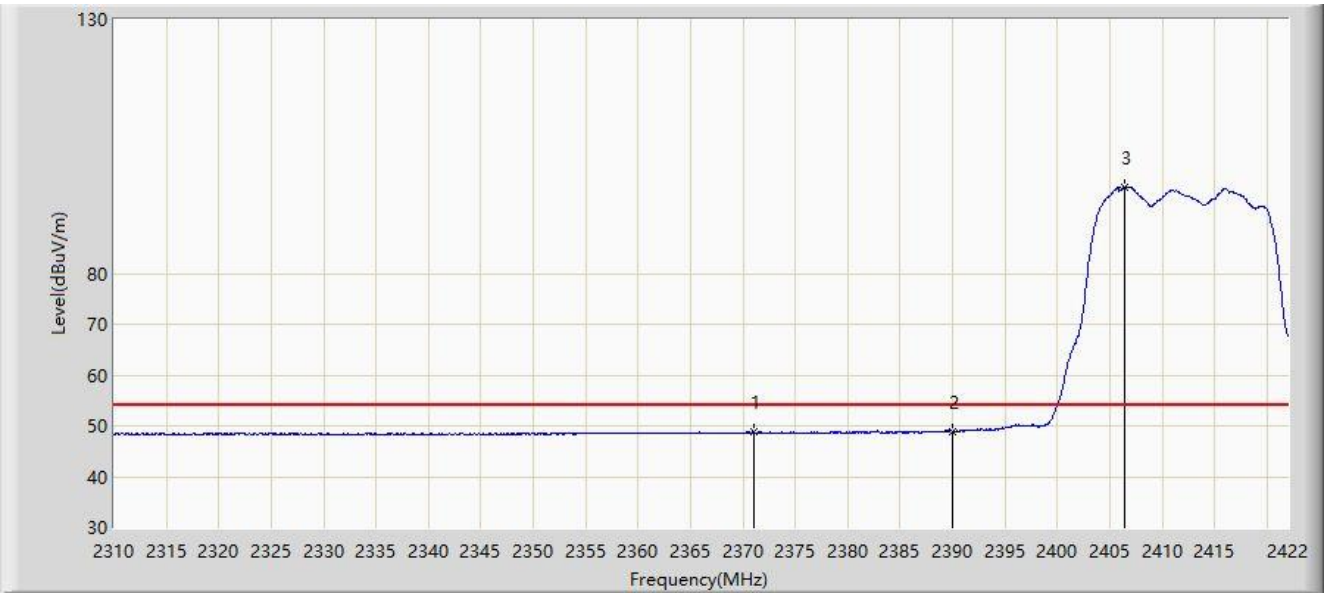


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2371.096	61.324	30.374	-12.676	74.000	30.950	PK
2			2390.000	59.886	28.980	-14.114	74.000	30.906	PK
3		*	2405.424	105.436	74.540	N/A	N/A	30.896	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 13:48
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

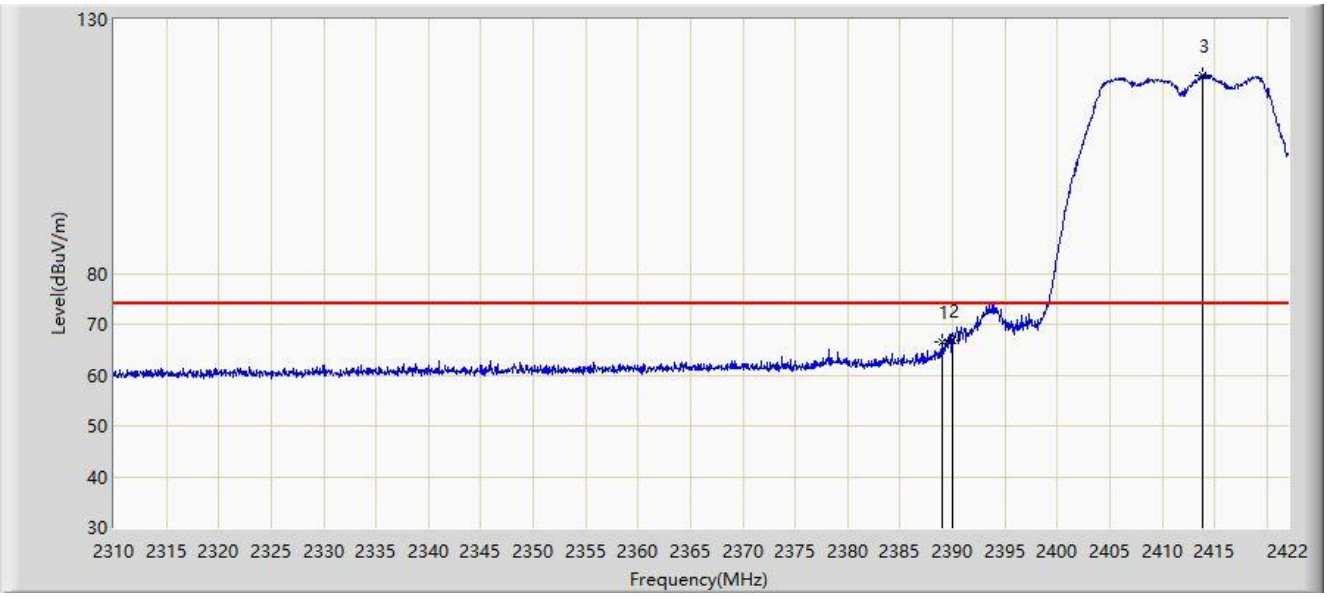


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2370.984	48.795	17.844	-5.205	54.000	30.951	AV
2			2390.000	48.926	18.020	-5.074	54.000	30.906	AV
3		*	2406.432	96.984	66.088	N/A	N/A	30.896	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 13:43
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

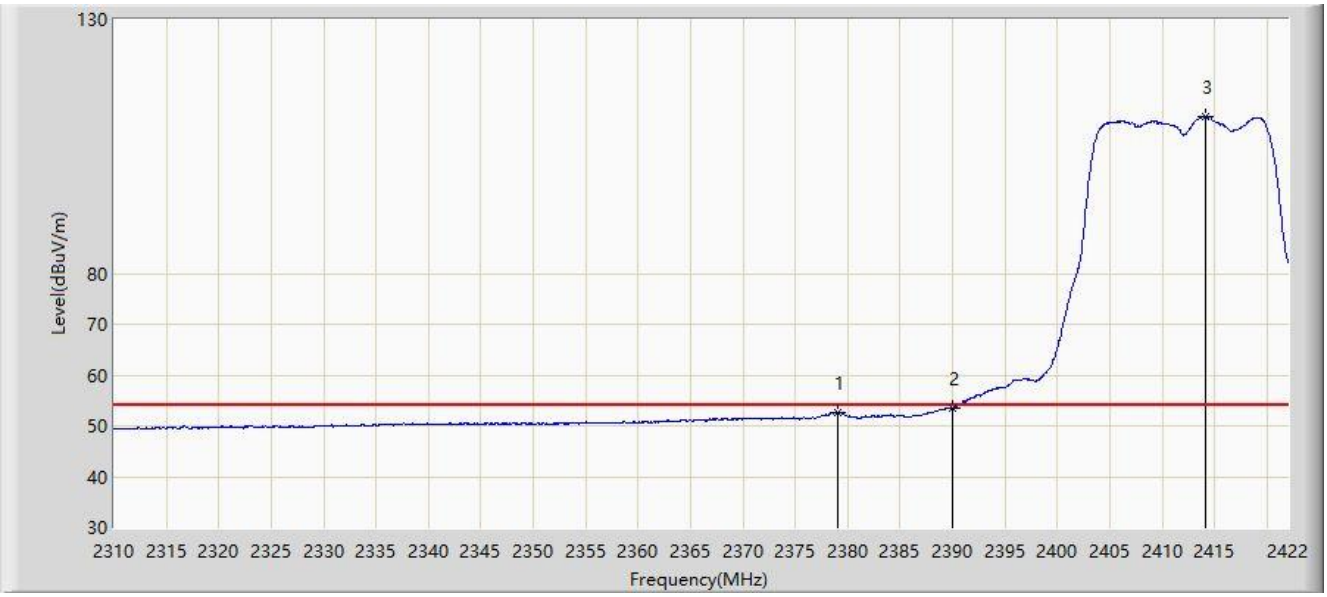


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2388.960	66.476	35.568	-7.524	74.000	30.908	PK
2			2390.000	66.875	35.969	-7.125	74.000	30.906	PK
3		*	2413.824	118.999	88.108	N/A	N/A	30.891	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 13:39
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2412MHz	

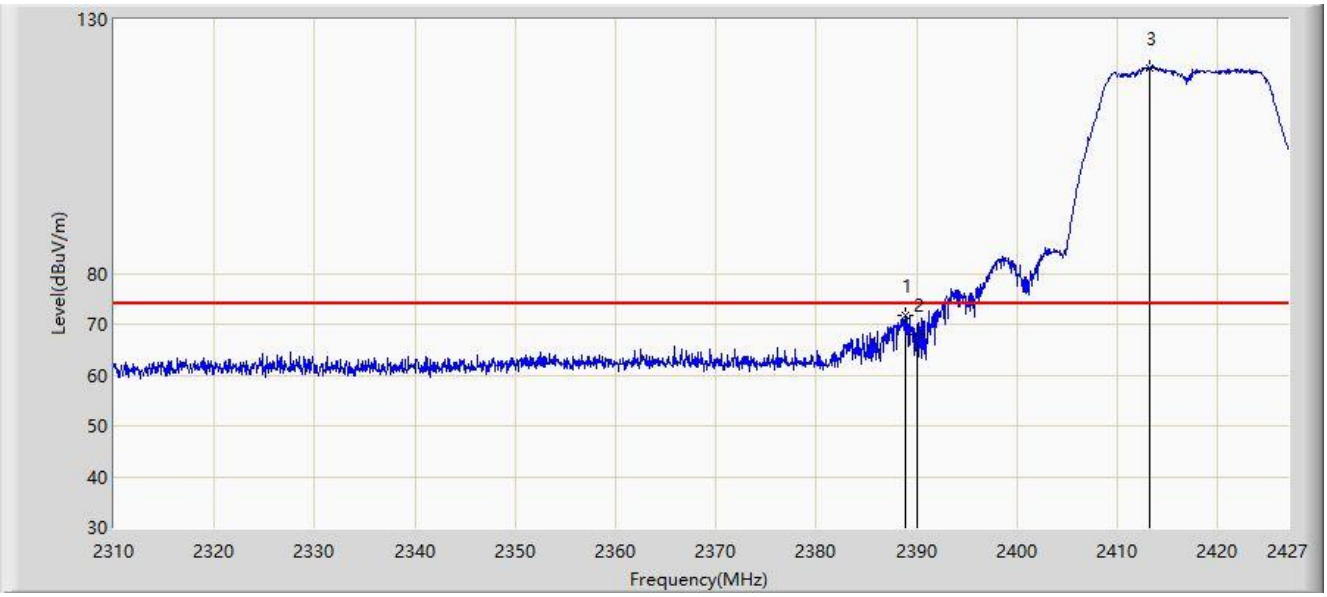


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2379.104	52.541	21.609	-1.459	54.000	30.932	AV
2			2390.000	53.434	22.528	-0.566	54.000	30.906	AV
3		*	2414.104	110.901	80.011	N/A	N/A	30.890	AV

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

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

Site: WZ-AC1	Time: 2021/07/25 - 20:50
Limit: FCC_Part15.209_RE (3m)	Engineer: Hyde Yu
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz	

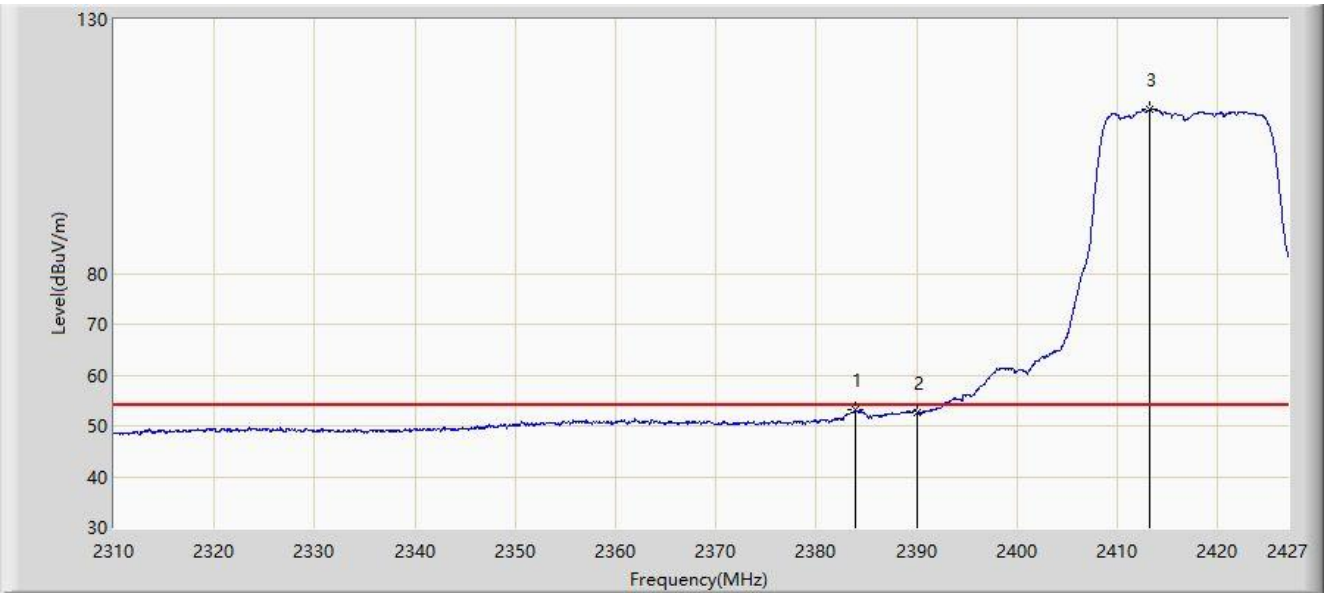


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2388.917	71.662	40.628	-2.338	74.000	31.035	PK
2			2390.000	68.042	37.009	-5.958	74.000	31.034	PK
3		*	2413.252	120.562	89.616	N/A	N/A	30.947	PK

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

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

Site: WZ-AC1	Time: 2021/07/25 - 20:49
Limit: FCC_Part15.209_RE (3m)	Engineer: Hyde Yu
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz	

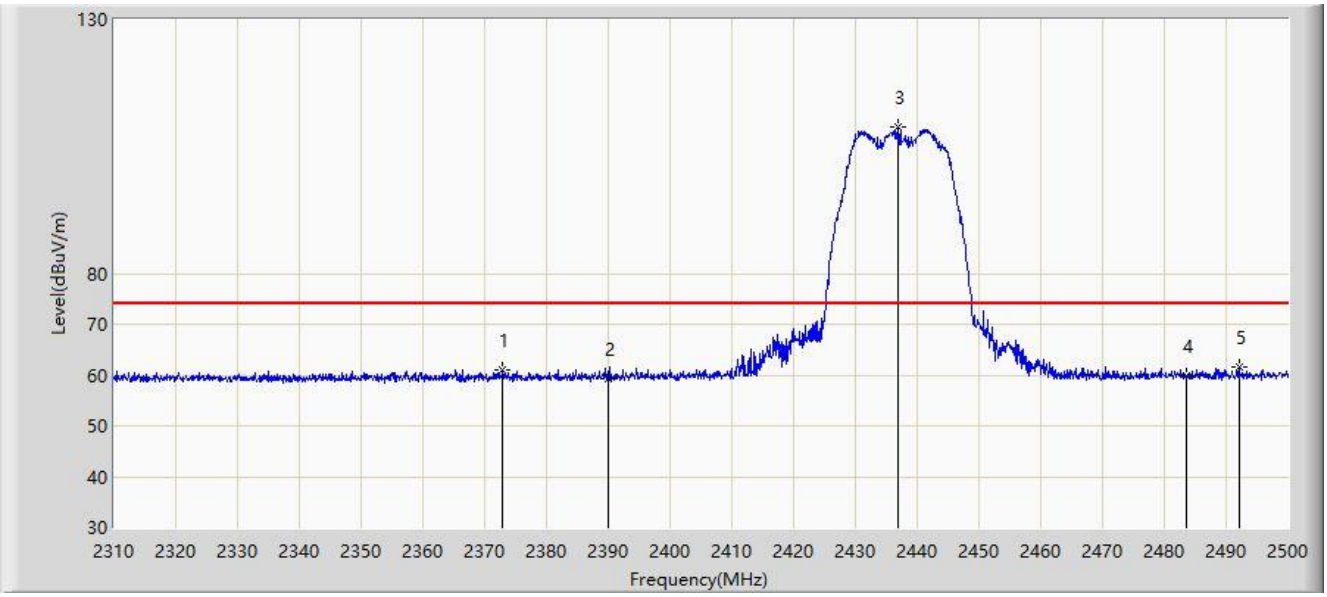


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2383.944	53.257	22.218	-0.743	54.000	31.039	AV
2			2390.000	52.710	21.677	-1.290	54.000	31.034	AV
3		*	2413.194	112.216	81.269	N/A	N/A	30.947	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 14:06
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2437MHz	

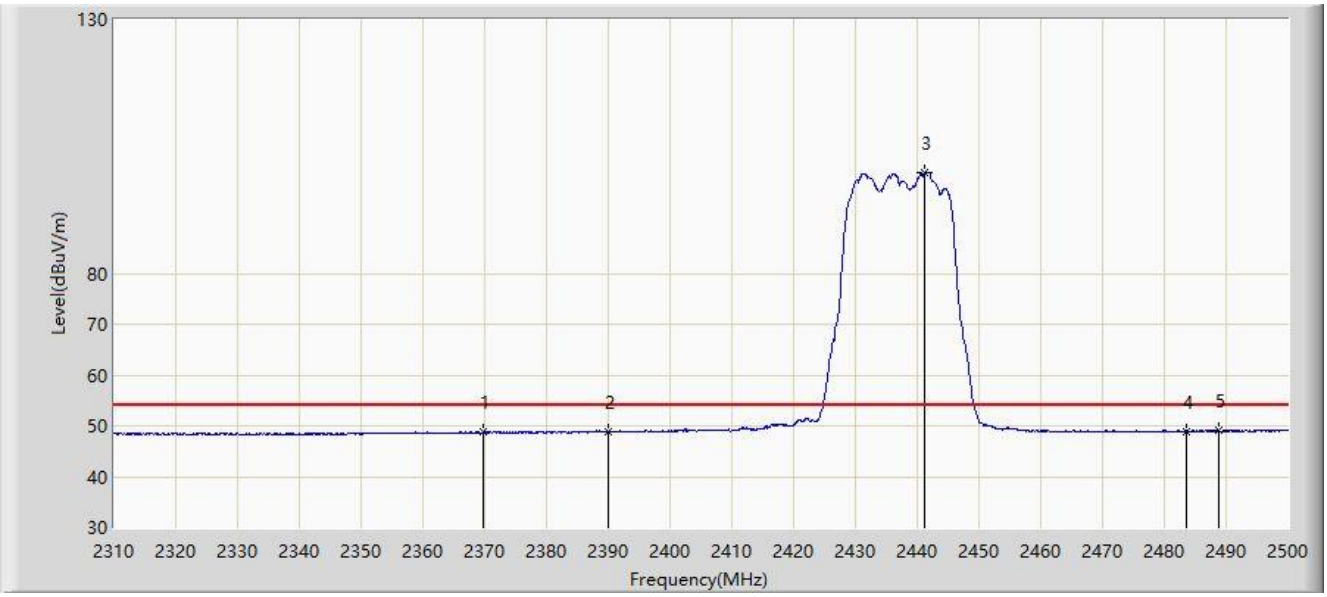


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			2372.890	60.913	29.967	-13.087	74.000	30.946	PK
2			2390.000	59.280	28.374	-14.720	74.000	30.906	PK
3		*	2436.825	108.787	77.930	N/A	N/A	30.858	PK
4			2483.500	59.761	28.873	-14.239	74.000	30.888	PK
5			2492.115	61.684	30.802	-12.316	74.000	30.882	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 14:08
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2437MHz	

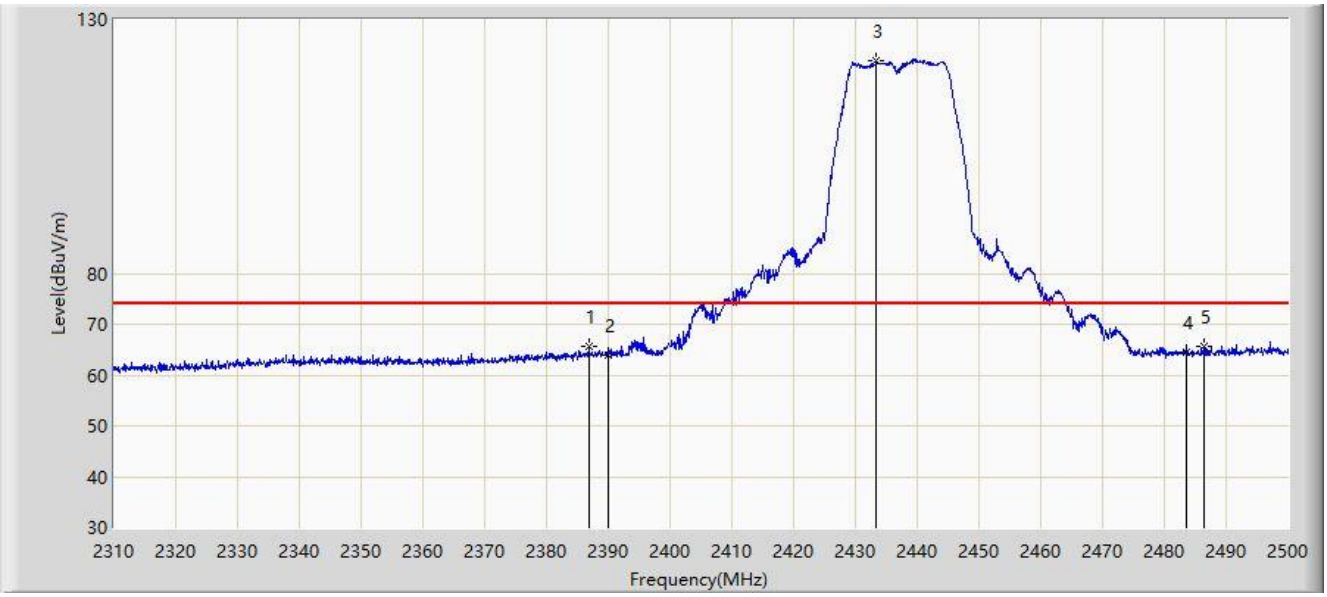


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2369.850	48.812	17.859	-5.188	54.000	30.953	AV
2			2390.000	48.865	17.959	-5.135	54.000	30.906	AV
3		*	2441.195	99.729	68.875	N/A	N/A	30.854	AV
4			2483.500	48.934	18.046	-5.066	54.000	30.888	AV
5			2488.695	49.123	18.239	-4.877	54.000	30.884	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 14:01
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2437MHz	

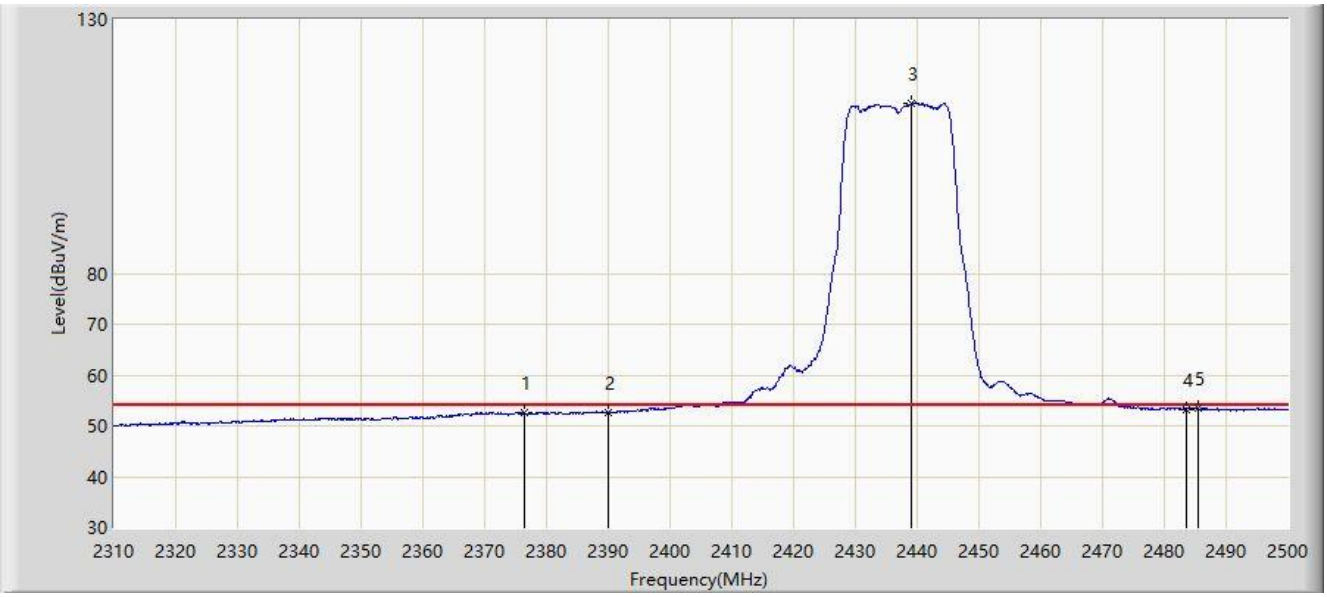


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2386.855	65.549	34.636	-8.451	74.000	30.913	PK
2			2390.000	64.029	33.123	-9.971	74.000	30.906	PK
3		*	2433.405	121.778	90.918	N/A	N/A	30.860	PK
4			2483.500	64.389	33.501	-9.611	74.000	30.888	PK
5			2486.320	65.789	34.903	-8.211	74.000	30.886	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 13:52
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2437MHz	

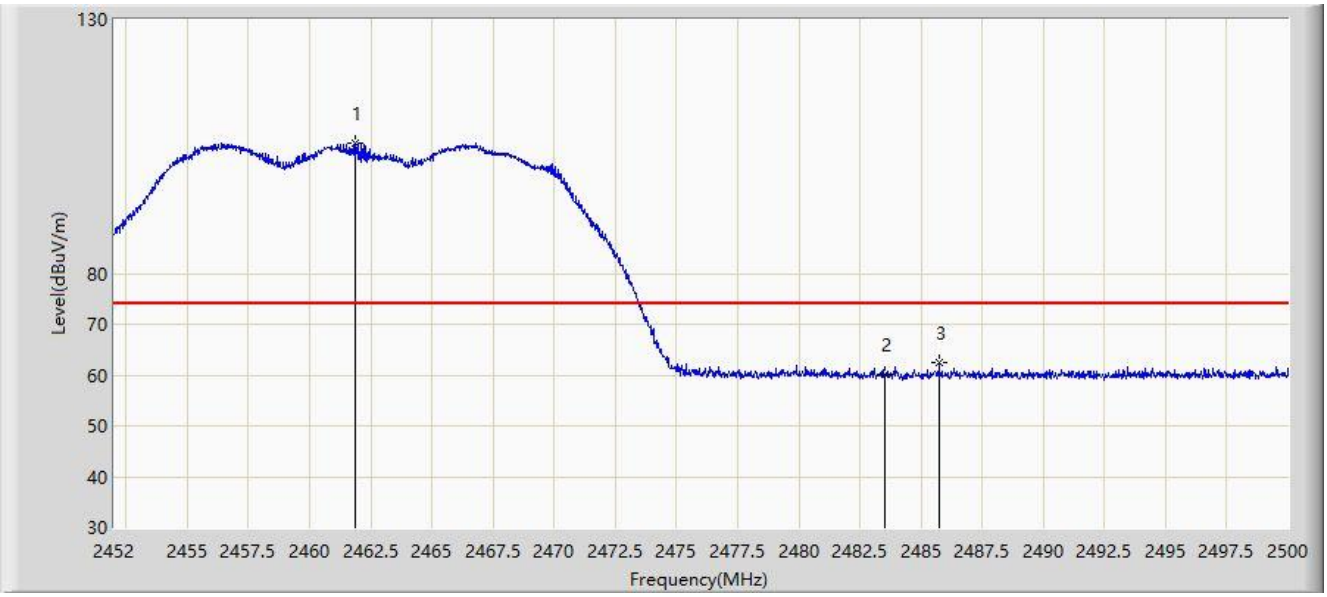


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			2376.405	52.737	21.799	-1.263	54.000	30.938	AV
2			2390.000	52.643	21.737	-1.357	54.000	30.906	AV
3	X	*	2439.105	113.471	82.616	N/A	N/A	30.856	AV
4			2483.500	53.254	22.366	-0.746	54.000	30.888	AV
5			2485.560	53.492	22.605	-0.508	54.000	30.887	AV

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

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

Site: NS-AC1	Time: 2021/04/29 - 14:50
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	

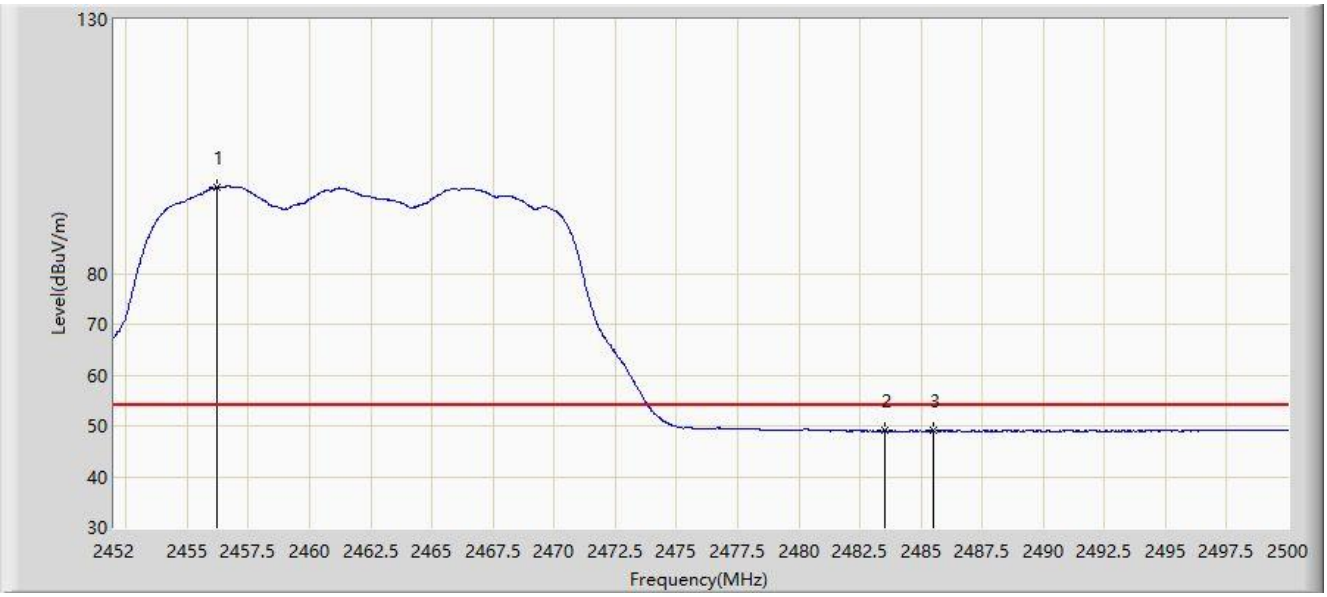


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2461.864	105.699	74.849	N/A	N/A	30.850	PK
2			2483.500	60.186	29.298	-13.814	74.000	30.888	PK
3			2485.744	62.429	31.543	-11.571	74.000	30.886	PK

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

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

Site: NS-AC1	Time: 2021/04/29 - 14:52
Limit: FCC_Part 15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: AX3000 Gigabit Wi-Fi 6 Router	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at channel 2462MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	2456.200	96.932	66.082	N/A	N/A	30.850	AV
2			2483.500	48.998	18.110	-5.002	54.000	30.888	AV
3			2485.504	49.107	18.220	-4.893	54.000	30.887	AV

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

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