RF MEASUREMENT REPORT

FCC ID:	2BH7FAX53
Applicant:	TP-Link Systems Inc.
Product:	AX3000 High Power Gigabit Wi-Fi 6 Router
Model No.:	Archer AX53HP
Brand Name:	tp-link
FCC Classification:	Digital Transmission System (DTS)
FCC Rule Part(s):	Part 15 Subpart C (Section 15.247)
Result:	Complies
Received Date:	2025-03-26
Test Date:	2025-04-21 ~ 2025-04-29

Reviewed By: Kevin Guo

Approved By: Robin Wu

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

Revision History

Report No.	Version	Description	Issue Date	Note
R25S1073033-U201	V01	Initial Report	2025-05-19	Valid

Note: This report is prepared for FCC Class II permissive change supplement based on the FCC ID: 2BH7FAX53, original grant date: 01/06/2025 to make some changes (Details refer to section 2.1 of this report).

CONTENTS

1. General Information

1.1. Applicant

TP-Link Systems Inc.

10 Mauchly, Irvine, CA 92618

1.2. Manufacturer

TP-Link Systems Inc.

10 Mauchly, Irvine, CA 92618

1.3. Testing Facility

☒	**Test Site – MRT Suzhou Laboratory**				
	Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China **Laboratory Location (Suzhou - SIP)** 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China **Laboratory Location (Suzhou - Wujiang)** Building 1, No.1 Xingdong Road, Wujiang, Suzhou, Jiangsu, People's Republic of China				
	Laboratory Accreditations				
	A2LA: 3628.01		CNAS: L10551		
	FCC: CN1166		ISED: CN0001		
	VCCI:	☐R-20025	☐G-20034	☐C-20020	☐T-20020
		☐R-20141	☐G-20134	☐C-20103	☐T-20104
☐	**Test Site – MRT Shenzhen Laboratory**				
	Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China				
	Laboratory Accreditations				
	A2LA: 3628.02		CNAS: L10551		
	FCC: CN1284		ISED: CN0105		
☐	**Test Site – MRT Taiwan Laboratory**				
	Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)				
	Laboratory Accreditations				
	TAF: 3261				
	FCC: 291082, TW3261		ISED: TW3261		

1.4. Product Information

Product Name	AX3000 High Power Gigabit Wi-Fi 6 Router
Model No.	Archer AX53HP
EUT Identification	20250326Sample#04 (Radiated) 20250326Sample#05 (Conducted)
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Antenna Information	Refer to section 1.7
Operating Environment	Indoor Use
Working Voltage	By Adapter
Accessory	
Adapter	Model: T120150-2B1 Input: 100-240V ~ 50/60Hz 0.6A Output: 12V=1.5A
Remark: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

1.5. Radio Specification under Test

Frequency Range	802.11b/g/n-HT20/ax-HE20: 2412 ~ 2462MHz 802.11n-HT40/ax-HE40: 2422 ~ 2452MHz	
Channel Number	802.11b/g/n-HT20/ax-HE20: 11 802.11n-HT40/ax-HE40: 7	
Type of Modulation	802.11b: DSSS 802.11g/n: OFDM 802.11ax: OFDMA	
Data Rate	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ax: up to 574Mbps	
Channel Puncturing Function	☐ Supported	☒ Unsupported
Support RU	☒ Full RU	☐ Partial RU

1.6. Working Frequencies

802.11b/g/n-HT20/ax-HE20

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz
04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz
10	2457 MHz	11	2462 MHz	--	--

802.11n-HT40/ax-HE40

Channel	Frequency	Channel	Frequency	Channel	Frequency
03	2422 MHz	04	2427 MHz	05	2432 MHz
06	2437 MHz	07	2442 MHz	08	2447 MHz
09	2452 MHz	--	--	--	--

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	T_X Paths	Antenna Gain (dBi)		Beamforming Directional Gain (dBi)	CDD Directional Gain (dBi)	
			Ant 0	Ant 1		For Power	For PSD
Dipole	2400 ~ 2483.5	2	6.17	5.22	8.08	6.17	8.08
	5150 ~ 5250	2	8.08	8.15	9.57	8.08	9.57
	5250 ~ 5350	2	7.34	7.13	9.28	7.34	9.28
	5470 ~ 5725	2	6.38	6.54	8.70	6.38	8.70
	5725 ~ 5950	2	6.84	6.66	8.93	6.84	8.93

Remark:

1. The device supports CDD Mode and Beamforming mode, details refer to the table as below.
2. CDD signals are correlated, the directional gain as follows,
   for power measurements: Array Gain = 0 dB for $N_{ANT} \leq 4$, the directional gain = max antenna gain + array gain;
   For power spectral density (PSD) measurements: the max directional gain (each angle) = $10 \log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$
3. Beamforming signals are correlated, the directional gain as follows,
   the max directional gain (each angle) = $10 \log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$
4. The information as above is from the antenna report.

2. Test Configuration

2.1. Test Mode

CDD Mode
Mode 1: Transmit by 802.11b _N_{SS}=1 (1Mbps)
Mode 2: Transmit by 802.11g _N_{SS}=1 (6Mbps)
Mode 3: Transmit by 802.11ax-HE20 _N_{SS}=1 (MCS0)
Mode 4: Transmit by 802.11ax-HE40 _N_{SS}=1 (MCS0)
Notes: 1. For Radiated emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power. 2. For beamforming operation, the manufacturer automatically reduces power based on a factor calculated as the difference between the beamforming directional gain and the CDD directional power gain. Thus, only the CDD mode was evaluated in this report. 3. 802.11n, 802.11ac, 802.11ax have similar modulation type and same power parameter, the power of 802.11n, 802.11ac are slightly less than the power of 802.11ax, so we only show 802.11ax test data in report. 4. EUT supports one configuration only in 802.11ax full RU mode. 5. As Designated by manufacturer, the lowest data rate was the worst condition, so all the tests were done with lowest data rate.

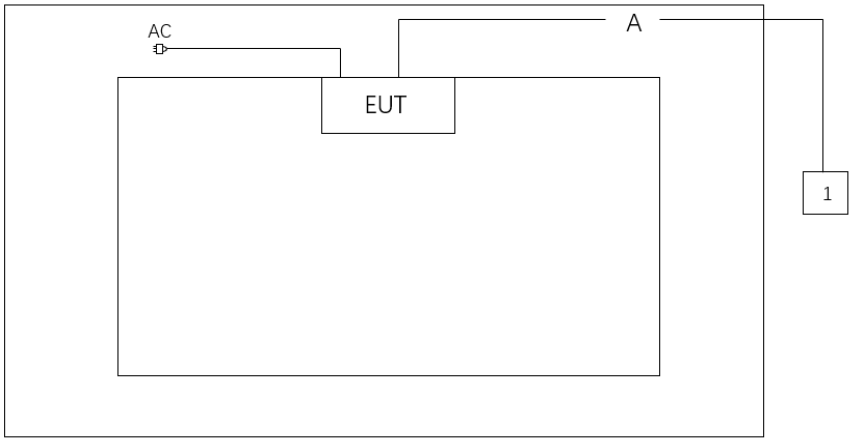
Change List	Verified Test Item	Remark
1. Change model name and Product name 2. Change the RJ45 transformer 3. Change the antennas (have the higher antenna gain)	Output Power	Conduct a full test and ensure that the result is not greater than the original value.
	Radiated Emission	Conduct a full test
	Radiated Restricted Band Edge	Conduct a full test

Note: This product is an extension based on the FCC ID: 2BH7FAX53, original grant date: 01/06/2025, the changes and verified item refer to the table as above.

2.2. Test System Connection Diagram

The device was tested per the guidance ANSI C63.10: 2013 was used to reference the appropriate EUT setup for radiated emissions testing and AC line conducted testing.

Connection Diagram – Radiated Emission testing & AC Conducted Emissions



Cable Type		Cable Description	Length
A	LAN Cable	Non shielded	> 10 m
Product		**Manufacturer**	**Model No.**
1	Notebook	DELL	Latitude5491

2.3. Test Software

The test utility software used during testing was “QSPR”, and the version was v1.5.

2.4. Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15.247
- KDB 558074 D01v05r02
- KDB 662911 D01v02r01
- ANSI C63.10-2013

2.5. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20 ~ 75%RH

3. Antenna Requirements

Excerpt from §15.203 of the FCC Rules/Regulations:

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section."

- The antenna of the device is **permanently attached.**
- There are no provisions for connection to an external antenna.

Conclusion:

The unit complies with the requirement of §15.203.

4. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
Thermohygrometer	testo	608-H1	MRTSUE06402	1 year	2025-05-12 2026-04-24	WZ-SR5
Shielding Room	HUAMING	WZ-SR5	MRTSUE06442	N/A	N/A	WZ-SR5
Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2025-05-08 2026-04-26	WZ-SR5
Attenuator	MVE	MVE2213	MRTSUE11079	1 year	2025-06-05	WZ-SR5
Attenuator	MVE	MVE2213	MRTSUE11085	1 year	2025-06-05	WZ-SR5
Thermohygrometer	testo	608-H1	MRTSUE11039	1 year	2025-10-16	WZ-AC1
Preamplifier	Agilent	83017A	MRTSUE06076	1 year	2025-11-08	WZ-AC1
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06023	1 year	2025-07-26	WZ-AC1
Anechoic Chamber	TDK	WZ-AC1	MRTSUE06212	1 year	2026-04-17	WZ-AC1
Signal Analyzer	Keysight	N9010B	MRTSUE06607	1 year	2025-10-13	WZ-AC1/WZ-AC2
EMI Test Receiver	Agilent	N9038A	MRTSUE06125	1 year	2025-05-08 2026-04-26	WZ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11263	1 year	2025-10-16	WZ-AC2
Loop Antenna	Schwarzbeck	FMZB 1519 B	MRTSUE06937	1 year	2026-01-04	WZ-AC2
TRILOG Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2026-03-22	WZ-AC2
Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2025-05-06	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2025-09-23	WZ-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06640	1 year	2026-01-09	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06597	1 year	2025-11-03	WZ-AC2
Anechoic Chamber	RIKEN	WZ-AC2	MRTSUE06213	1 year	2026-04-17	WZ-AC2

Software	Version	Function
e3	230711	RE & CE
Controller_MF 7802	2.03C	RE Antenna & Turntable
Controller_MF 7802	1.02	RE Antenna & Turntable
BenchVue Power Meter	2018.1	Power

5. Decision Rules and Measurement Uncertainty

5.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

AC Conducted Emission Measurement
The maximum measurement uncertainty is evaluated as: 9kHz~150kHz: 3.58dB 150kHz~30MHz: 3.20dB
Radiated Emission Measurement
The maximum measurement uncertainty is evaluated as: Coaxial: 9kHz~30MHz: 2.35dB Coplanar: 9kHz~30MHz: 2.37dB Horizontal: 30MHz~200MHz: 3.47dB 200MHz~1GHz: 4.17dB 1GHz~40GHz: 4.97dB Vertical: 30MHz~200MHz: 4.07dB 200MHz~1GHz: 5.28dB 1GHz~40GHz: 4.84dB
Spurious Emissions, Conducted
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 2.5dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 1.5dB
Power Spectrum Density
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 2.5dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 3.2%

6. Test Result

6.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
15.247(b)(3)	Output Power	Conducted	Pass
15.205 15.209	General Field Strength (Restricted Bands and Radiated Emission)	Radiated	Pass

Notes:

1. The analyzer plots shown in this section were captured using a correction table to account for cable and attenuator losses in the system connecting the EUT to the analyzer across relevant frequencies.
2. For radiated emission tests, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.

6.2. Output Power Measurement

6.2.1. Test Limit

The maximum output power shall be less 1 Watt (30dBm).

The conducted output power limit specified in paragraph FCC Part 15.247(b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs FCC Part 15.247(b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

6.2.2. Test Procedure

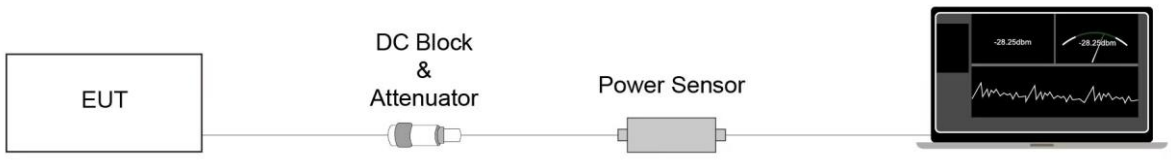
ANSI C63.10 - 2013 - Section 11.9.2.3.2

6.2.3. Test Setting

Average Power Measurement

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.

6.2.4. Test Setup



6.2.5. Test Result

Refer to Appendix A.1.

6.3. Radiated Spurious Emission Measurement

6.3.1. 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 [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

6.3.2. Test Procedure

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)

6.3.3. 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

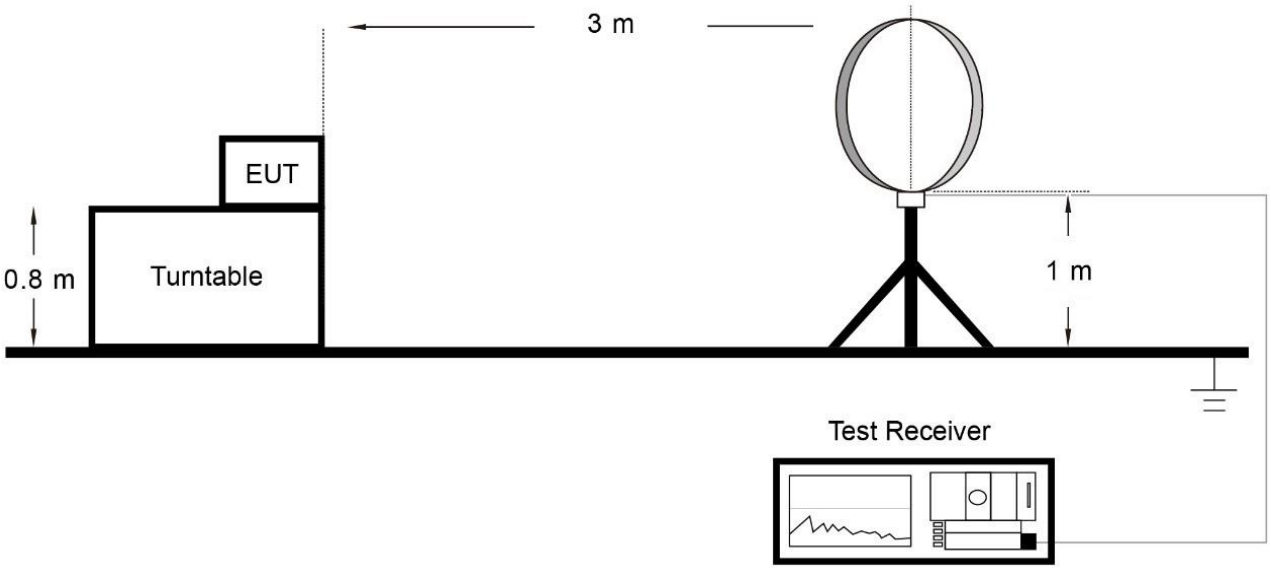
Average Measurements above 1GHz (Method VB)

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 = 10Hz

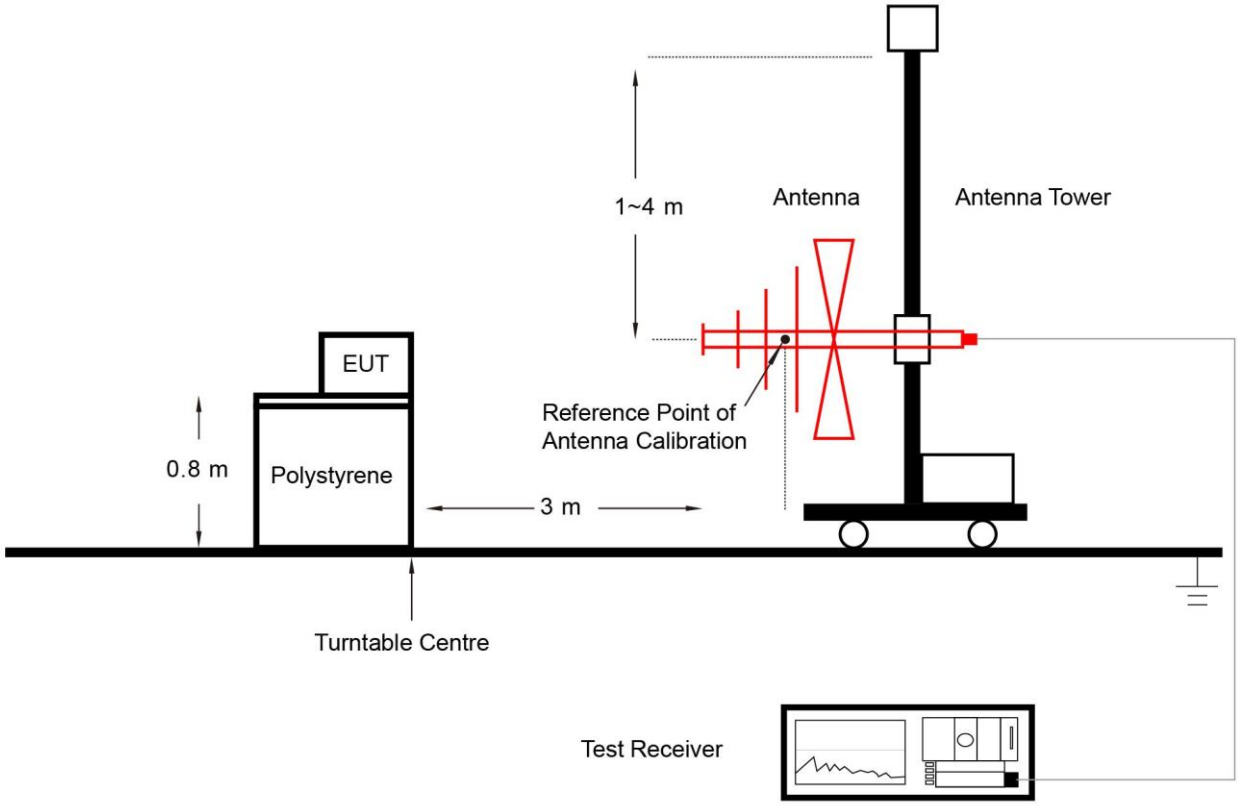
   If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display 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. Trace was allowed to stabilize

6.3.4. Test Setup

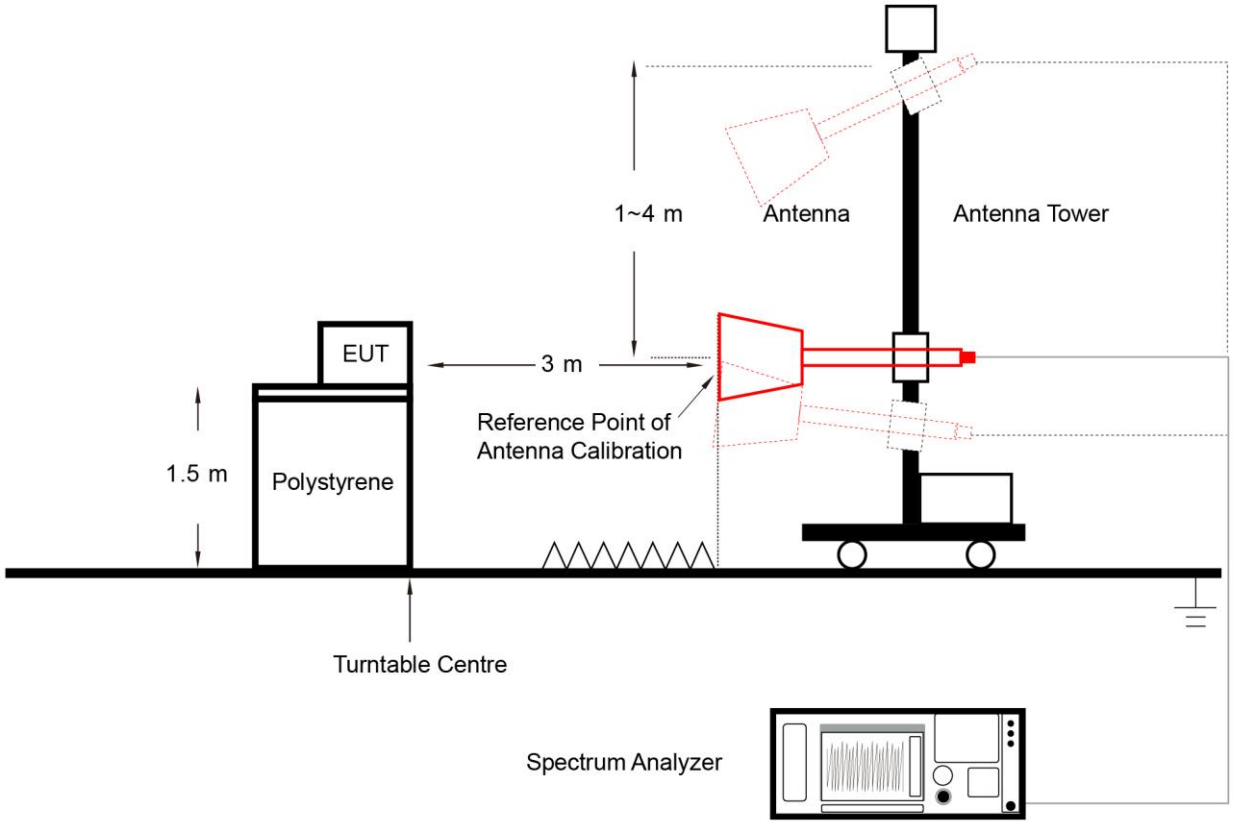
Below 30MHz Test Setup:



Below 1GHz Test Setup:



Above 1GHz Test Setup:



6.3.5. Test Result

Refer to Appendix A.2.

6.4. Radiated Restricted Band Edge Measurement

6.4.1. 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 [μV/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

6.4.2. Test Procedure

ANSI C63.10-2013 Section 6.3 & 6.6 & 11.13

6.4.3. Test Setting

Peak Field Strength Measurements

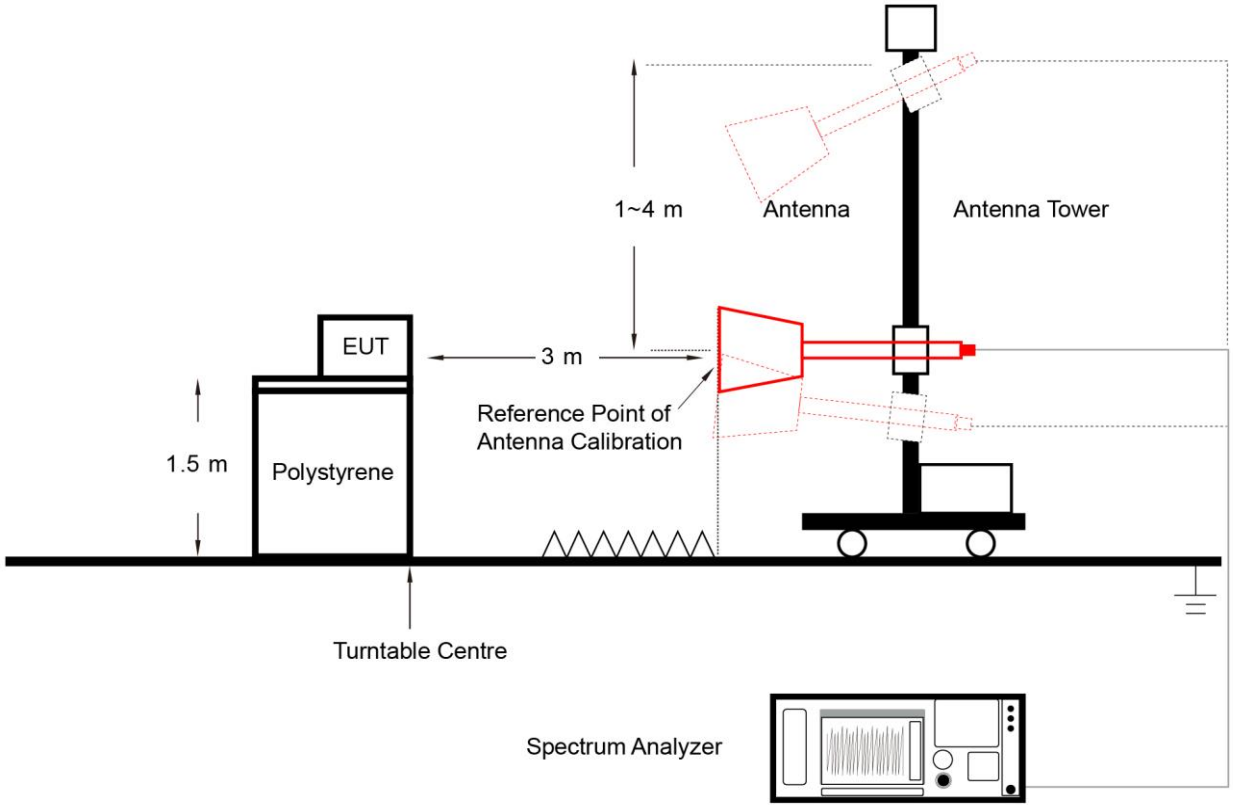
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

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; 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. 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

6.4.4. Test Setup



6.4.5. Test Result

Refer to Appendix A.3.

Appendix A – Test Result

A.1 Output Power Test Result

Test Site	WZ-SR5	Test Engineer	Luis Yang
Test Date	2025-04-25 ~ 2025-04-28	Test Mode	CDD Mode

Test Mode	Data Rate / MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Limit (dBm)
				Ant 0	Ant 1		
11b	1Mbps	01	2412	22.72	22.68	25.71	≤ 30.00
11b	1Mbps	02	2417	23.67	23.65	26.67	≤ 30.00
11b	1Mbps	06	2437	26.65	26.20	29.44	≤ 30.00
11b	1Mbps	10	2457	23.74	23.68	26.72	≤ 30.00
11b	1Mbps	11	2462	21.75	21.70	24.74	≤ 30.00
11g	6Mbps	01	2412	19.85	19.82	22.85	≤ 30.00
11g	6Mbps	02	2417	20.65	20.73	23.70	≤ 30.00
11g	6Mbps	03	2422	22.67	22.75	25.72	≤ 30.00
11g	6Mbps	06	2437	25.75	25.65	28.71	≤ 30.00
11g	6Mbps	08	2447	23.65	23.57	26.62	≤ 30.00
11g	6Mbps	09	2452	21.86	21.57	24.73	≤ 30.00
11g	6Mbps	10	2457	19.04	19.12	22.09	≤ 30.00
11g	6Mbps	11	2462	18.33	18.46	21.41	≤ 30.00
11ax-HE20	MCS0	01	2412	17.88	17.83	20.87	≤ 30.00
11ax-HE20	MCS0	02	2417	19.67	19.75	22.72	≤ 30.00
11ax-HE20	MCS0	03	2422	22.13	22.16	25.16	≤ 30.00
11ax-HE20	MCS0	04	2427	23.76	23.68	26.73	≤ 30.00
11ax-HE20	MCS0	05	2432	25.76	25.56	28.67	≤ 30.00
11ax-HE20	MCS0	06	2437	26.43	26.75	29.60	≤ 30.00
11ax-HE20	MCS0	07	2442	24.31	24.66	27.50	≤ 30.00
11ax-HE20	MCS0	08	2447	22.13	22.17	25.16	≤ 30.00
11ax-HE20	MCS0	09	2452	20.65	20.77	23.72	≤ 30.00
11ax-HE20	MCS0	10	2457	18.03	18.10	21.08	≤ 30.00
11ax-HE20	MCS0	11	2462	16.51	16.73	19.63	≤ 30.00
11ax-HE40	MCS0	03	2422	15.76	15.96	18.87	≤ 30.00
11ax-HE40	MCS0	04	2417	16.54	16.46	19.51	≤ 30.00
11ax-HE40	MCS0	06	2437	19.50	19.43	22.48	≤ 30.00
11ax-HE40	MCS0	09	2452	16.38	16.69	19.55	≤ 30.00

Note: Total Average Power (dBm) = $10*\log\{10^{(\text{Ant 0 Average Power }/10)} + 10^{(\text{Ant 1 Average Power }/10)}\}$ (dBm).

A.2 Radiated Spurious Emission Test Result

Test Site	WZ-AC1	Test Engineer	Jerry Lu
Test Date	2025-04-26	Test Mode	802.11b
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	9316.40	36.58	13.69	50.27	74.00	-23.73	Peak	Horizontal
	10846.40	24.61	15.25	39.86	54.00	-14.14	Average	Horizontal
	10846.40	36.52	15.25	51.77	74.00	-22.23	Peak	Horizontal
	17981.30	24.25	22.65	46.90	54.00	-7.10	Average	Horizontal
	17981.30	35.60	22.65	58.25	74.00	-15.75	Peak	Horizontal
	9379.30	36.11	13.71	49.82	74.00	-24.18	Peak	Vertical
	11485.60	36.43	14.32	50.75	74.00	-23.25	Peak	Vertical
	17988.10	23.59	22.75	46.34	54.00	-7.66	Average	Vertical
	17988.10	35.62	22.75	58.37	74.00	-15.63	Peak	Vertical
06	9464.30	35.79	13.68	49.47	74.00	-24.53	Peak	Horizontal
	11572.30	36.80	14.07	50.87	74.00	-23.13	Peak	Horizontal
	17983.00	23.59	22.71	46.30	54.00	-7.70	Average	Horizontal
	17983.00	34.46	22.71	57.17	74.00	-16.83	Peak	Horizontal
	9340.20	35.90	13.41	49.31	74.00	-24.69	Peak	Vertical
	10967.10	24.35	15.13	39.48	54.00	-14.52	Average	Vertical
	10967.10	36.54	15.13	51.67	74.00	-22.33	Peak	Vertical
	17994.90	23.17	22.81	45.98	54.00	-8.02	Average	Vertical
	17994.90	35.43	22.81	58.24	74.00	-15.76	Peak	Vertical
11	9401.40	34.92	13.65	48.57	74.00	-25.43	Peak	Horizontal
	11133.70	36.15	14.48	50.63	74.00	-23.37	Peak	Horizontal
	17988.10	23.81	22.75	46.56	54.00	-7.44	Average	Horizontal
	17988.10	34.94	22.75	57.69	74.00	-16.31	Peak	Horizontal
	9379.30	35.17	13.71	48.88	74.00	-25.12	Peak	Vertical
	10967.10	35.78	15.13	50.91	74.00	-23.09	Peak	Vertical
	17957.50	23.49	22.07	45.56	54.00	-8.44	Average	Vertical
	17957.50	35.22	22.07	57.29	74.00	-16.71	Peak	Vertical

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

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

Test Site	WZ-AC1	Test Engineer	Jerry Lu
Test Date	2025-04-26	Test Mode	802.11g
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.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	9324.90	35.65	13.59	49.24	74.00	-24.76	Peak	Horizontal
	11269.70	36.28	14.25	50.53	74.00	-23.47	Peak	Horizontal
	17993.20	23.65	22.80	46.45	54.00	-7.55	Average	Horizontal
	17993.20	34.61	22.80	57.41	74.00	-16.59	Peak	Horizontal
	4825.00	45.21	3.48	48.69	54.00	-5.31	Average	Vertical
	4825.00	47.63	3.48	51.11	74.00	-22.89	Peak	Vertical
	11128.60	36.05	14.51	50.56	74.00	-23.44	Peak	Vertical
	17996.60	24.16	22.83	46.99	54.00	-7.01	Average	Vertical
	17996.60	34.08	22.83	56.91	74.00	-17.09	Peak	Vertical
06	4876.00	43.14	3.32	46.46	54.00	-7.54	Average	Horizontal
	4876.00	52.75	3.32	56.07	74.00	-17.93	Peak	Horizontal
	10871.90	24.17	15.23	39.40	54.00	-14.60	Average	Horizontal
	10871.90	36.01	15.23	51.24	74.00	-22.76	Peak	Horizontal
	17996.60	23.55	22.83	46.38	54.00	-7.62	Average	Horizontal
	17996.60	34.22	22.83	57.05	74.00	-16.95	Peak	Horizontal
	4876.00	49.52	3.32	52.84	54.00	-1.16	Average	Vertical
	4876.00	55.58	3.32	58.90	74.00	-15.10	Peak	Vertical
	7312.10	38.38	8.82	47.20	54.00	-6.80	Average	Vertical
	7312.10	45.13	8.82	53.95	74.00	-20.05	Peak	Vertical
	17988.10	34.84	22.75	57.59	74.00	-16.41	Peak	Vertical
11	9355.50	35.23	13.57	48.80	74.00	-25.20	Peak	Horizontal
	11398.90	35.27	14.40	49.67	74.00	-24.33	Peak	Horizontal
	17998.30	23.67	22.84	46.51	54.00	-7.49	Average	Horizontal
	17998.30	34.83	22.84	57.67	74.00	-16.33	Peak	Horizontal
	4923.60	39.96	3.65	43.61	54.00	-10.39	Average	Vertical
	4923.60	48.58	3.65	52.23	74.00	-21.77	Peak	Vertical
	10943.30	35.13	15.19	50.32	74.00	-23.68	Peak	Vertical
	17974.50	24.16	22.43	46.59	54.00	-7.41	Average	Vertical
	17974.50	35.54	22.43	57.97	74.00	-16.03	Peak	Vertical

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

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

Test Site	WZ-AC1	Test Engineer	Jerry Lu
Test Date	2025-04-26 ~ 2025-04-27	Test Mode	802.11ax-HE20
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.		

Test Channel	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
01	9391.20	34.83	13.54	48.37	74.00	-25.63	Peak	Horizontal
	10650.90	35.14	15.09	50.23	74.00	-23.77	Peak	Horizontal
	17962.60	23.51	22.12	45.63	54.00	-8.37	Average	Horizontal
	17962.60	35.33	22.12	57.45	74.00	-16.55	Peak	Horizontal
	9381.00	34.31	13.69	48.00	74.00	-26.00	Peak	Vertical
	10919.50	35.67	15.21	50.88	74.00	-23.12	Peak	Vertical
	17983.00	24.27	22.71	46.98	54.00	-7.02	Average	Vertical
	17983.00	34.91	22.71	57.62	74.00	-16.38	Peak	Vertical
06	4879.40	47.59	3.30	50.89	54.00	-3.11	Average	Horizontal
	4879.40	53.14	3.30	56.44	74.00	-17.56	Peak	Horizontal
	11266.30	36.15	14.23	50.38	74.00	-23.62	Peak	Horizontal
	17989.80	23.59	22.77	46.36	54.00	-7.64	Average	Horizontal
	17989.80	34.16	22.77	56.93	74.00	-17.07	Peak	Horizontal
	4865.80	49.41	3.34	52.75	54.00	-1.25	Average	Vertical
	4865.80	59.49	3.34	62.83	74.00	-11.17	Peak	Vertical
	7313.80	40.58	8.84	49.42	54.00	-4.58	Average	Vertical
	7313.80	49.47	8.84	58.31	74.00	-15.69	Peak	Vertical
	17909.90	23.21	21.52	44.73	54.00	-9.27	Average	Vertical
	17909.90	35.74	21.52	57.26	74.00	-16.74	Peak	Vertical
11	9319.80	35.19	13.67	48.86	74.00	-25.14	Peak	Horizontal
	10975.60	35.05	15.12	50.17	74.00	-23.83	Peak	Horizontal
	17984.70	24.43	22.73	47.16	54.00	-6.84	Average	Horizontal
	17984.70	34.42	22.73	57.15	74.00	-16.85	Peak	Horizontal
	9421.80	35.37	13.71	49.08	74.00	-24.92	Peak	Vertical
	11036.80	35.59	14.86	50.45	74.00	-23.55	Peak	Vertical
	17981.30	24.31	22.65	46.96	54.00	-7.04	Average	Vertical
	17981.30	34.76	22.65	57.41	74.00	-16.59	Peak	Vertical

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

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

Test Site	WZ-AC1	Test Engineer	Jerry Lu
Test Date	2025-04-27	Test Mode	802.11ax-HE40
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.		

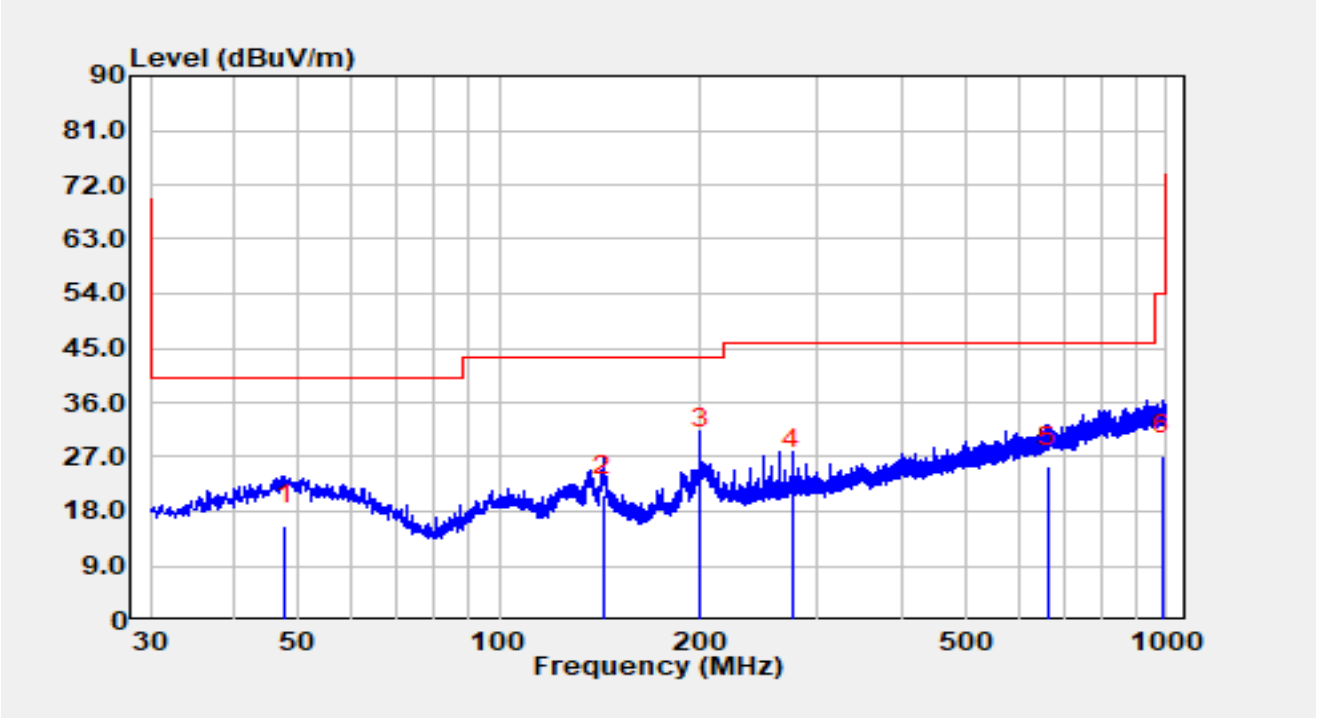
Test Channel	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
03	9353.80	34.74	13.55	48.29	74.00	-25.71	Peak	Horizontal
	10895.70	35.46	15.16	50.62	74.00	-23.38	Peak	Horizontal
	17984.70	23.76	22.73	46.49	54.00	-7.51	Average	Horizontal
	17984.70	34.55	22.73	57.28	74.00	-16.72	Peak	Horizontal
	9319.80	34.75	13.67	48.42	74.00	-25.58	Peak	Vertical
	11057.20	35.19	14.74	49.93	74.00	-24.07	Peak	Vertical
	17959.20	24.26	22.08	46.34	54.00	-7.66	Average	Vertical
	17959.20	35.11	22.08	57.19	74.00	-16.81	Peak	Vertical
06	9311.30	34.66	13.69	48.35	74.00	-25.65	Peak	Horizontal
	10887.20	35.57	15.20	50.77	74.00	-23.23	Peak	Horizontal
	17972.80	23.76	22.37	46.13	54.00	-7.87	Average	Horizontal
	17972.80	35.19	22.37	57.56	74.00	-16.44	Peak	Horizontal
	4874.30	44.22	3.32	47.54	74.00	-26.46	Peak	Vertical
	10960.30	35.21	15.15	50.36	74.00	-23.64	Peak	Vertical
	17969.40	24.22	22.26	46.48	54.00	-7.52	Average	Vertical
	17969.40	34.74	22.26	57.00	74.00	-17.00	Peak	Vertical
09	9338.50	34.98	13.39	48.37	74.00	-25.63	Peak	Horizontal
	10958.60	34.53	15.15	49.68	74.00	-24.32	Peak	Horizontal
	17949.00	23.61	21.98	45.59	54.00	-8.41	Average	Horizontal
	17949.00	34.50	21.98	56.48	74.00	-17.52	Peak	Horizontal
	9420.10	33.87	13.72	47.59	74.00	-26.41	Peak	Vertical
	11308.80	35.71	14.27	49.98	74.00	-24.02	Peak	Vertical
	17994.90	23.87	22.81	46.68	54.00	-7.32	Average	Vertical
	17994.90	34.19	22.81	57.00	74.00	-17.00	Peak	Vertical

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

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

The Result of Radiated Emission below 1GHz:

Site	WZ-AC2	Test Date	2025-04-23
Temperature	24.5 °C	Humidity	49.7 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Dick Shen
Factor	VULB 9162_00047	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		47.65	-4.83	20.51	15.68	-24.32	40.00	QP
2		143.30	5.59	15.11	20.70	-22.80	43.50	QP
3	*	200.04	9.05	19.20	28.25	-15.25	43.50	QP
4		275.02	4.59	20.38	24.98	-21.02	46.00	QP
5		663.90	-3.12	28.47	25.34	-20.66	46.00	QP
6		986.61	-4.84	32.11	27.27	-26.73	54.00	QP

Notes:

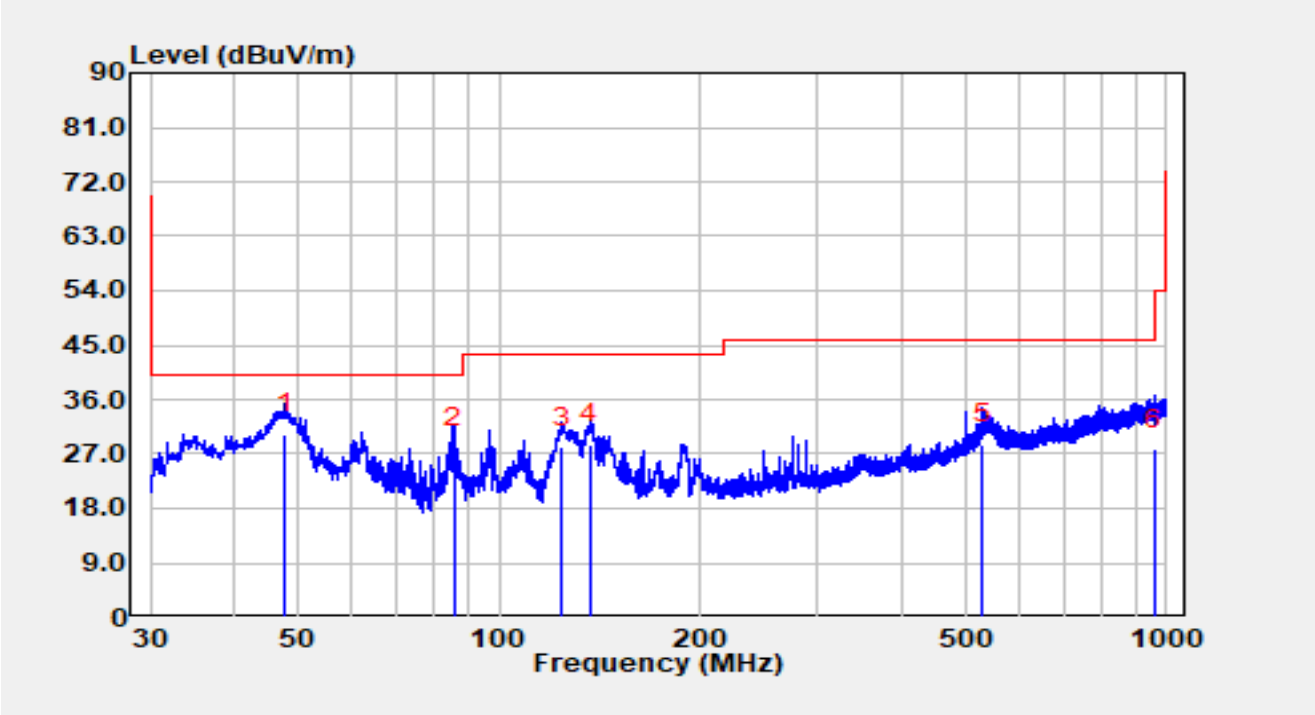
1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

4. 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-AC2	Test Date	2025-04-23
Temperature	24.5 °C	Humidity	49.7 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Dick Shen
Factor	VULB 9162_00047	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	47.75	9.83	20.50	30.32	-9.68	40.00	QP
2		85.58	13.10	14.94	28.04	-11.96	40.00	QP
3		124.19	12.09	16.09	28.19	-15.31	43.50	QP
4		136.99	13.44	15.20	28.64	-14.86	43.50	QP
5		531.20	2.94	25.64	28.58	-17.42	46.00	QP
6		957.13	-3.80	31.64	27.84	-18.16	46.00	QP

Notes:

1. " * ", means this data is the worst emission level.

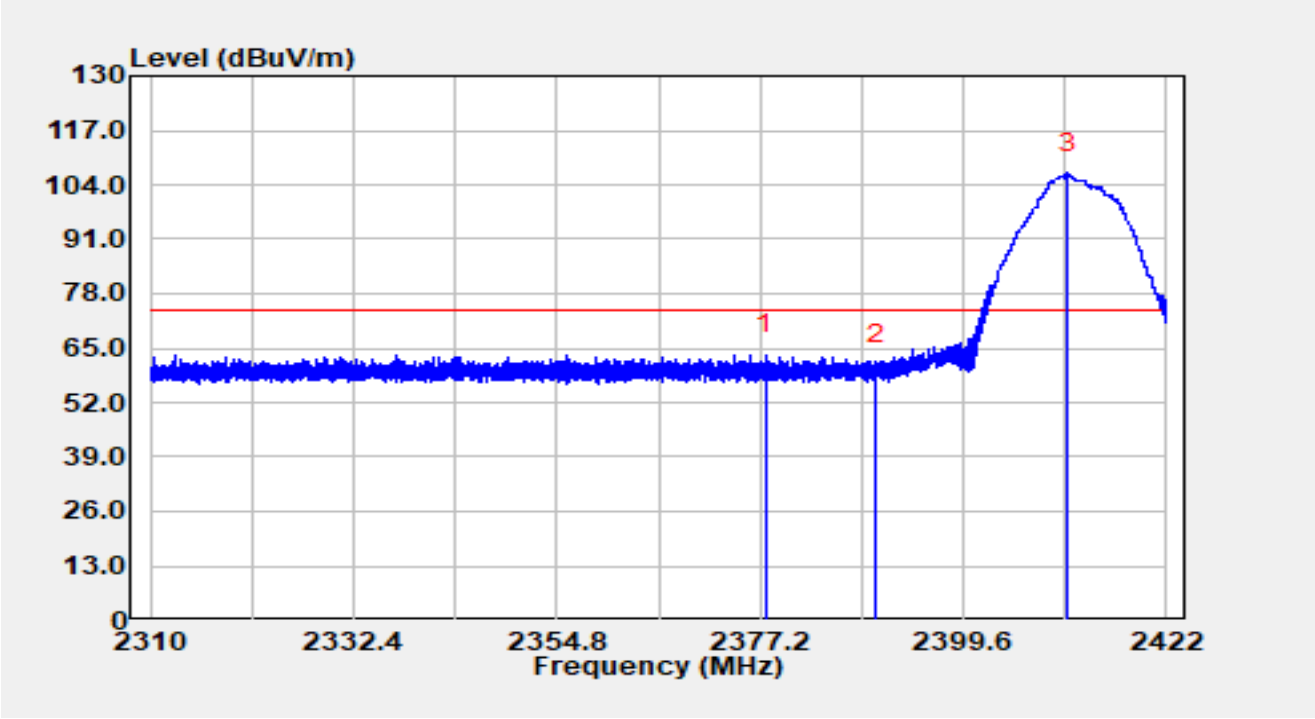
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

4. 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.

A.3 Radiated Restricted Band Edge Test Result

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2377.74	30.93	32.56	63.49	-10.51	74.00	Peak
2		2390.00	28.77	32.52	61.29	-12.71	74.00	Peak
3		2411.08	74.32	32.46	106.78	N/A	N/A	Peak

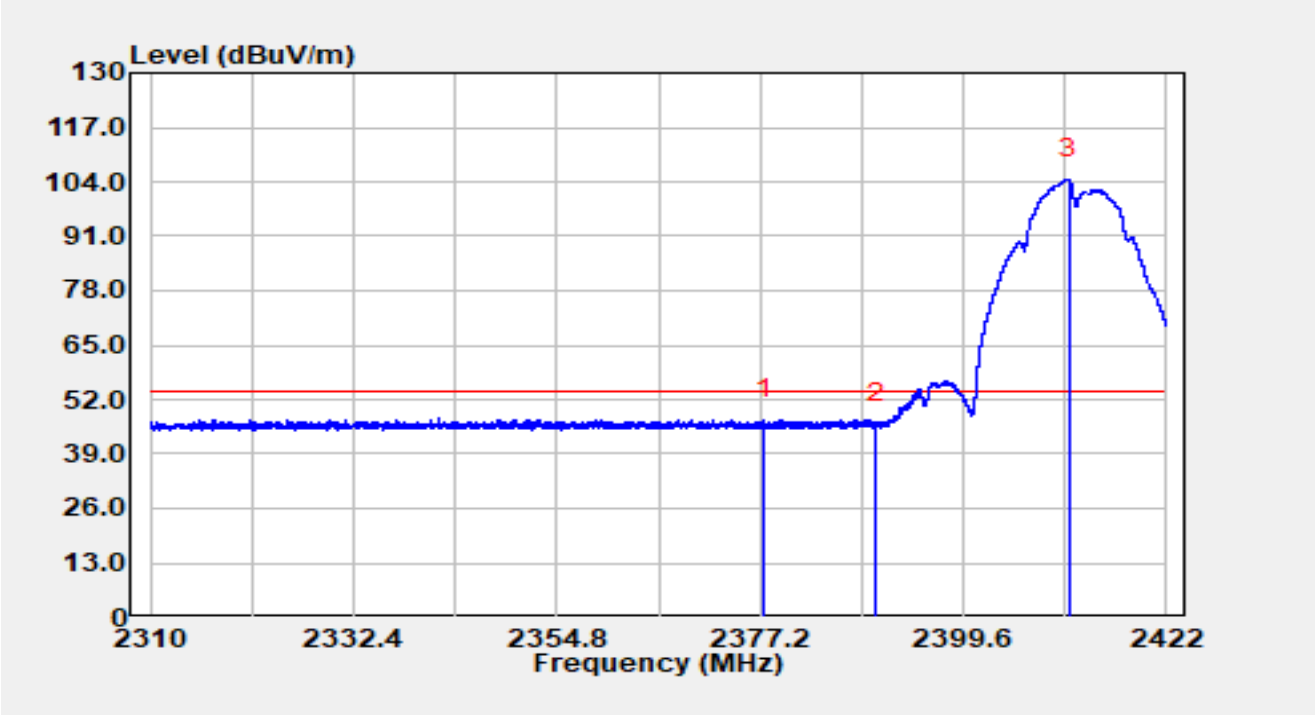
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2377.67	14.72	32.56	47.28	-6.72	54.00	Average
2		2390.00	13.94	32.52	46.46	-7.54	54.00	Average
3		2411.23	72.08	32.46	104.55	N/A	N/A	Average

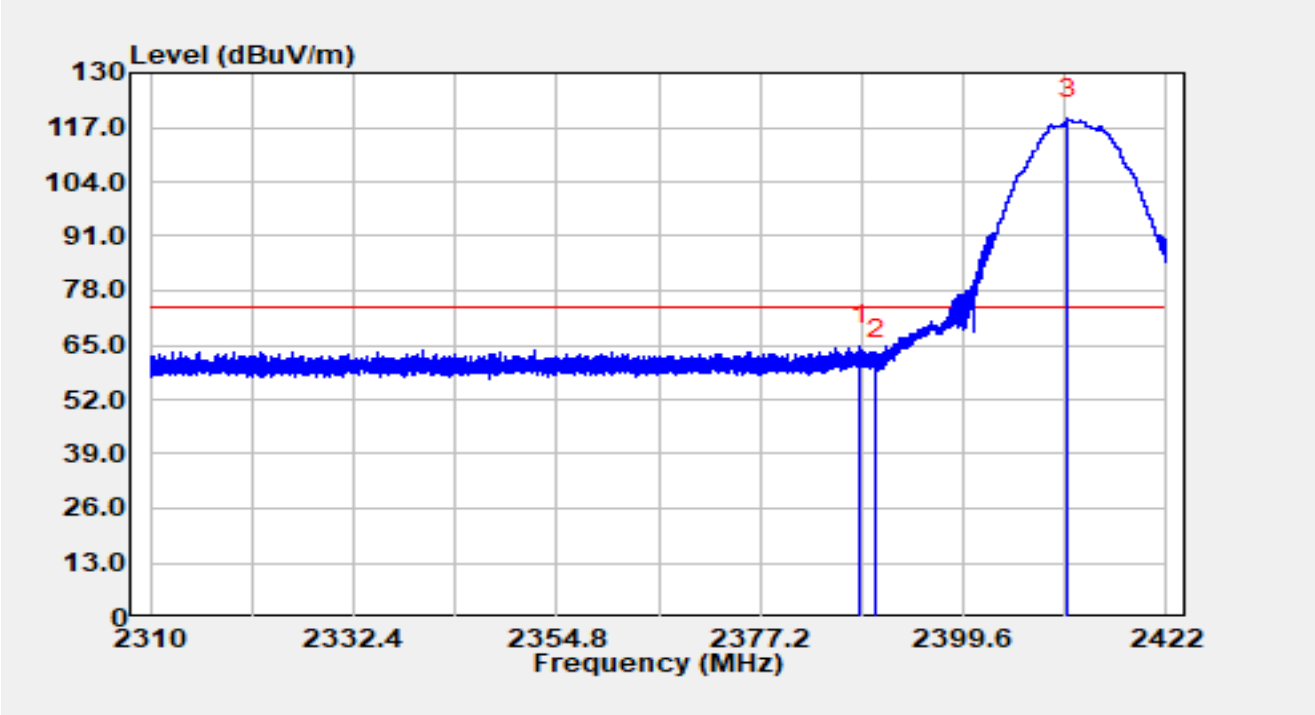
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2388.18	32.36	32.52	64.89	-9.11	74.00	Peak
2		2390.00	28.95	32.52	61.46	-12.54	74.00	Peak
3		2411.13	86.60	32.46	119.06	N/A	N/A	Peak

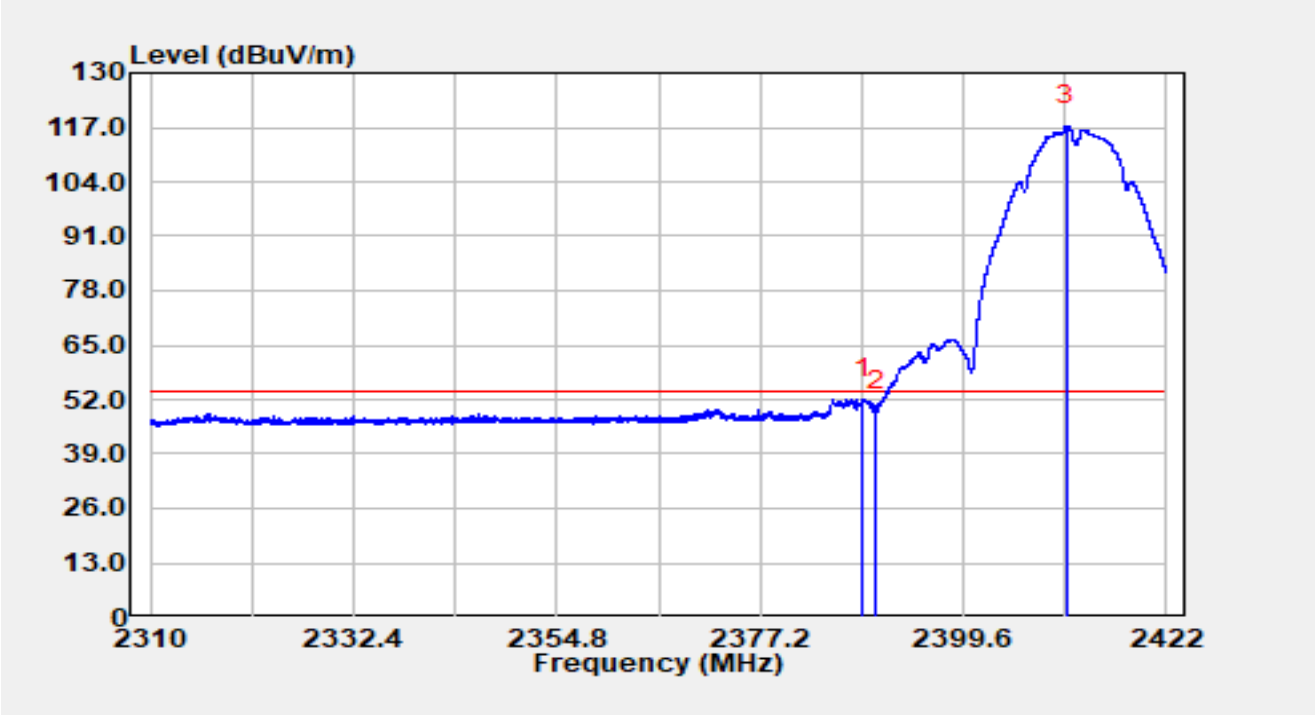
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2388.59	19.72	32.52	52.24	-1.76	54.00	Average
2		2390.00	16.68	32.52	49.20	-4.80	54.00	Average
3		2410.92	84.85	32.47	117.31	N/A	N/A	Average

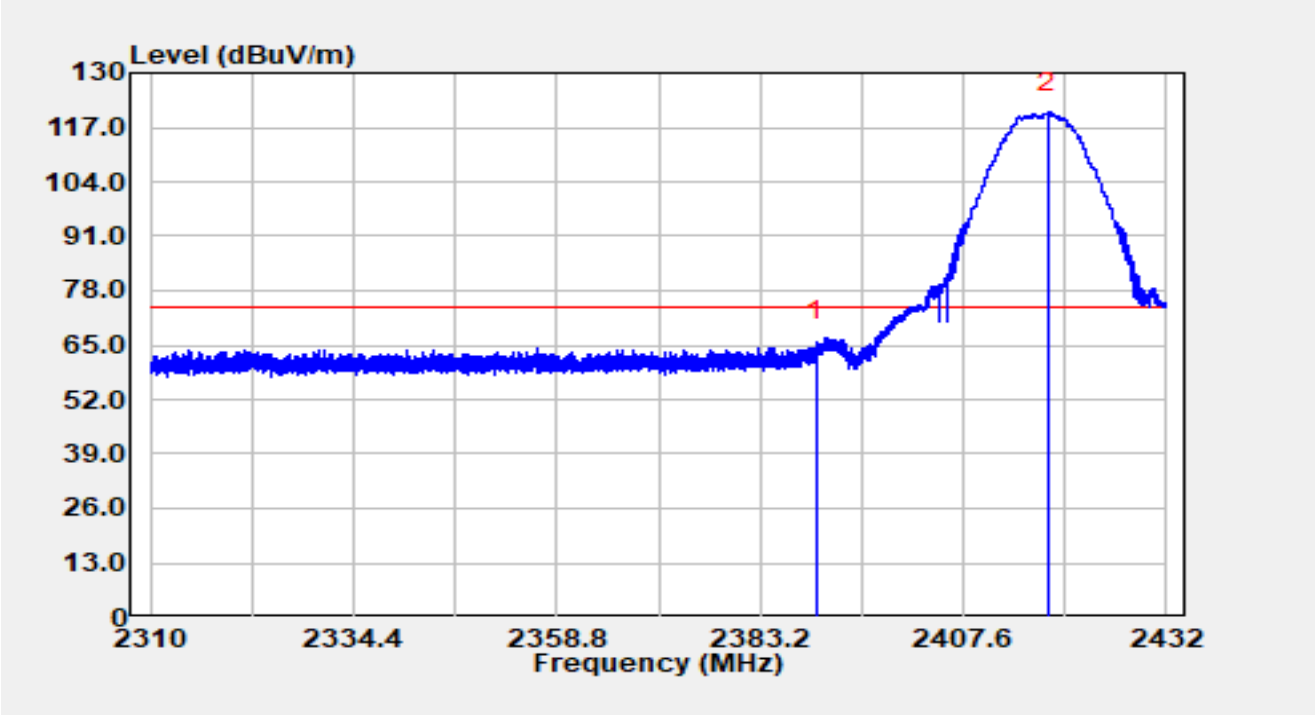
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2417MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2390.00	33.43	32.52	65.95	-8.05	74.00	Peak
2		2417.81	88.22	32.45	120.67	N/A	N/A	Peak

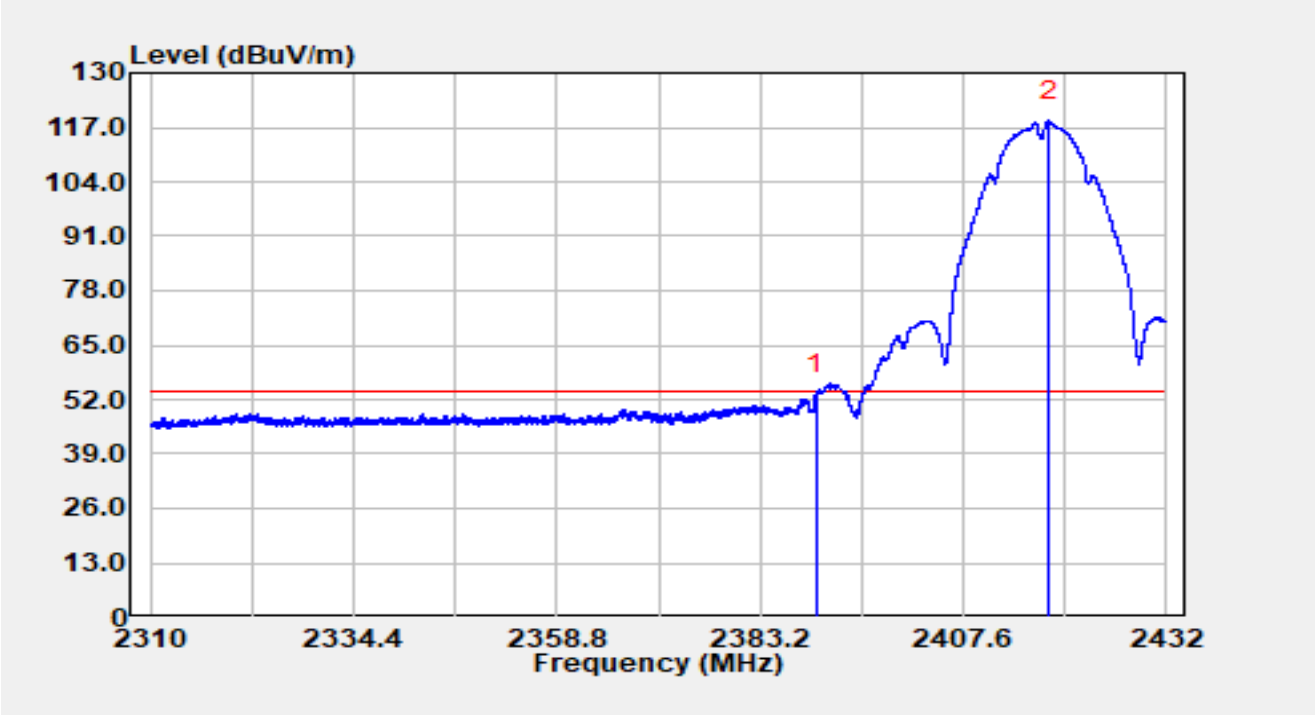
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2417MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2390.00	20.79	32.52	53.31	-0.69	54.00	Average
2		2417.86	86.17	32.45	118.62	N/A	N/A	Average

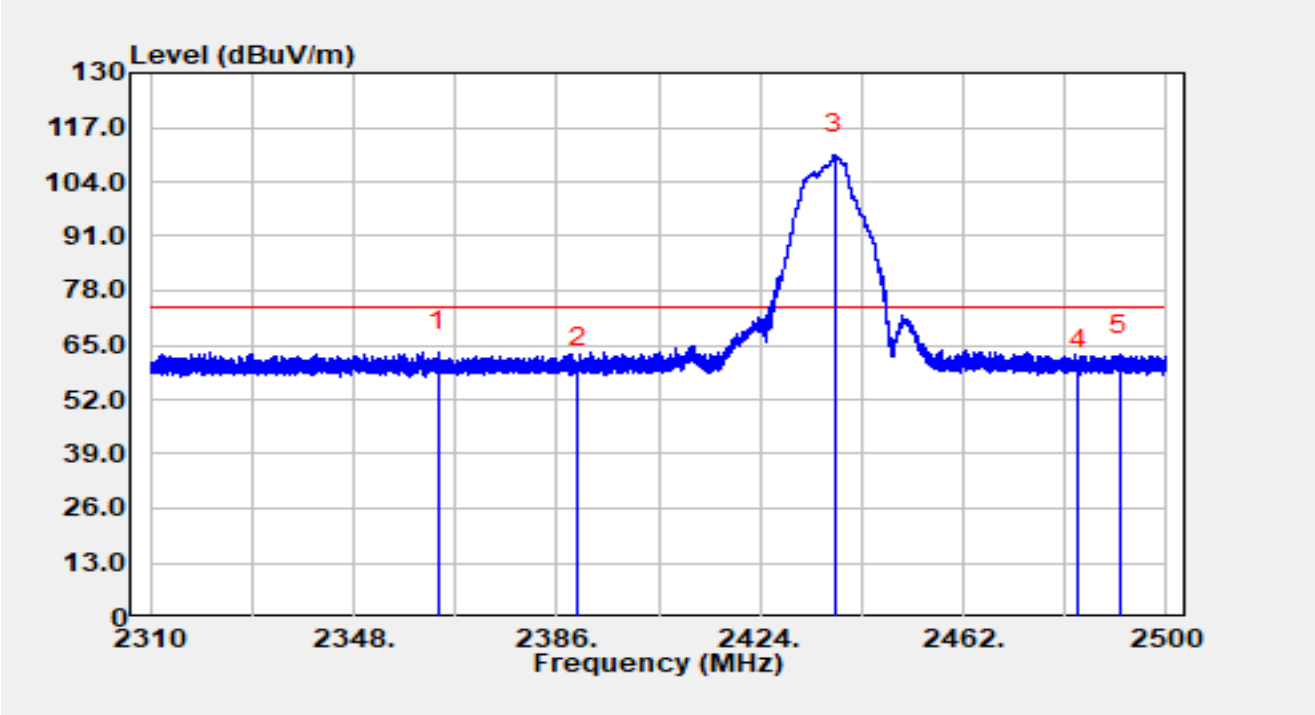
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2363.83	30.75	32.63	63.38	-10.62	74.00	Peak
2		2390.00	27.04	32.52	59.56	-14.44	74.00	Peak
3		2437.85	78.08	32.39	110.46	N/A	N/A	Peak
4		2483.50	26.87	32.40	59.27	-14.73	74.00	Peak
5		2491.28	30.26	32.39	62.64	-11.36	74.00	Peak

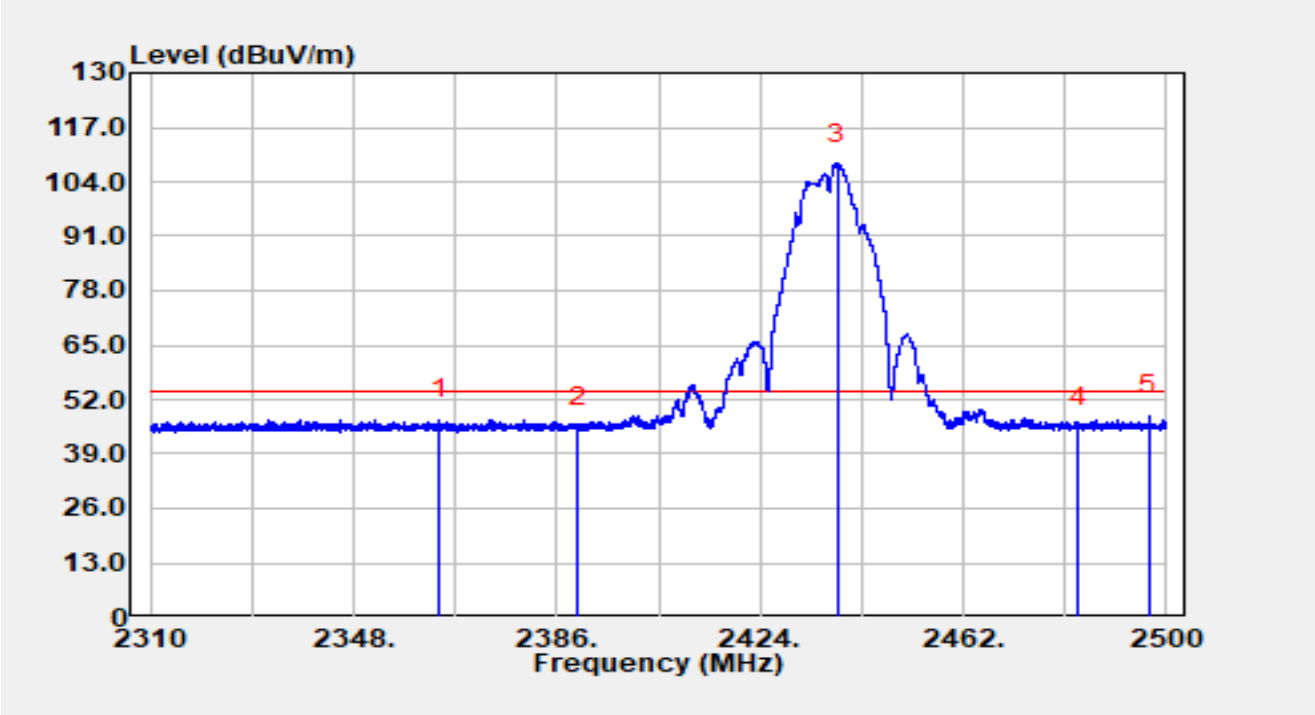
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2364.02	14.66	32.63	47.29	-6.71	54.00	Average
2		2390.00	13.04	32.52	45.56	-8.44	54.00	Average
3		2438.42	75.98	32.39	108.37	N/A	N/A	Average
4		2483.50	12.97	32.40	45.37	-8.63	54.00	Average
5	*	2496.81	15.81	32.40	48.21	-5.79	54.00	Average

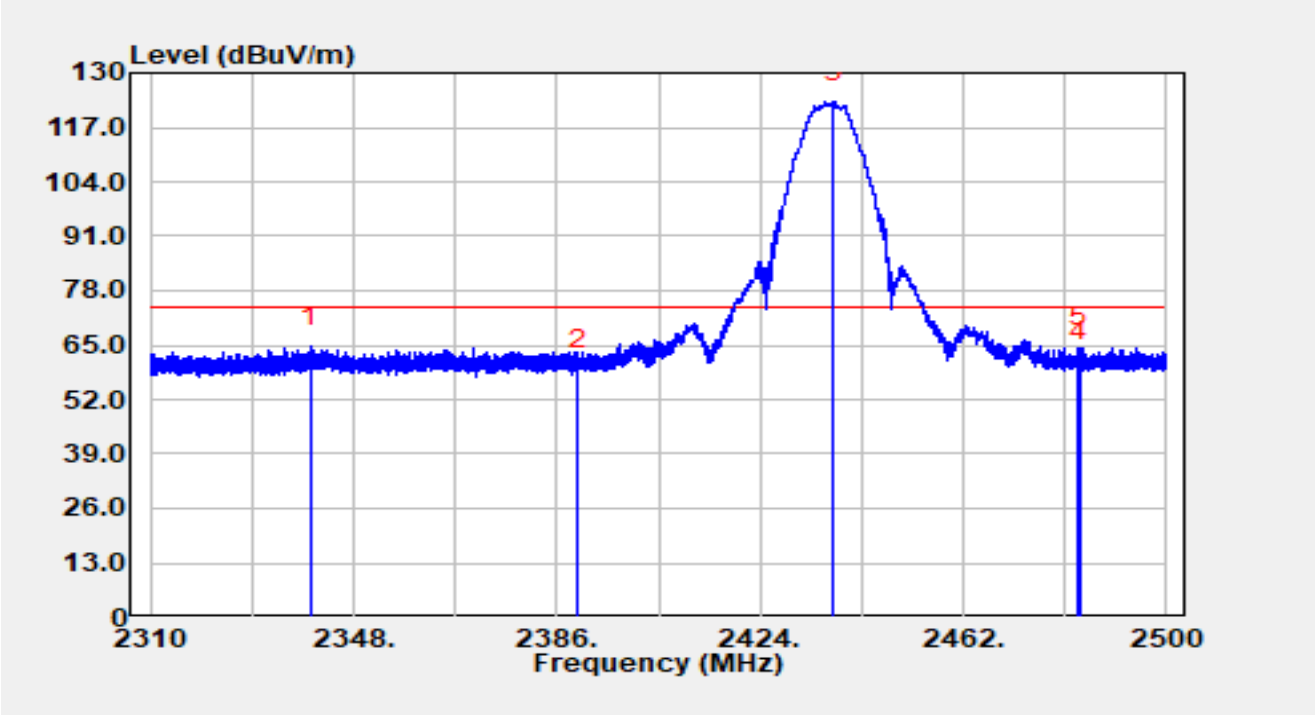
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2339.93	31.78	32.74	64.52	-9.48	74.00	Peak
2		2390.00	26.63	32.52	59.14	-14.86	74.00	Peak
3		2437.83	90.74	32.39	123.13	N/A	N/A	Peak
4		2483.50	28.51	32.40	60.91	-13.09	74.00	Peak
5		2483.68	32.04	32.40	64.44	-9.56	74.00	Peak

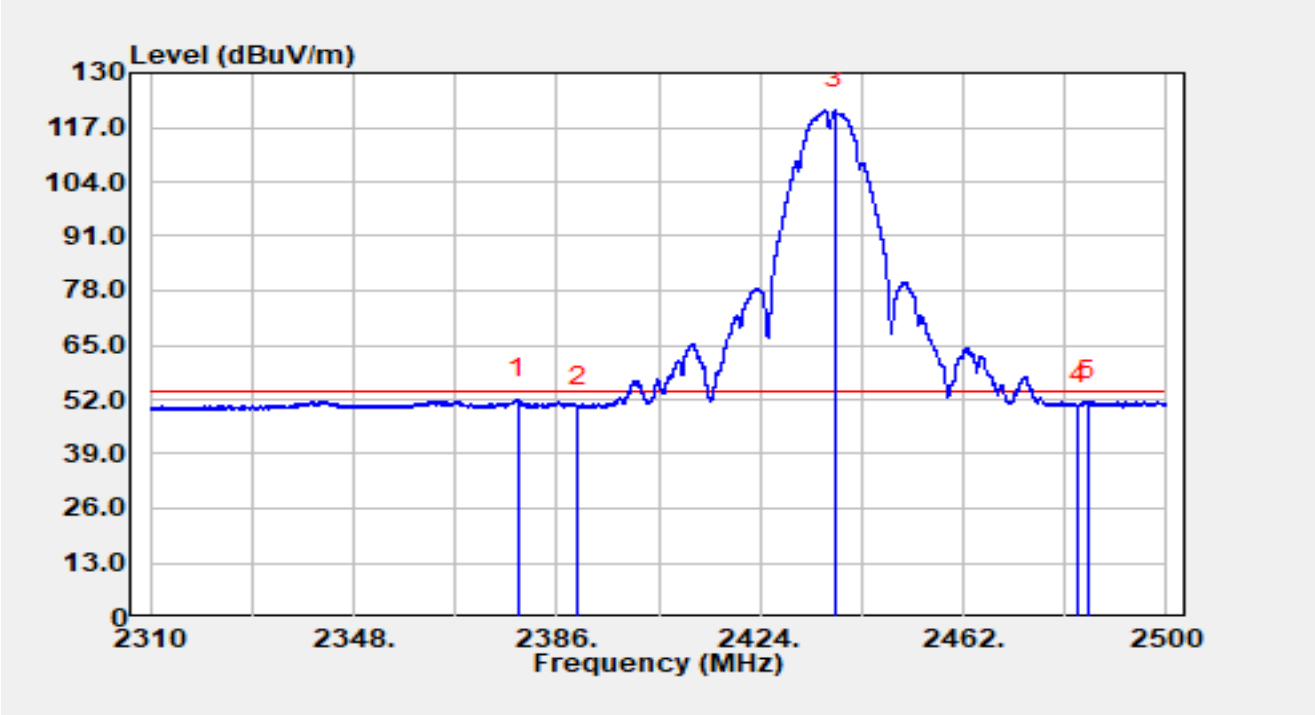
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2378.67	19.62	32.55	52.17	-1.83	54.00	Average
2		2390.00	17.85	32.52	50.37	-3.63	54.00	Average
3		2437.93	88.79	32.39	121.18	N/A	N/A	Average
4		2483.50	18.16	32.40	50.56	-3.44	54.00	Average
5		2485.22	19.19	32.40	51.59	-2.41	54.00	Average

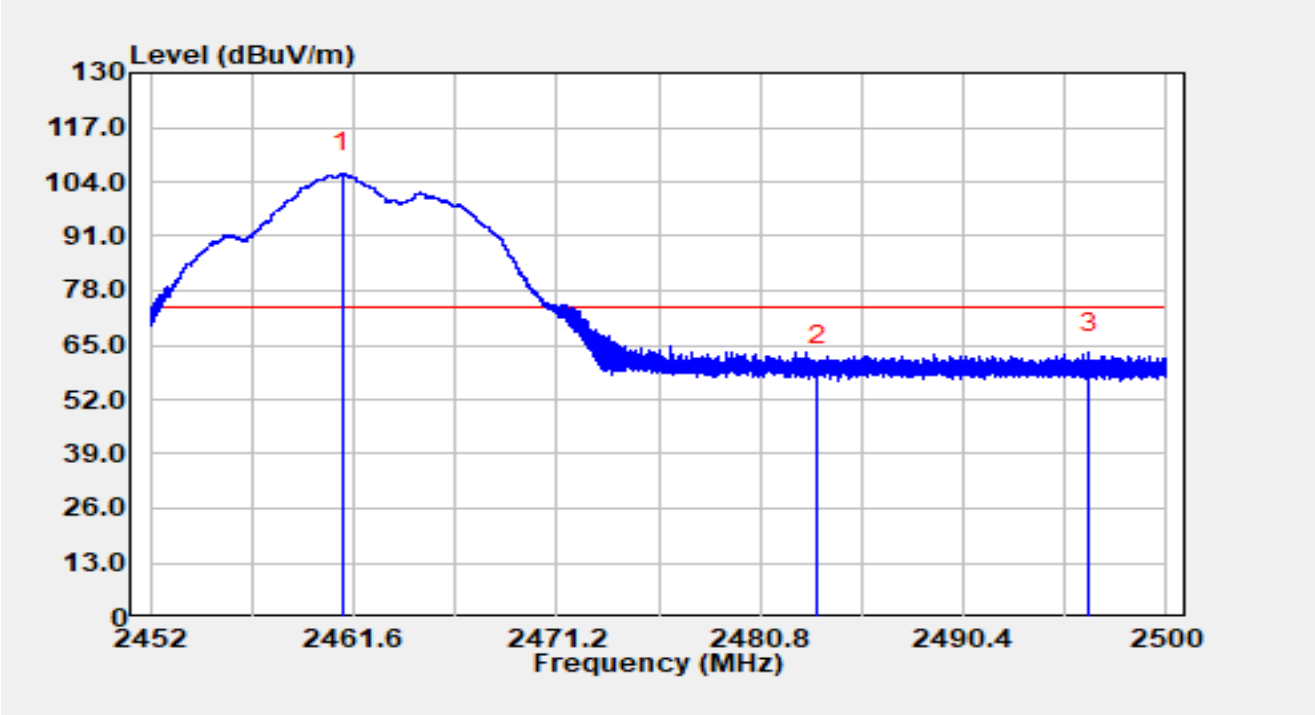
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2461.10	73.80	32.37	106.17	N/A	N/A	Peak
2		2483.50	27.58	32.40	59.98	-14.02	74.00	Peak
3	*	2496.31	30.73	32.40	63.13	-10.87	74.00	Peak

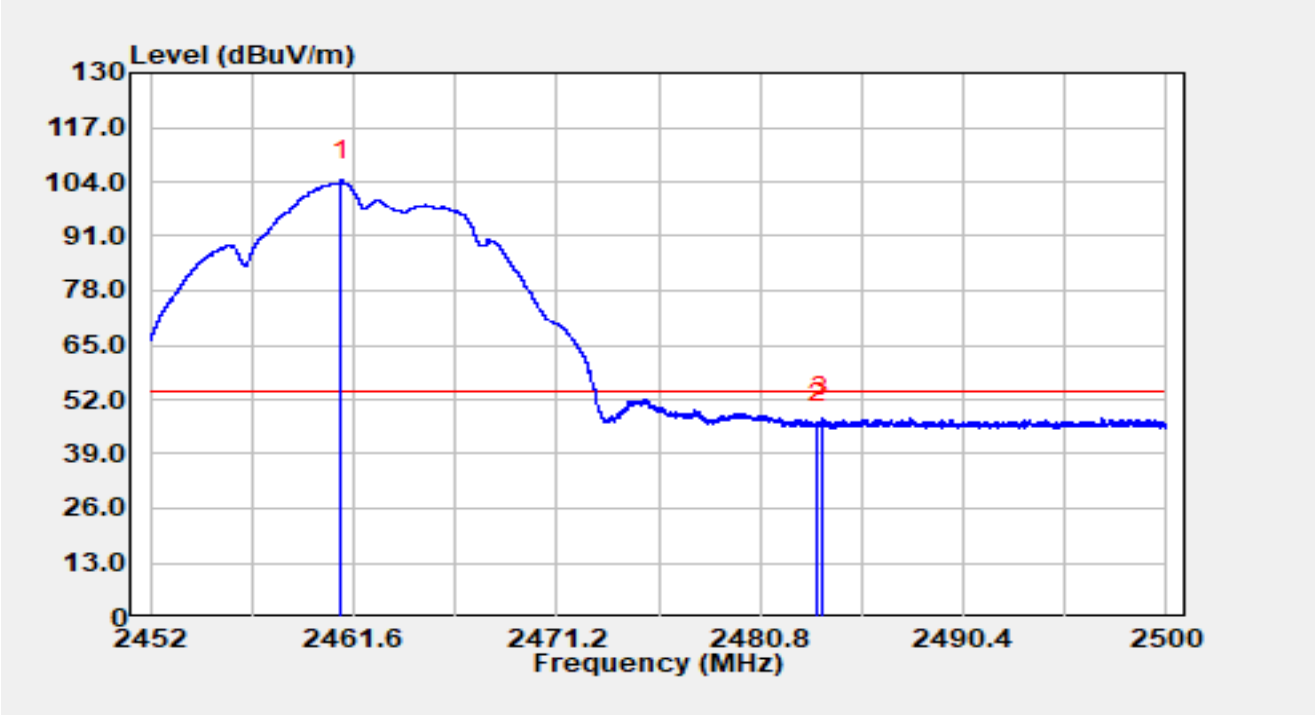
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2461.03	72.09	32.37	104.46	N/A	N/A	Average
2		2483.50	14.19	32.40	46.59	-7.41	54.00	Average
3	*	2483.73	15.20	32.40	47.60	-6.40	54.00	Average

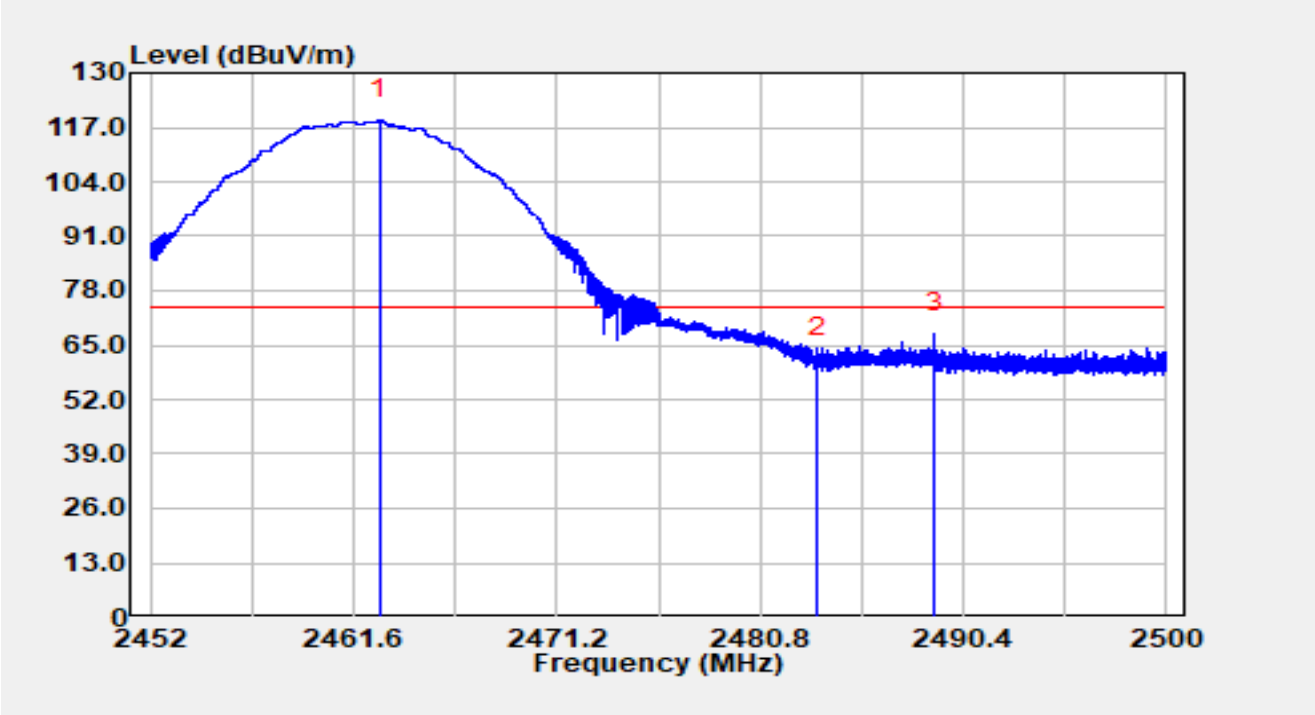
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2462.82	86.38	32.37	118.75	N/A	N/A	Peak
2		2483.50	29.48	32.40	61.88	-12.12	74.00	Peak
3	*	2489.04	35.34	32.39	67.73	-6.27	74.00	Peak

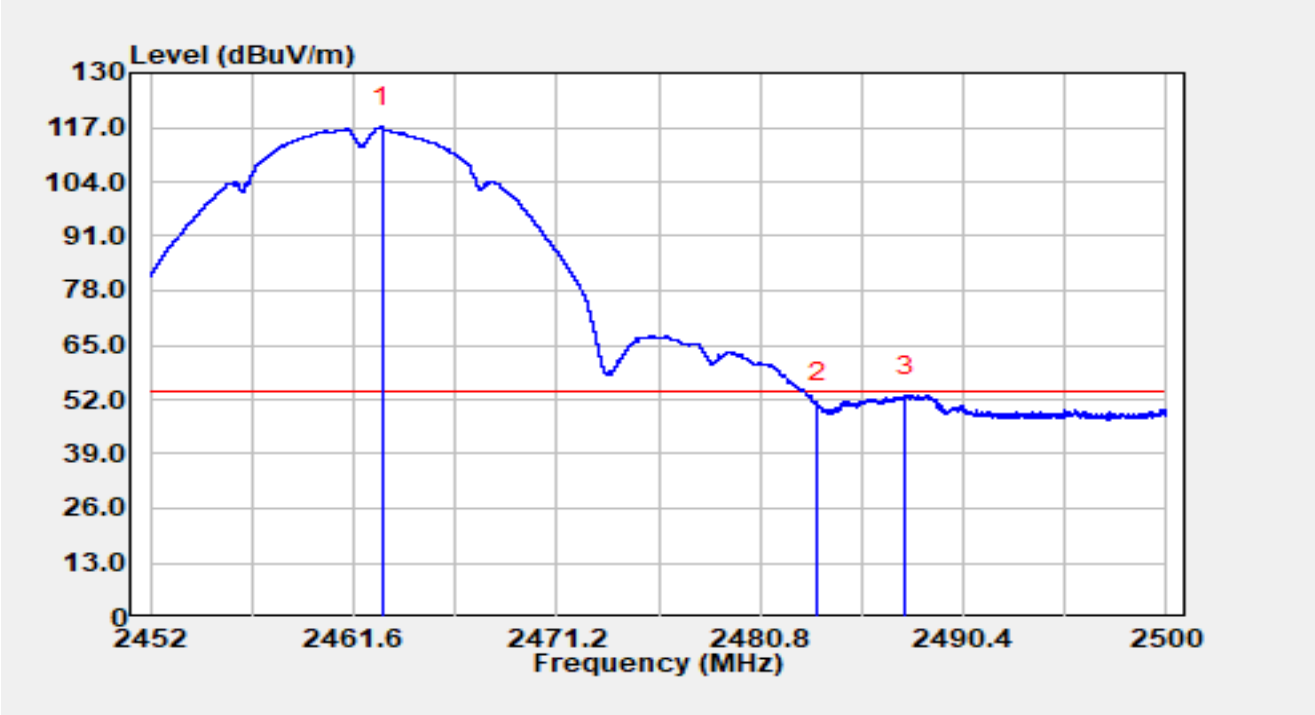
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11b at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2462.95	84.86	32.37	117.24	N/A	N/A	Average
2		2483.50	18.66	32.40	51.06	-2.94	54.00	Average
3	*	2487.69	20.55	32.39	52.94	-1.06	54.00	Average

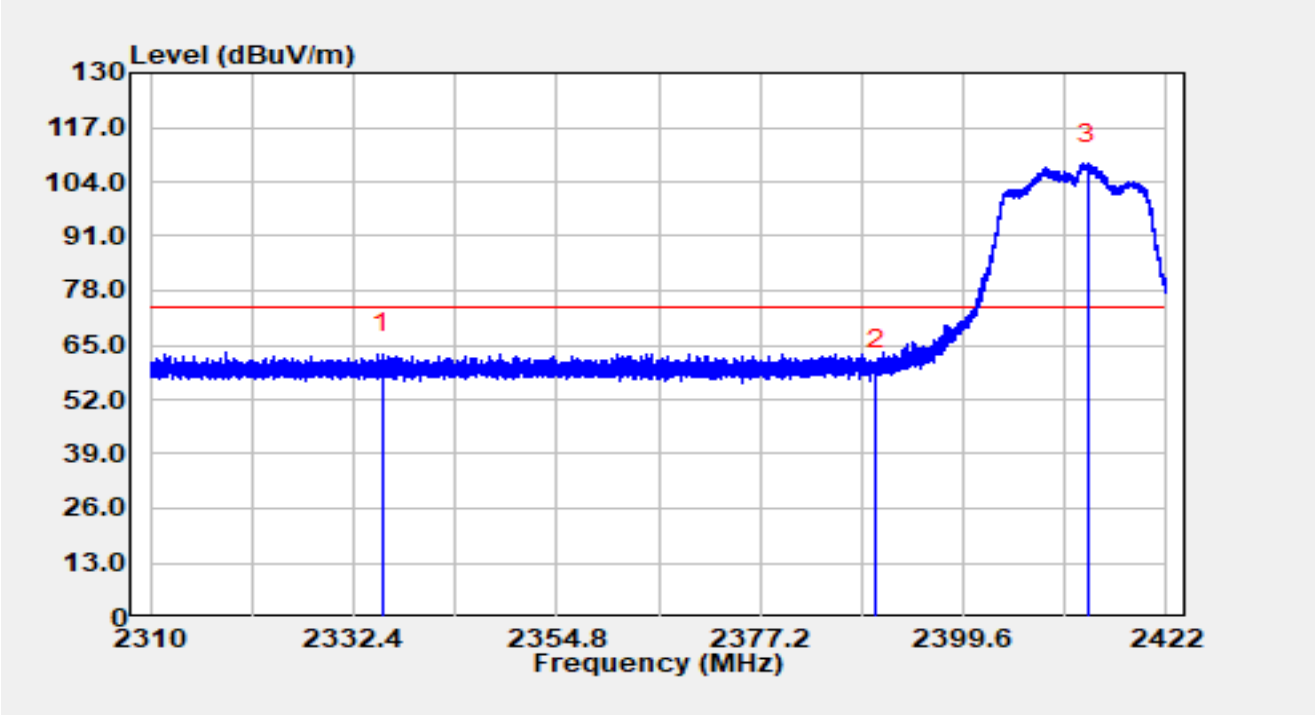
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2335.57	30.26	32.75	63.01	-10.99	74.00	Peak
2		2390.00	26.49	32.52	59.00	-15.00	74.00	Peak
3		2413.32	75.82	32.46	108.28	N/A	N/A	Peak

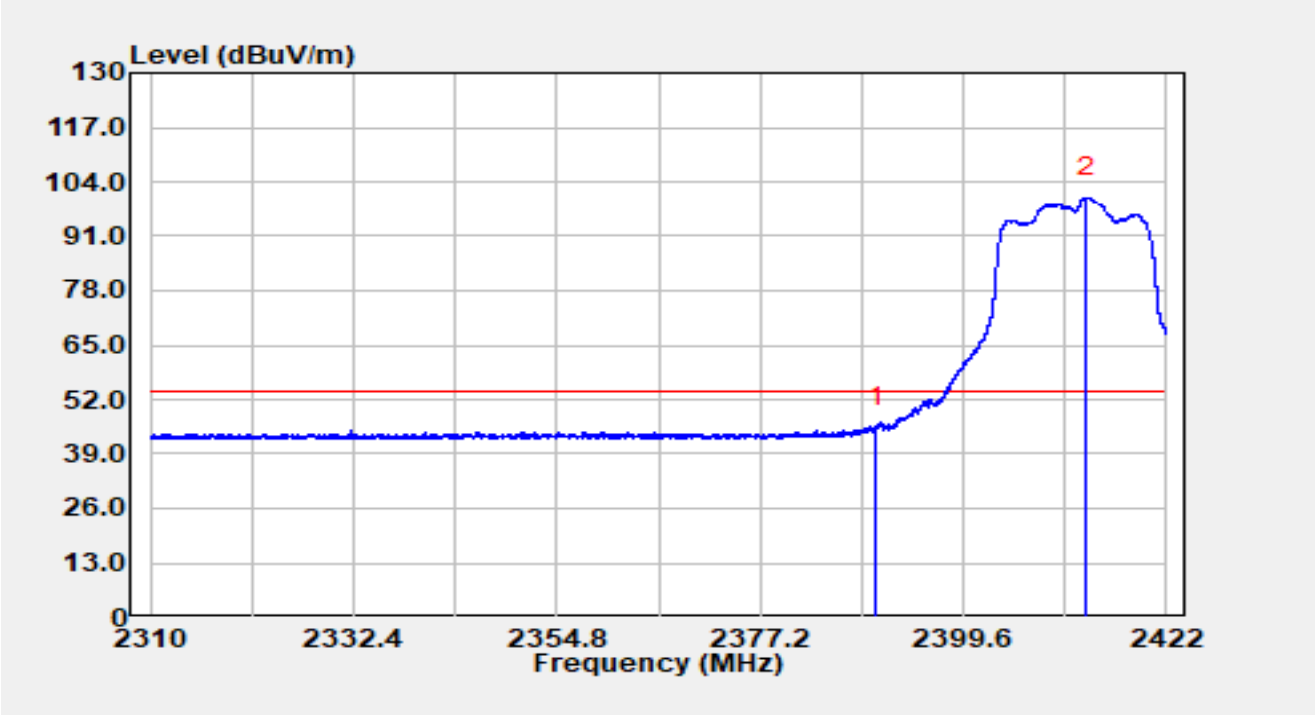
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2390.00	12.68	32.52	45.20	-8.80	54.00	Average
2		2413.23	67.80	32.46	100.26	N/A	N/A	Average

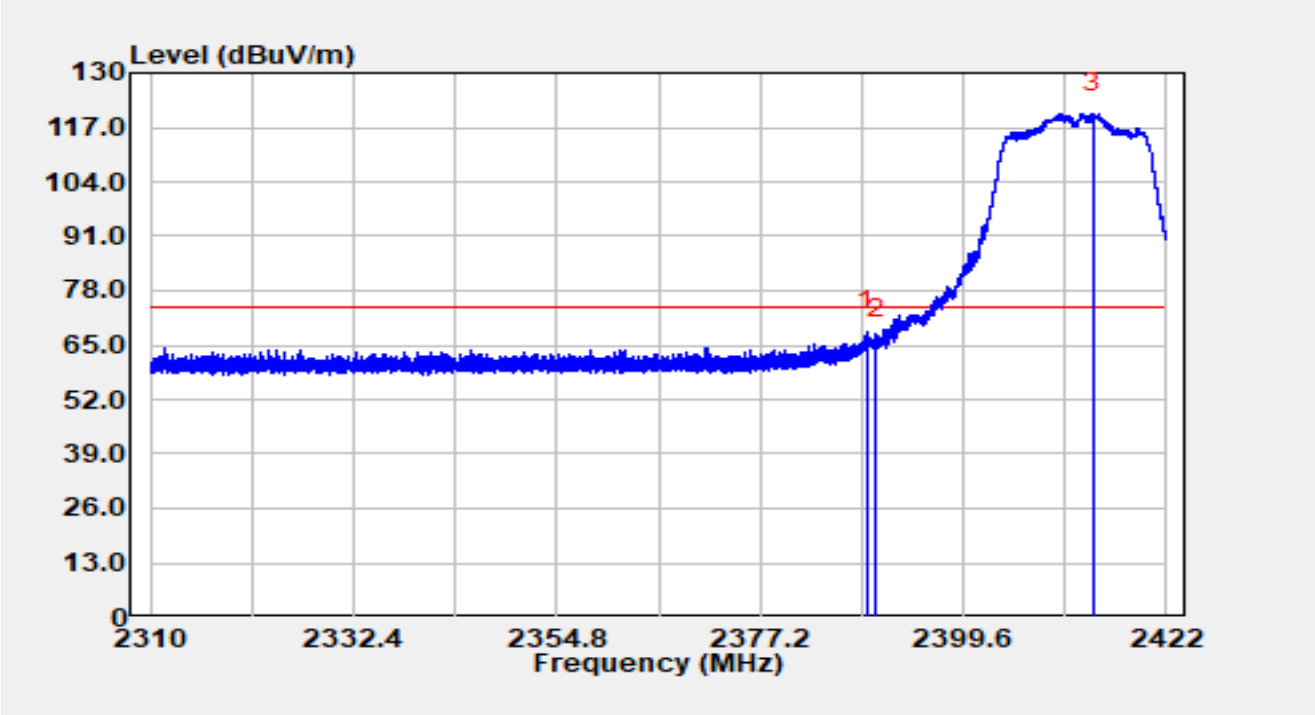
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2388.97	35.68	32.52	68.20	-5.80	74.00	Peak
2		2390.00	33.77	32.52	66.29	-7.71	74.00	Peak
3		2413.91	87.97	32.46	120.43	N/A	N/A	Peak

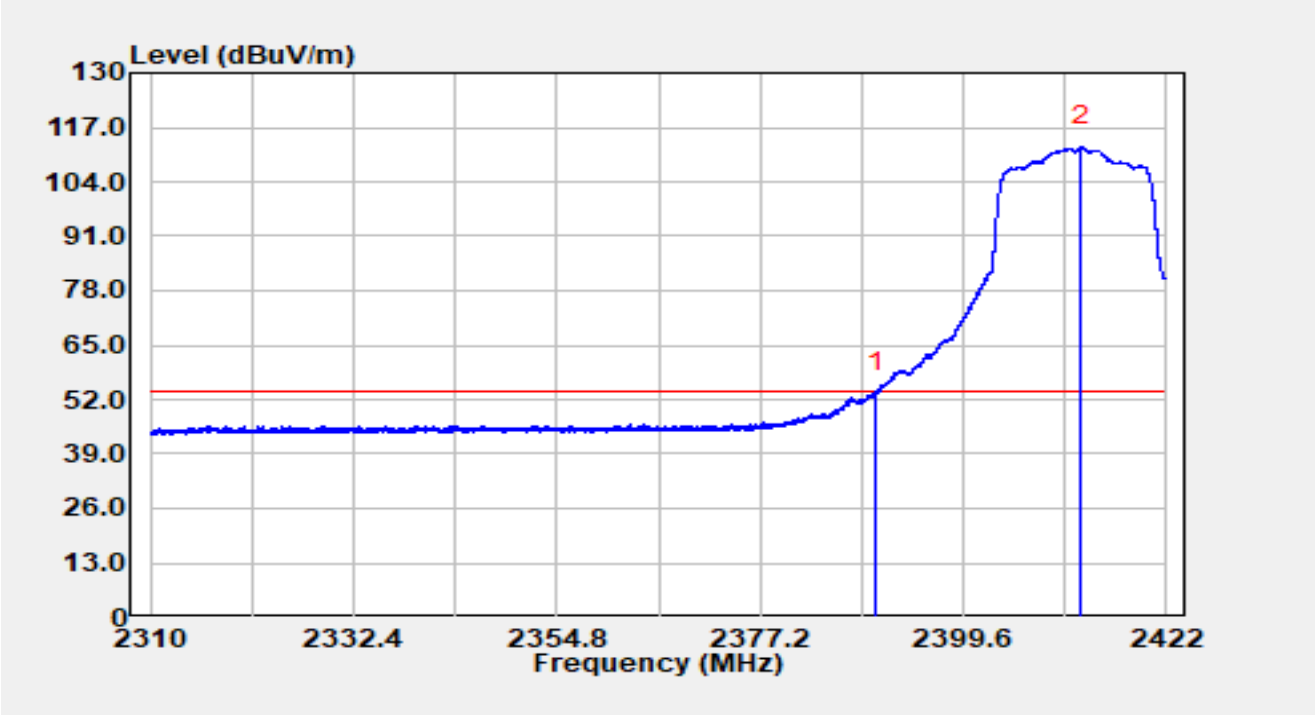
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2390.00	21.38	32.52	53.90	-0.10	54.00	Average
2		2412.59	80.08	32.46	112.55	N/A	N/A	Average

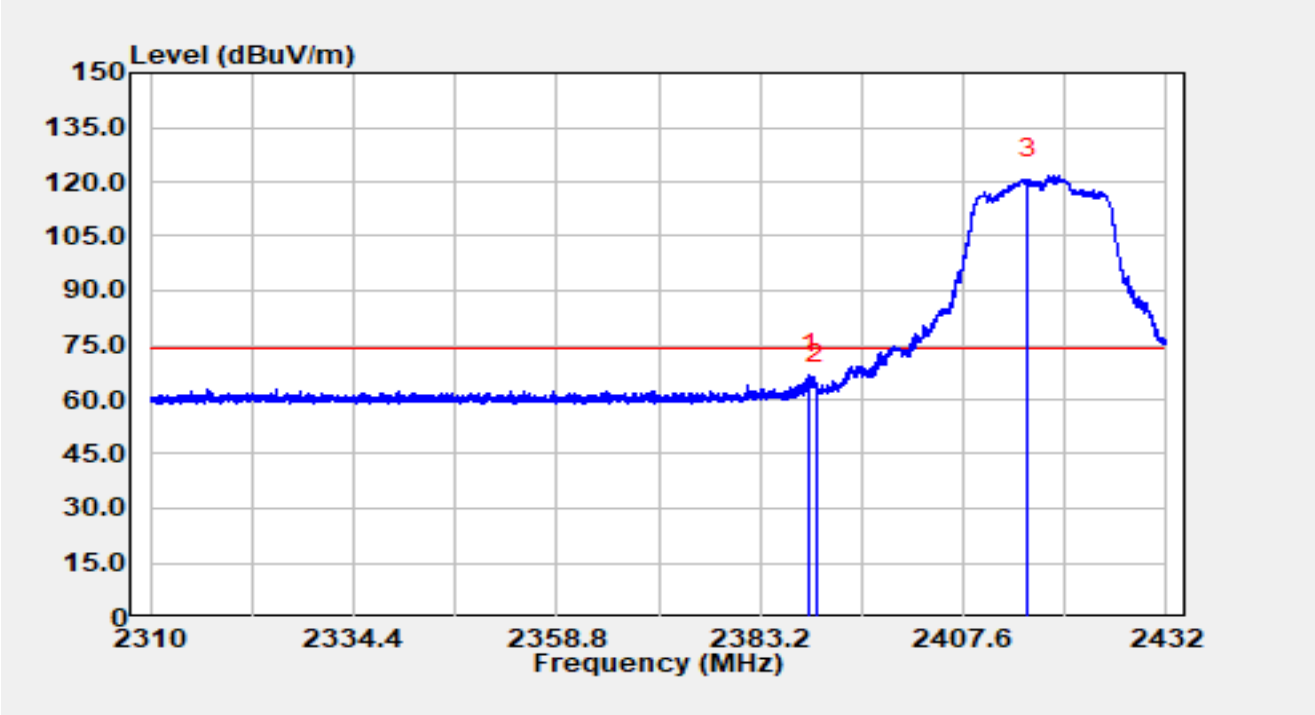
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2417MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.18	34.32	32.52	66.84	-7.16	74.00	Peak
2		2390.00	31.94	32.52	64.46	-9.54	74.00	Peak
3		2415.42	88.15	32.45	120.61	N/A	N/A	Peak

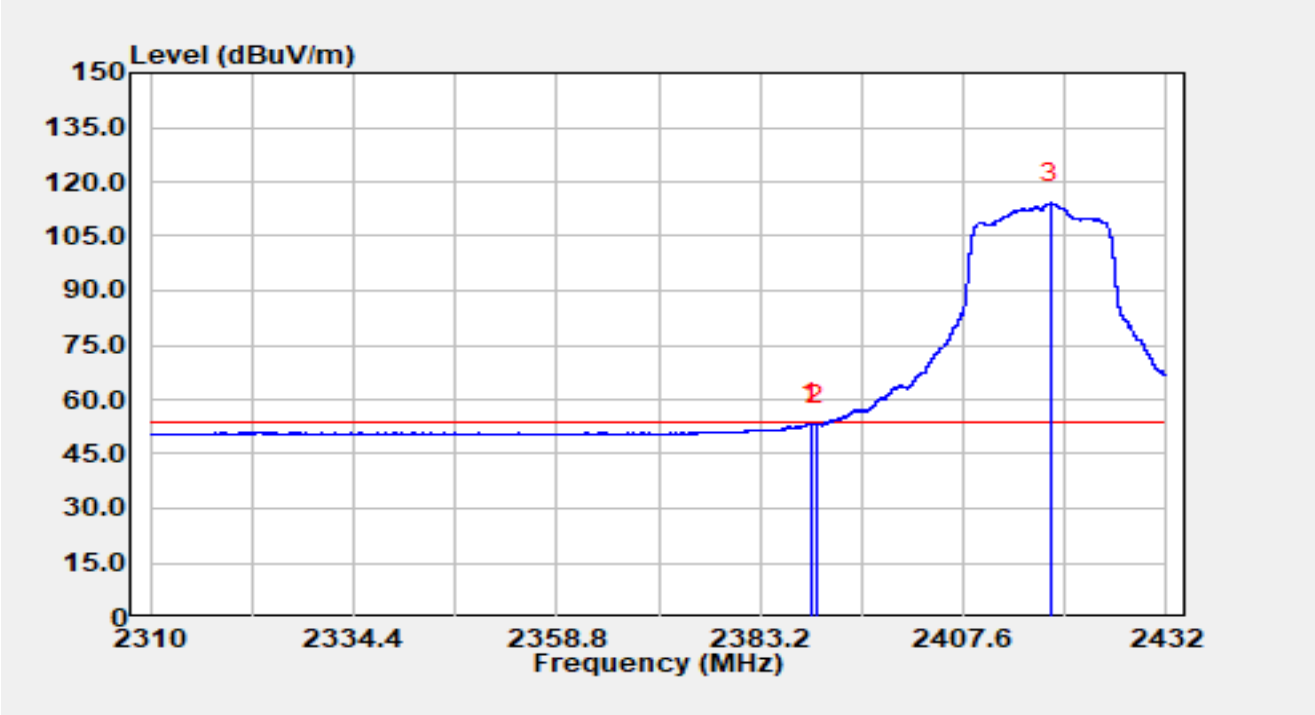
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2417MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.34	20.89	32.52	53.41	-0.59	54.00	Average
2		2390.00	20.66	32.52	53.18	-0.82	54.00	Average
3		2418.02	81.75	32.45	114.20	N/A	N/A	Average

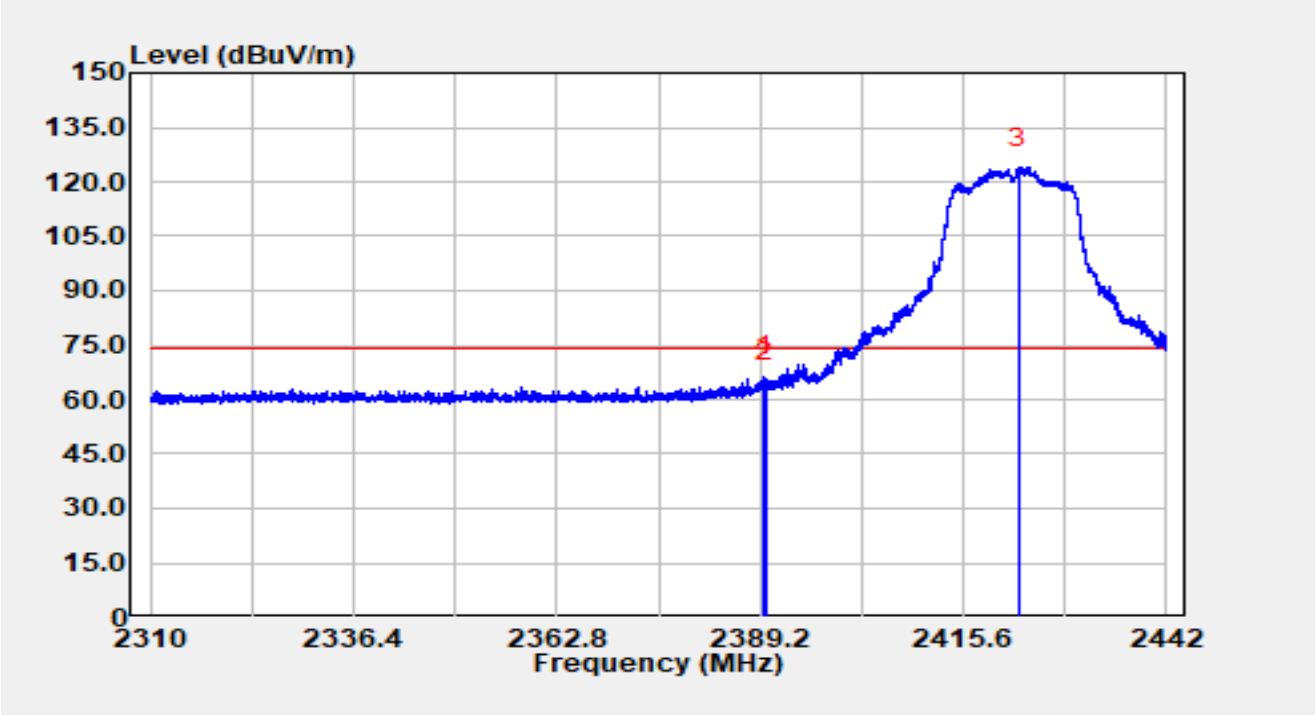
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2422MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.72	33.74	32.52	66.26	-7.74	74.00	Peak
2		2390.00	32.17	32.52	64.69	-9.31	74.00	Peak
3		2422.70	91.35	32.44	123.79	N/A	N/A	Peak

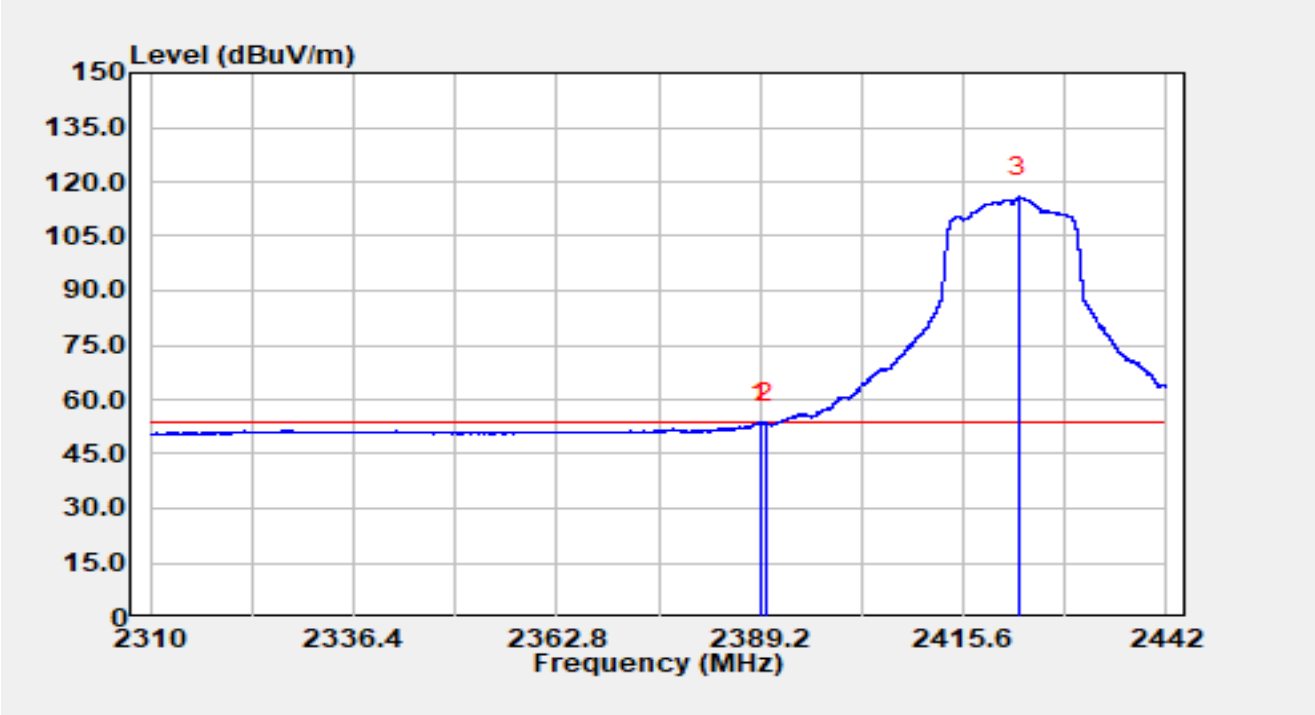
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2422MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.28	21.18	32.52	53.70	-0.30	54.00	Average
2		2390.00	20.85	32.52	53.36	-0.64	54.00	Average
3		2422.75	83.43	32.44	115.87	N/A	N/A	Average

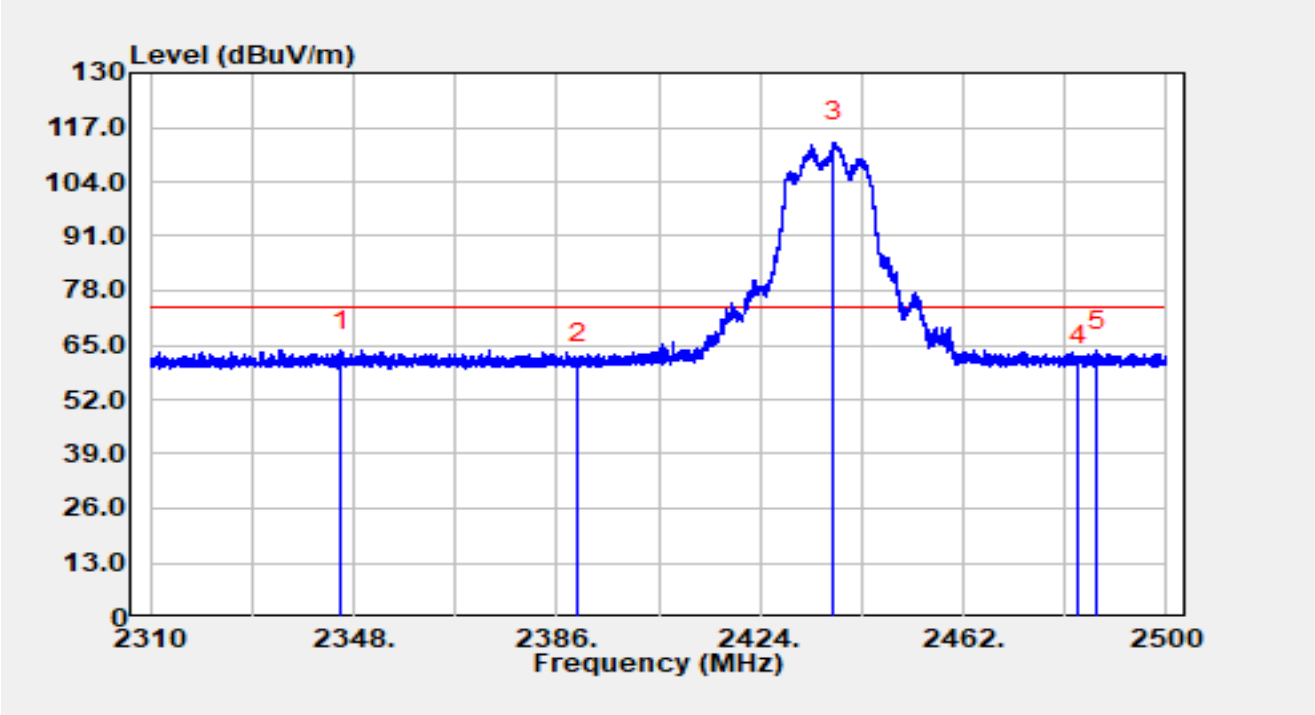
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2345.74	30.97	32.75	63.71	-10.29	74.00	Peak
2		2390.00	28.19	32.52	60.71	-13.29	74.00	Peak
3		2437.68	81.14	32.39	113.53	N/A	N/A	Peak
4		2483.50	27.90	32.40	60.30	-13.70	74.00	Peak
5		2486.97	31.30	32.39	63.70	-10.30	74.00	Peak

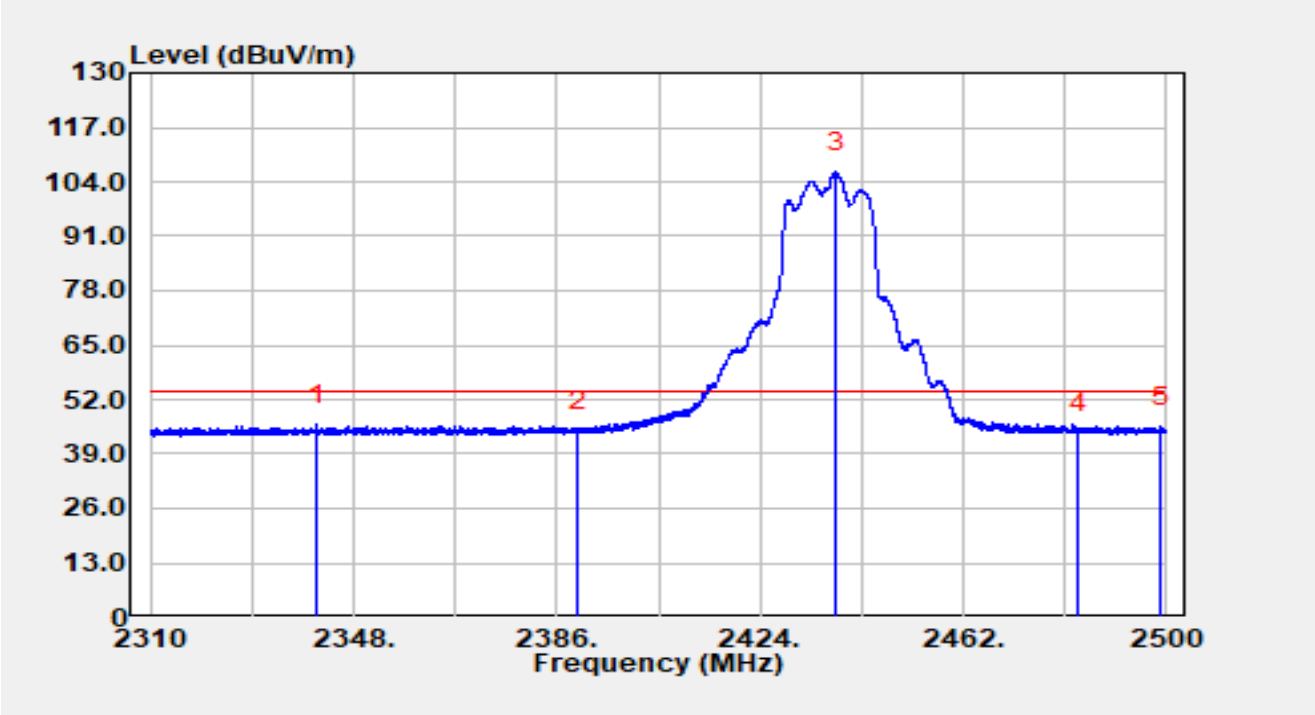
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2341.07	13.14	32.75	45.89	-8.11	54.00	Average
2		2390.00	11.98	32.52	44.50	-9.50	54.00	Average
3		2438.12	73.86	32.39	106.25	N/A	N/A	Average
4		2483.50	11.68	32.40	44.08	-9.92	54.00	Average
5		2499.01	13.08	32.40	45.48	-8.52	54.00	Average

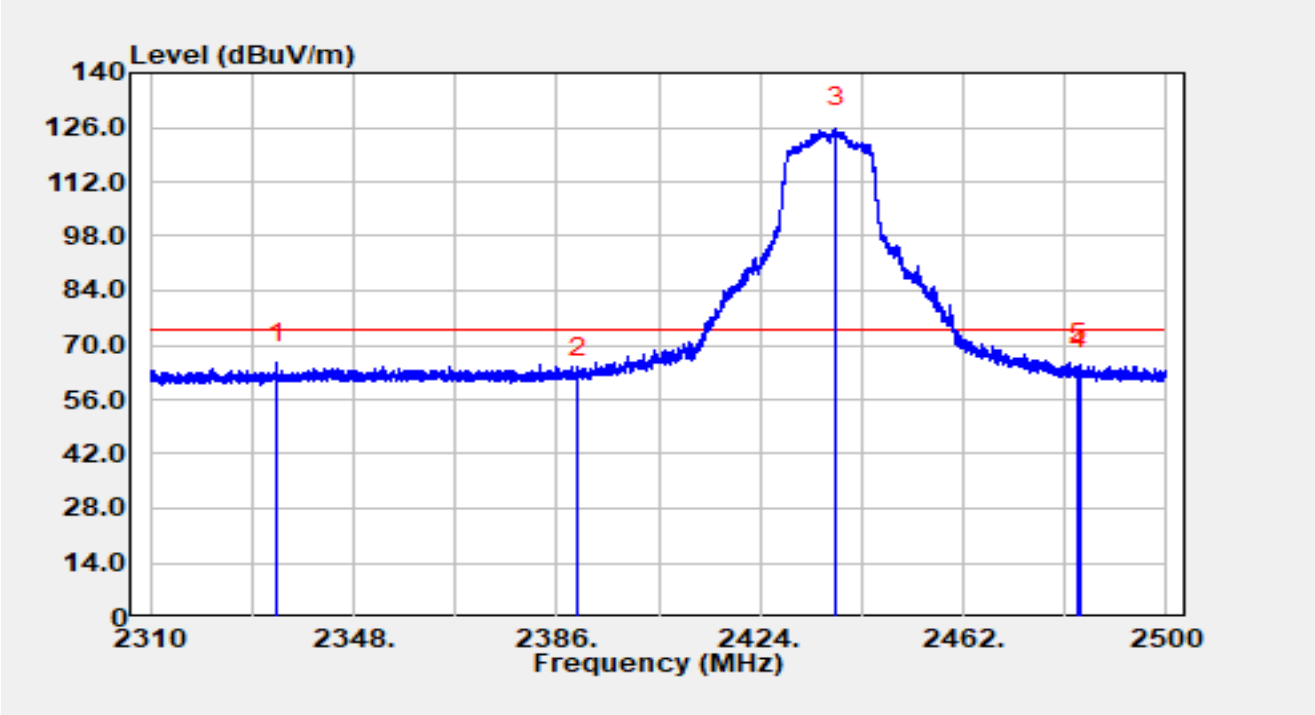
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2333.69	32.53	32.75	65.28	-8.72	74.00	Peak
2		2390.00	29.23	32.52	61.75	-12.25	74.00	Peak
3		2438.16	93.57	32.39	125.95	N/A	N/A	Peak
4		2483.51	31.17	32.40	63.57	-10.43	74.00	Peak
5		2483.79	32.63	32.40	65.03	-8.97	74.00	Peak

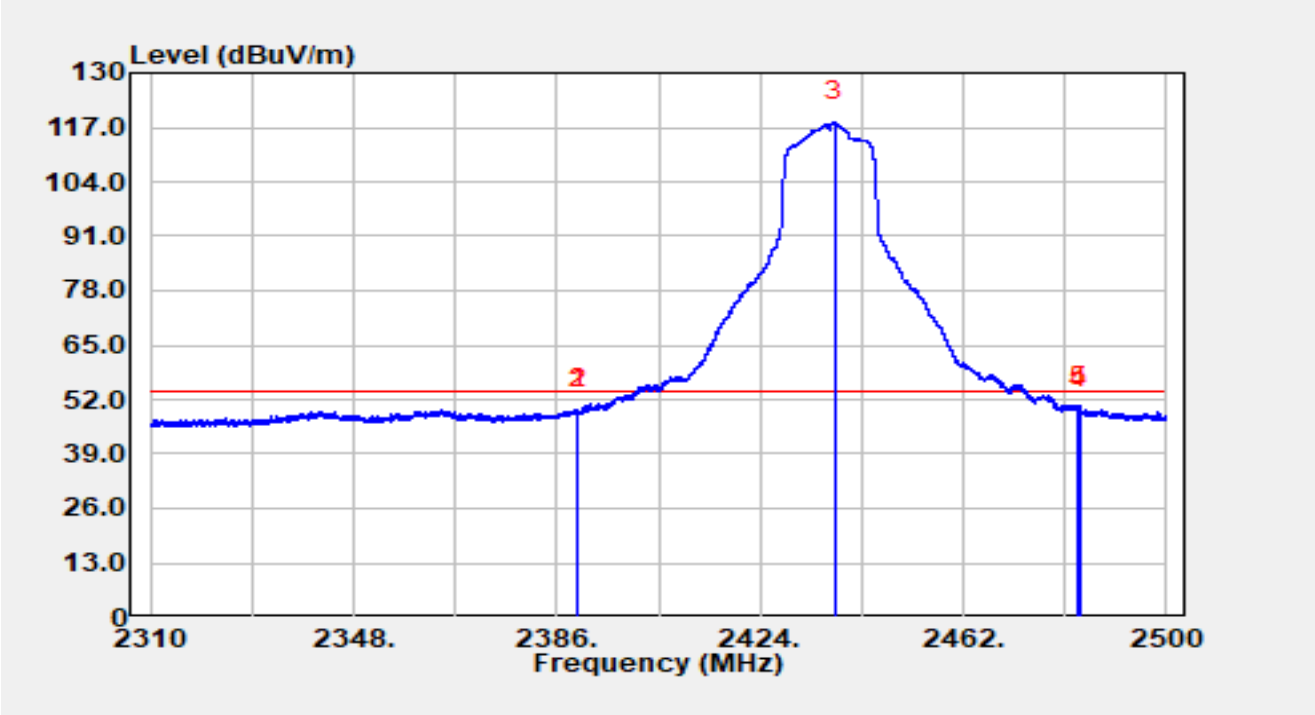
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2389.95	17.23	32.52	49.75	-4.25	54.00	Average
2		2390.00	17.16	32.52	49.68	-4.32	54.00	Average
3		2437.95	86.04	32.39	118.43	N/A	N/A	Average
4		2483.51	17.23	32.40	49.63	-4.37	54.00	Average
5	*	2483.74	17.90	32.40	50.30	-3.70	54.00	Average

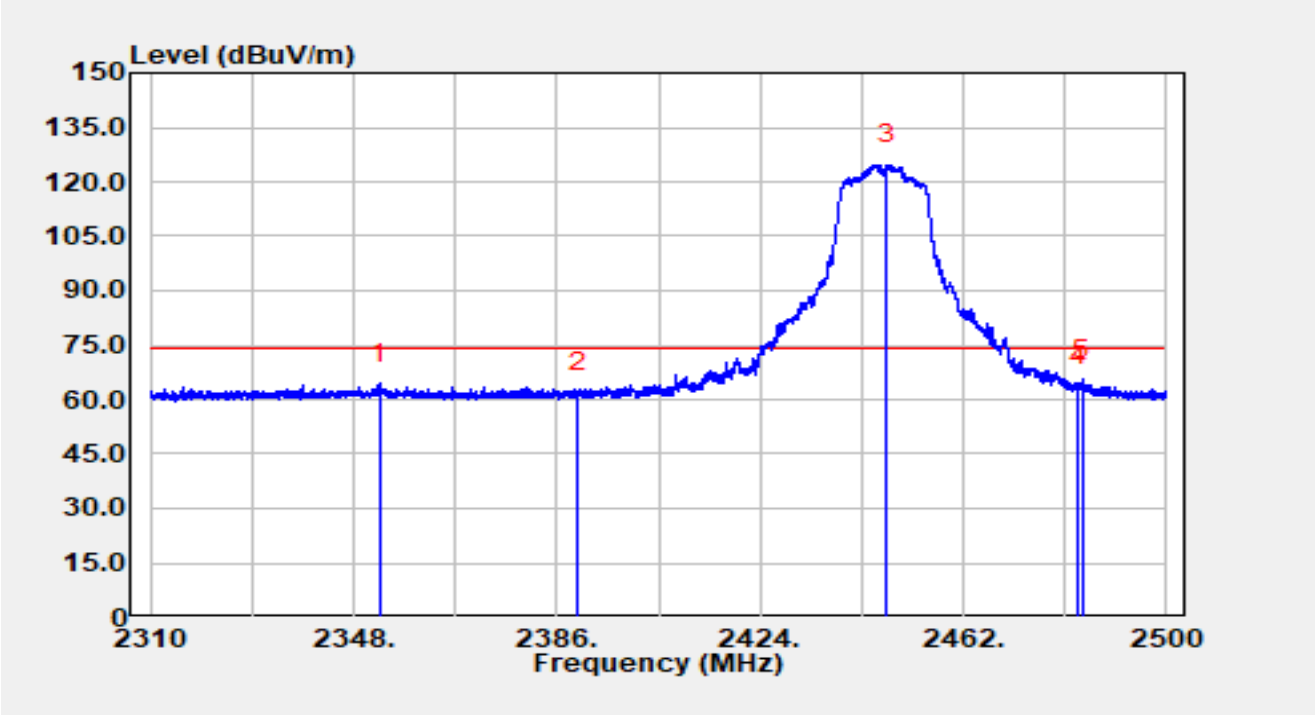
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2447MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2352.77	31.70	32.71	64.42	-9.58	74.00	Peak
2		2390.00	29.64	32.52	62.16	-11.84	74.00	Peak
3		2447.73	92.43	32.38	124.81	N/A	N/A	Peak
4		2483.50	31.19	32.40	63.59	-10.41	74.00	Peak
5	*	2484.17	33.03	32.40	65.43	-8.57	74.00	Peak

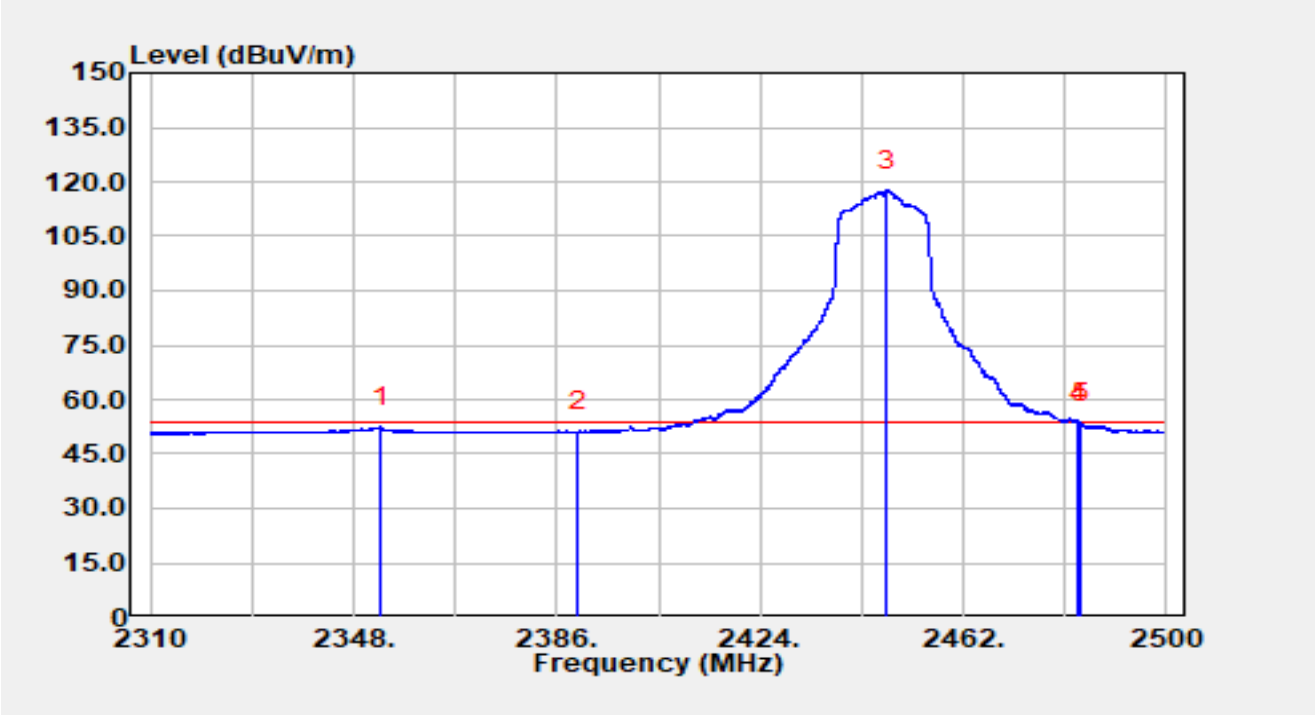
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2447MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2353.02	19.81	32.71	52.52	-1.48	54.00	Average
2		2390.00	18.53	32.52	51.05	-2.95	54.00	Average
3		2447.77	85.16	32.38	117.54	N/A	N/A	Average
4	*	2483.50	21.32	32.40	53.72	-0.28	54.00	Average
5		2483.91	20.96	32.40	53.36	-0.64	54.00	Average

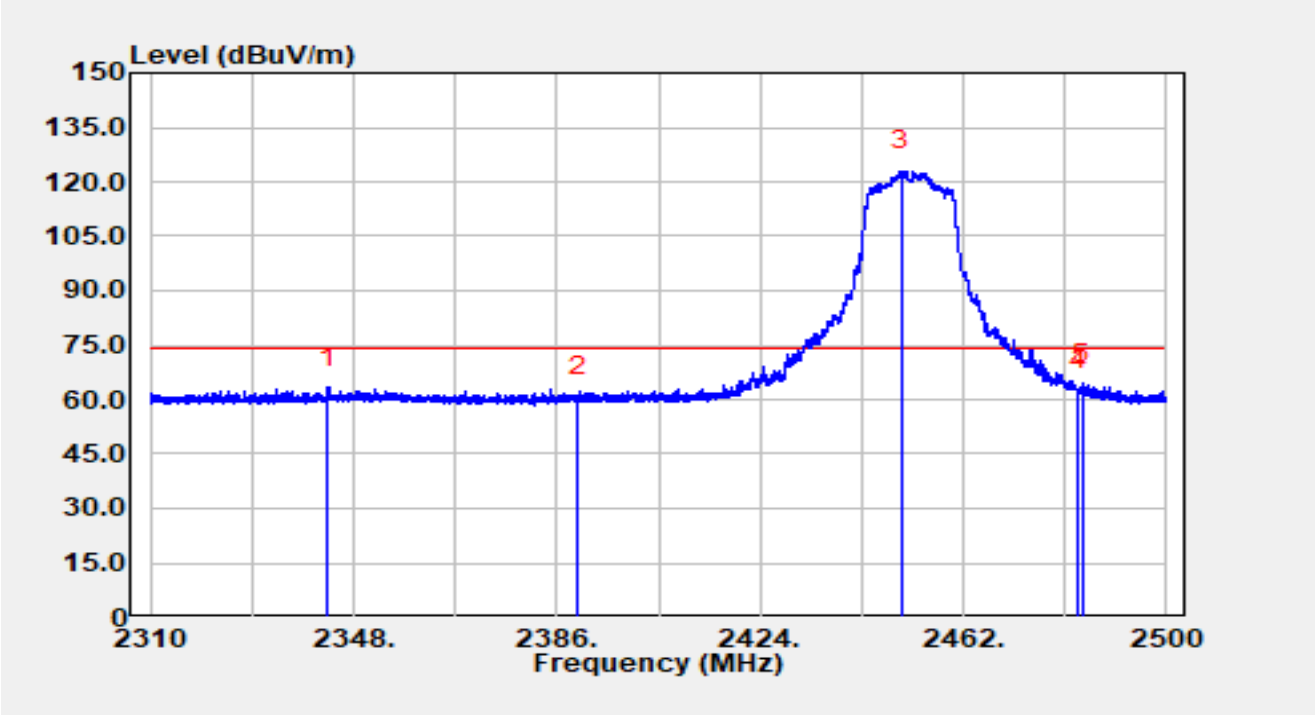
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2452MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2343.27	30.59	32.75	63.33	-10.67	74.00	Peak
2		2390.00	28.37	32.52	60.89	-13.11	74.00	Peak
3		2450.32	90.50	32.37	122.87	N/A	N/A	Peak
4		2483.50	30.19	32.40	62.58	-11.42	74.00	Peak
5	*	2484.29	32.11	32.40	64.51	-9.49	74.00	Peak

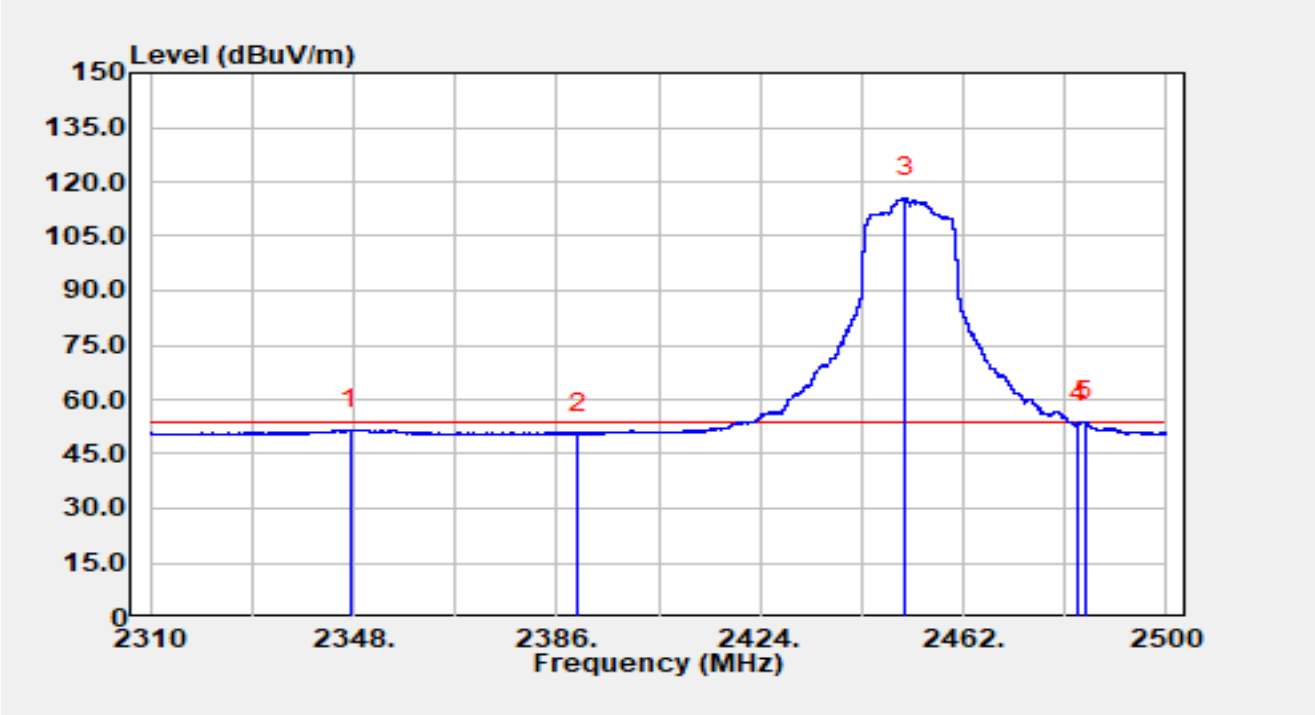
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2452MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2347.43	18.99	32.75	51.73	-2.27	54.00	Average
2		2390.00	18.22	32.52	50.74	-3.26	54.00	Average
3		2451.09	83.11	32.37	115.49	N/A	N/A	Average
4		2483.50	21.03	32.40	53.43	-0.57	54.00	Average
5	*	2484.82	21.46	32.40	53.85	-0.15	54.00	Average

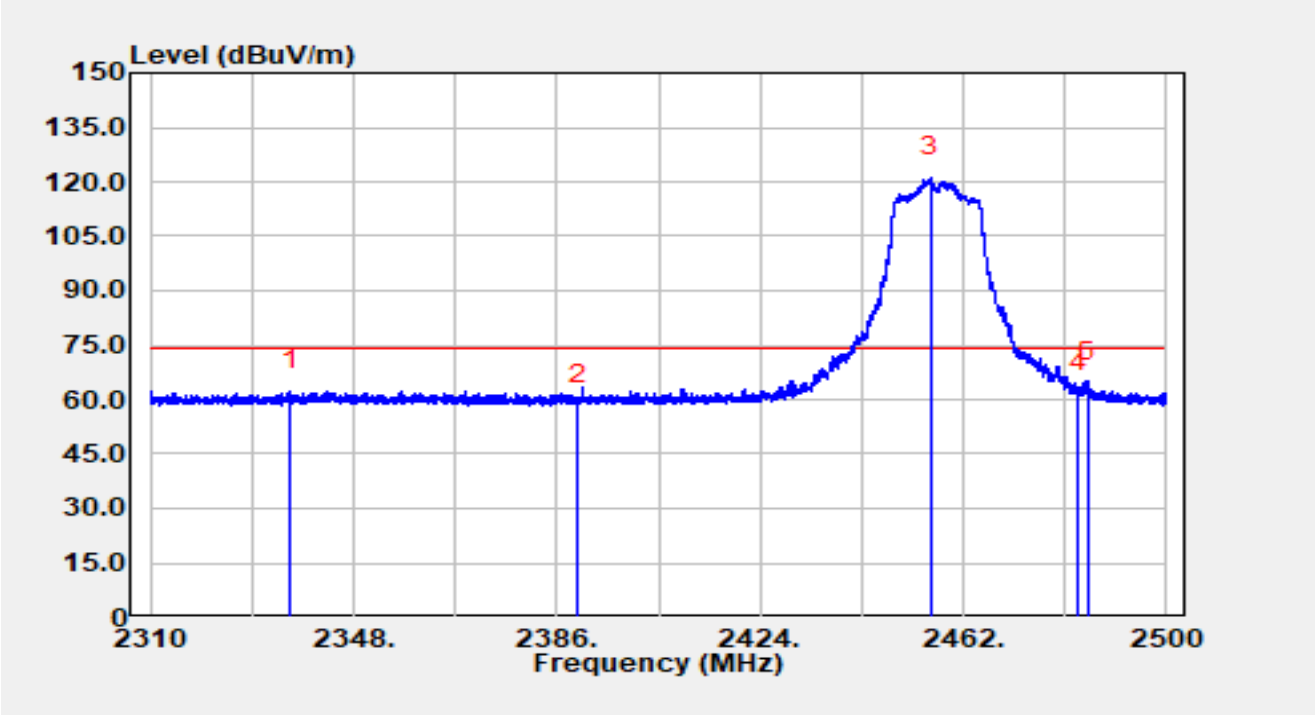
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2457MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2336.13	29.60	32.75	62.35	-11.65	74.00	Peak
2		2390.00	26.04	32.52	58.56	-15.44	74.00	Peak
3		2455.84	88.89	32.36	121.26	N/A	N/A	Peak
4		2483.50	29.84	32.40	62.24	-11.76	74.00	Peak
5	*	2485.14	32.58	32.40	64.97	-9.03	74.00	Peak

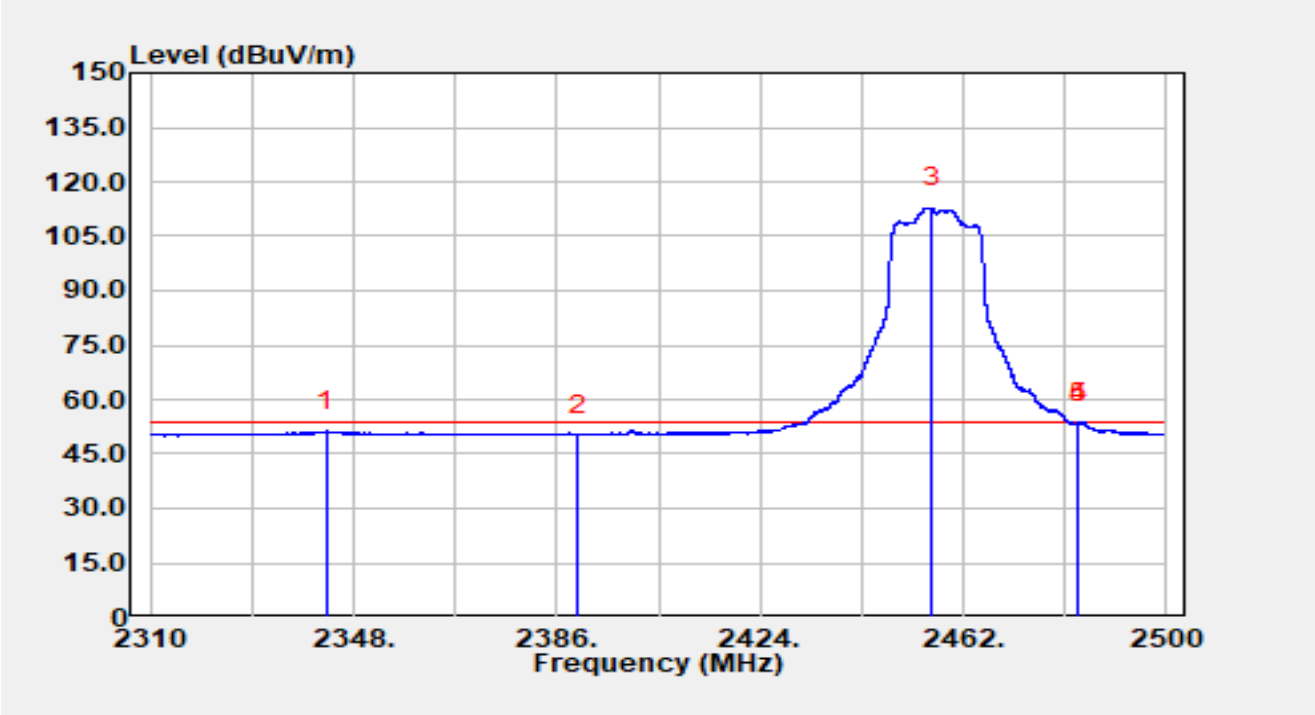
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2457MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2342.91	18.52	32.75	51.27	-2.73	54.00	Average
2		2390.00	17.81	32.52	50.32	-3.68	54.00	Average
3		2456.05	80.45	32.36	112.82	N/A	N/A	Average
4	*	2483.50	21.26	32.40	53.66	-0.34	54.00	Average
5		2483.51	21.26	32.40	53.66	-0.34	54.00	Average

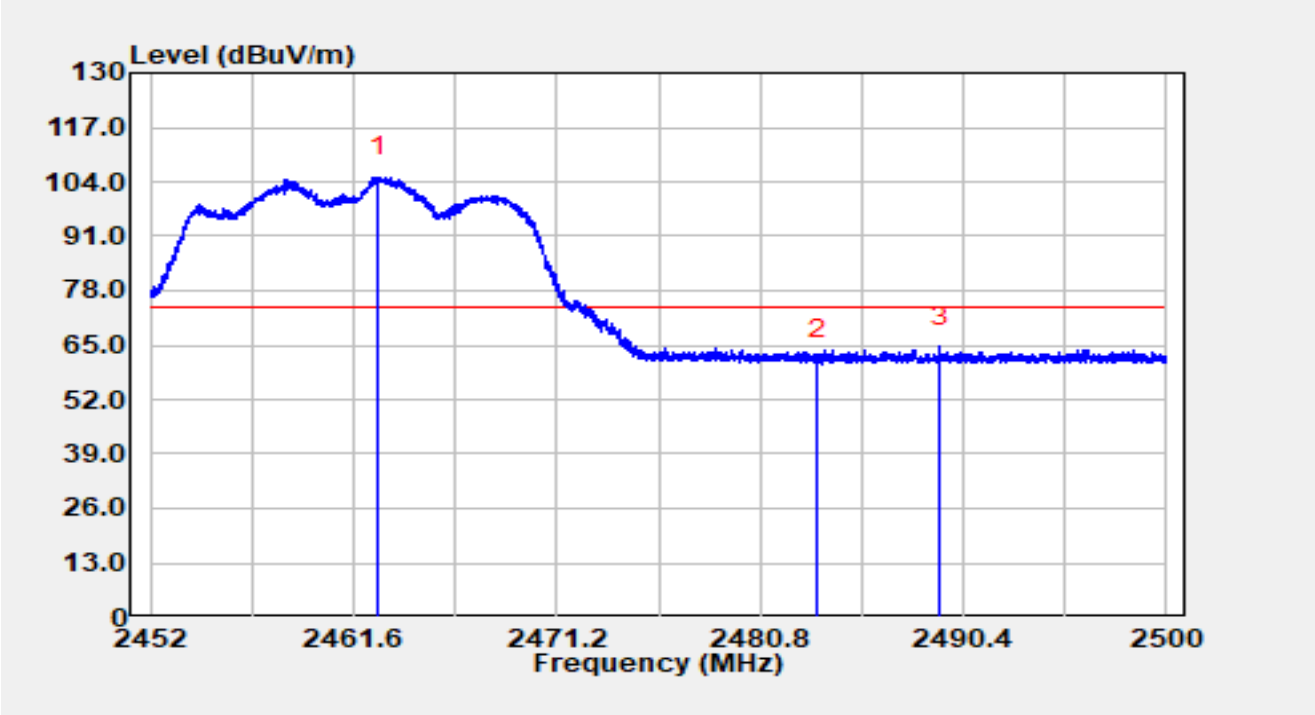
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2462.76	72.71	32.37	105.08	N/A	N/A	Peak
2		2483.50	29.19	32.40	61.59	-12.41	74.00	Peak
3	*	2489.31	32.20	32.39	64.59	-9.41	74.00	Peak

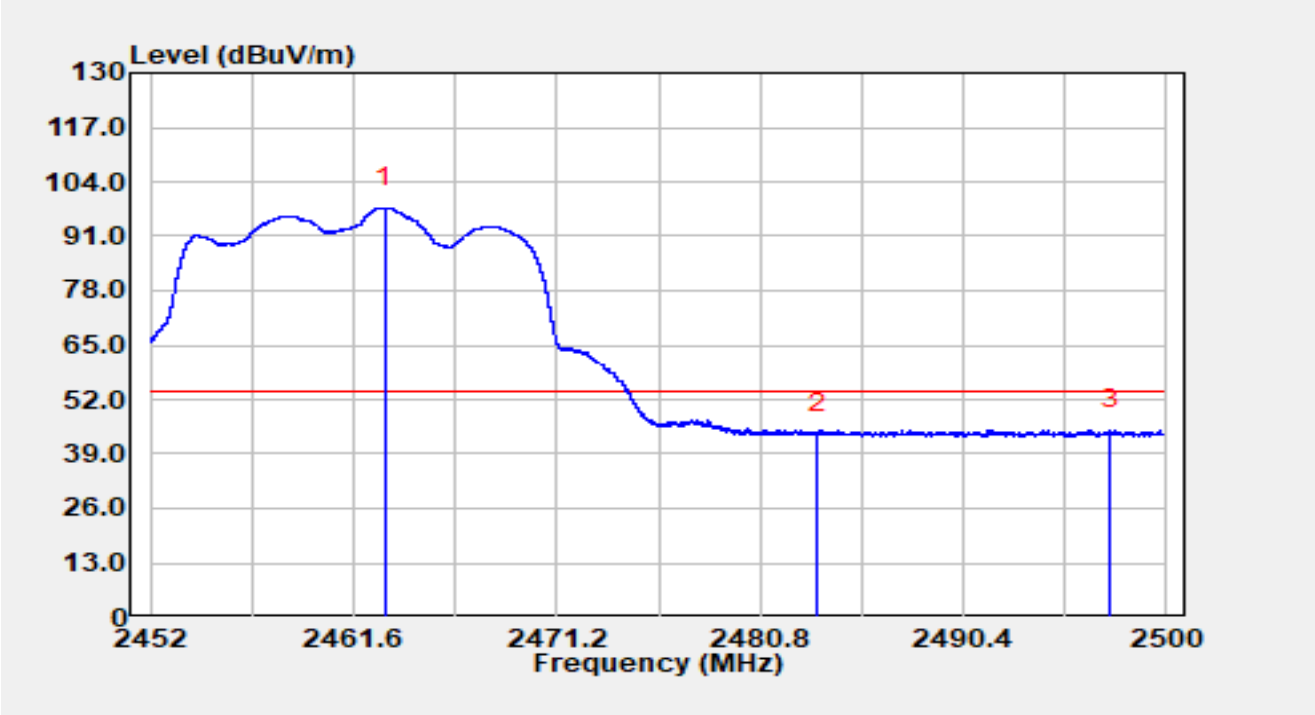
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2463.06	65.49	32.37	97.86	N/A	N/A	Average
2		2483.50	11.44	32.40	43.84	-10.16	54.00	Average
3	*	2497.33	12.29	32.40	44.69	-9.31	54.00	Average

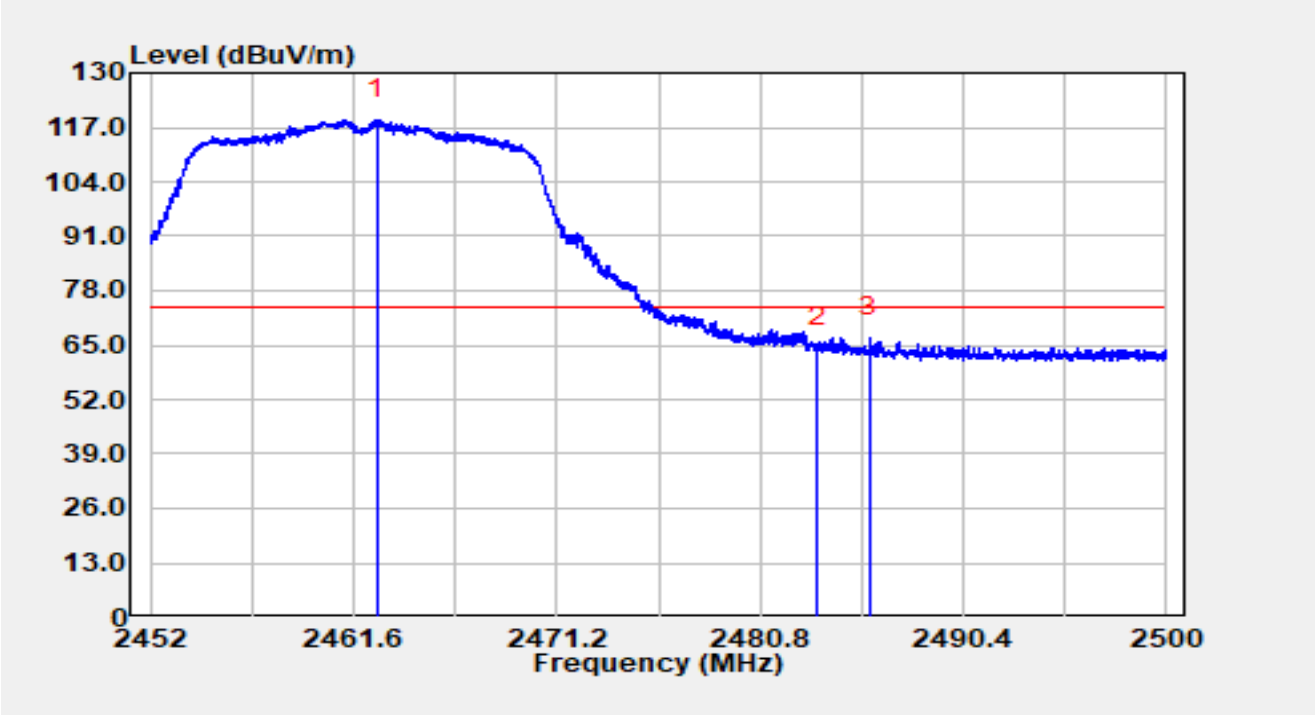
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2462.68	86.54	32.37	118.91	N/A	N/A	Peak
2		2483.50	32.22	32.40	64.62	-9.38	74.00	Peak
3	*	2485.99	34.47	32.40	66.87	-7.13	74.00	Peak

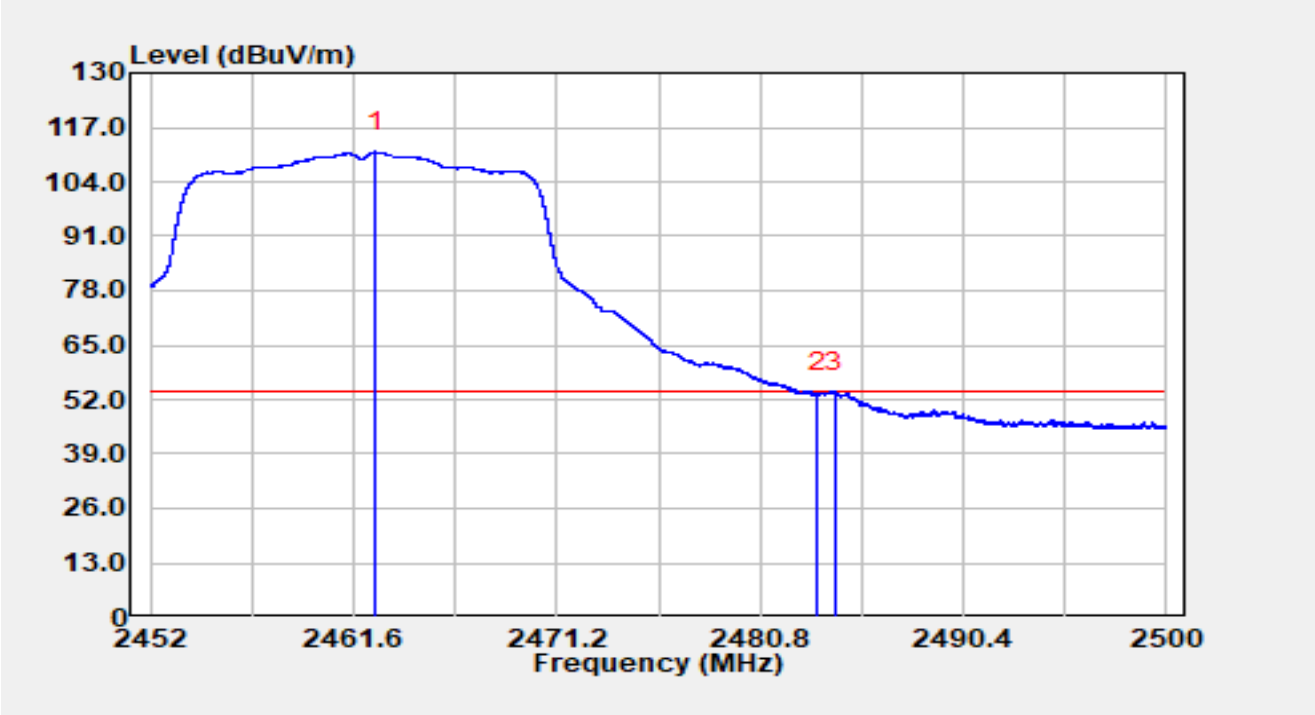
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11g at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2462.63	78.77	32.37	111.15	N/A	N/A	Average
2		2483.50	21.15	32.40	53.54	-0.46	54.00	Average
3	*	2484.31	21.45	32.40	53.84	-0.16	54.00	Average

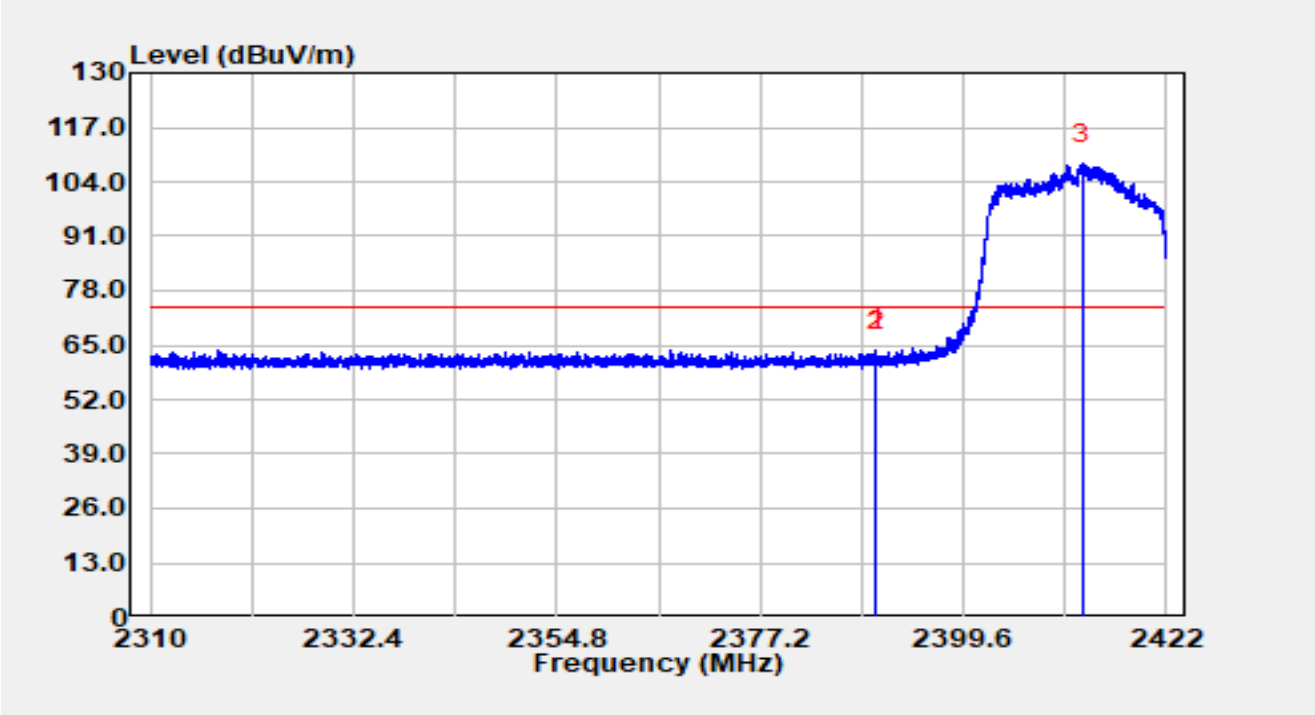
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.98	31.46	32.52	63.98	-10.02	74.00	Peak
2		2390.00	31.14	32.52	63.66	-10.34	74.00	Peak
3		2412.77	75.88	32.46	108.34	N/A	N/A	Peak

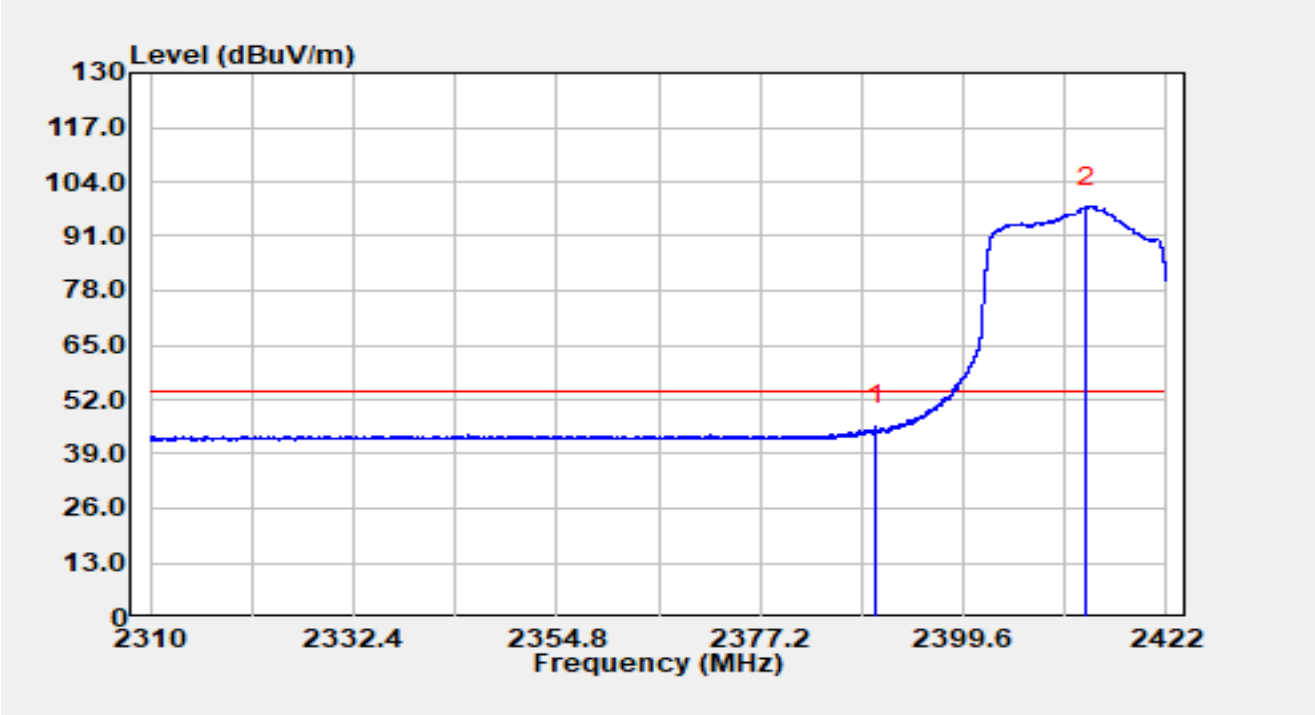
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2390.00	13.16	32.52	45.68	-8.32	54.00	Average
2		2413.17	65.61	32.46	98.07	N/A	N/A	Average

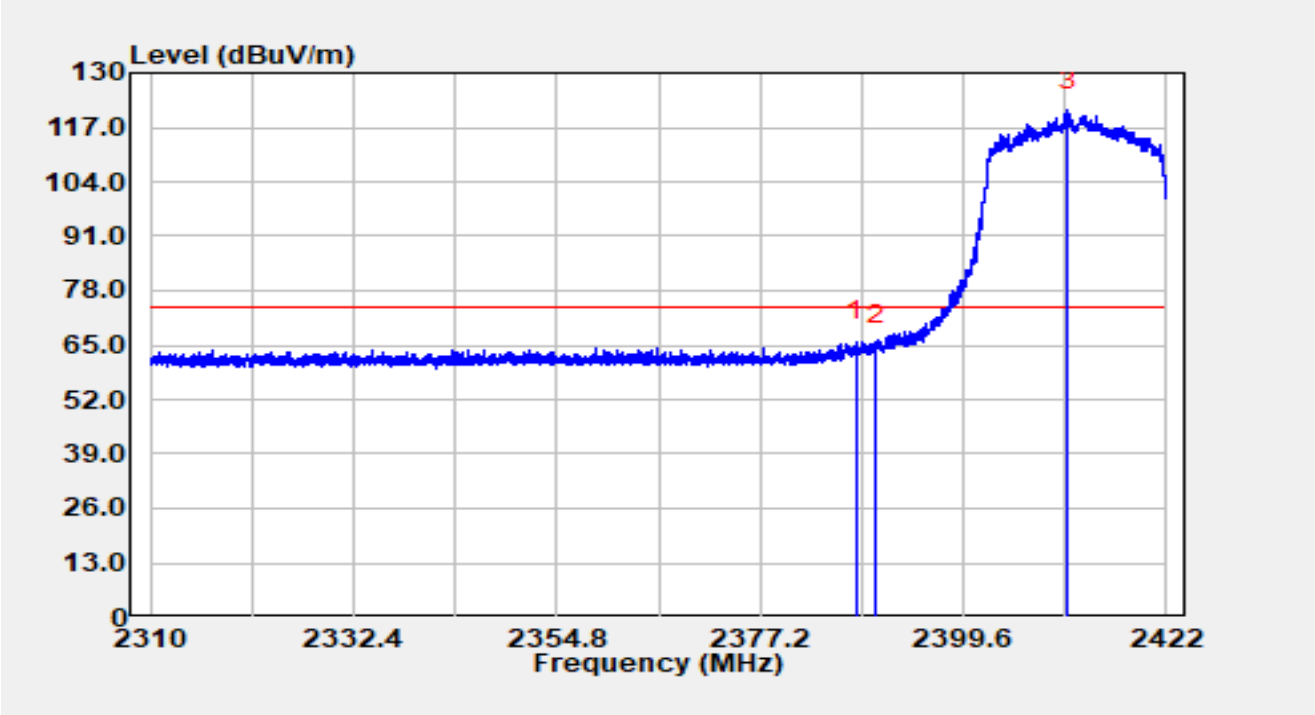
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2387.80	33.23	32.52	65.75	-8.25	74.00	Peak
2		2390.00	32.48	32.52	65.00	-9.00	74.00	Peak
3		2411.06	88.66	32.46	121.12	N/A	N/A	Peak

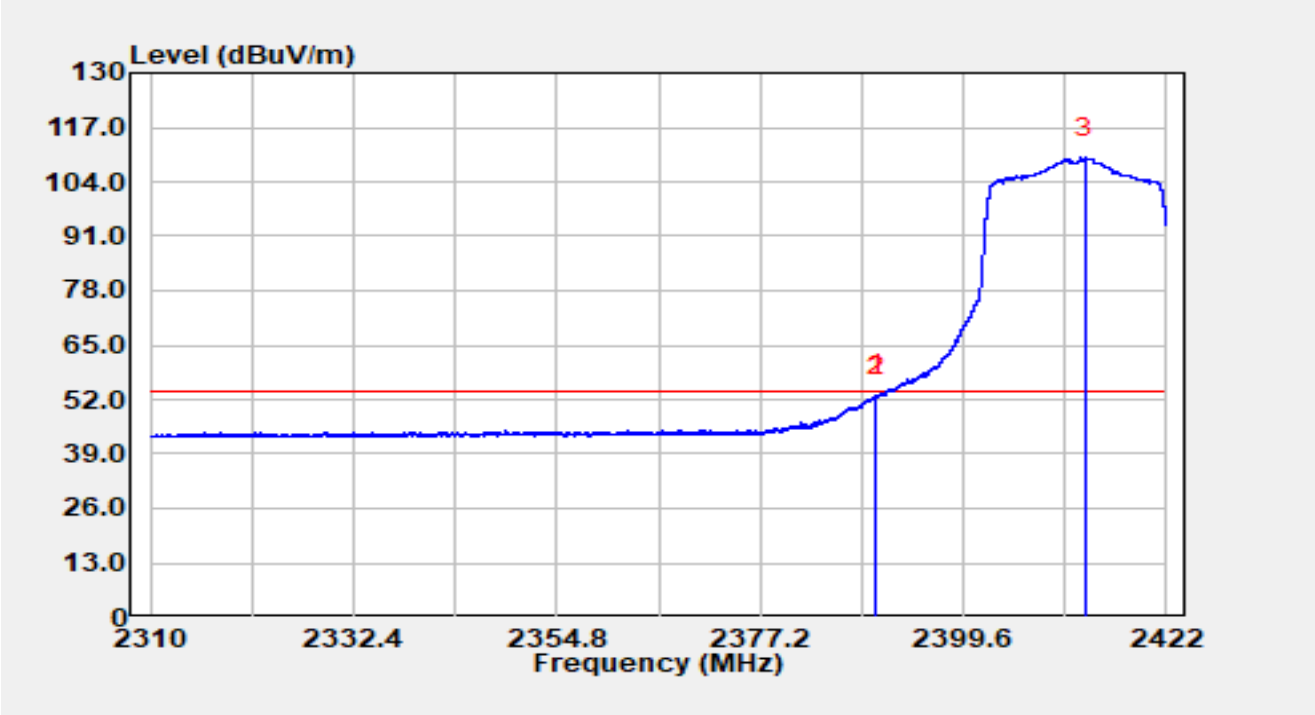
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-21
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2412MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.99	20.55	32.52	53.07	-0.93	54.00	Average
2		2390.00	20.45	32.52	52.97	-1.03	54.00	Average
3		2413.03	77.23	32.46	109.69	N/A	N/A	Average

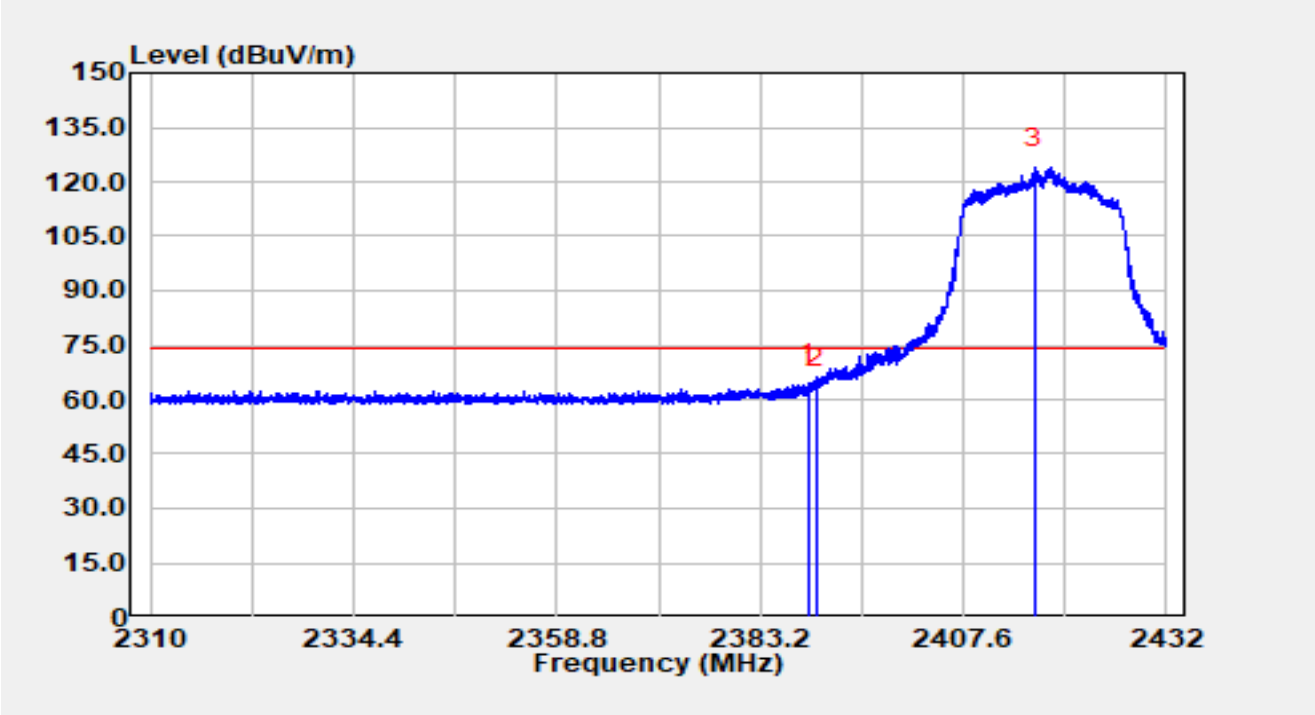
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2417MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.03	31.94	32.52	64.46	-9.54	74.00	Peak
2		2390.00	30.51	32.52	63.02	-10.98	74.00	Peak
3		2416.19	91.40	32.45	123.85	N/A	N/A	Peak

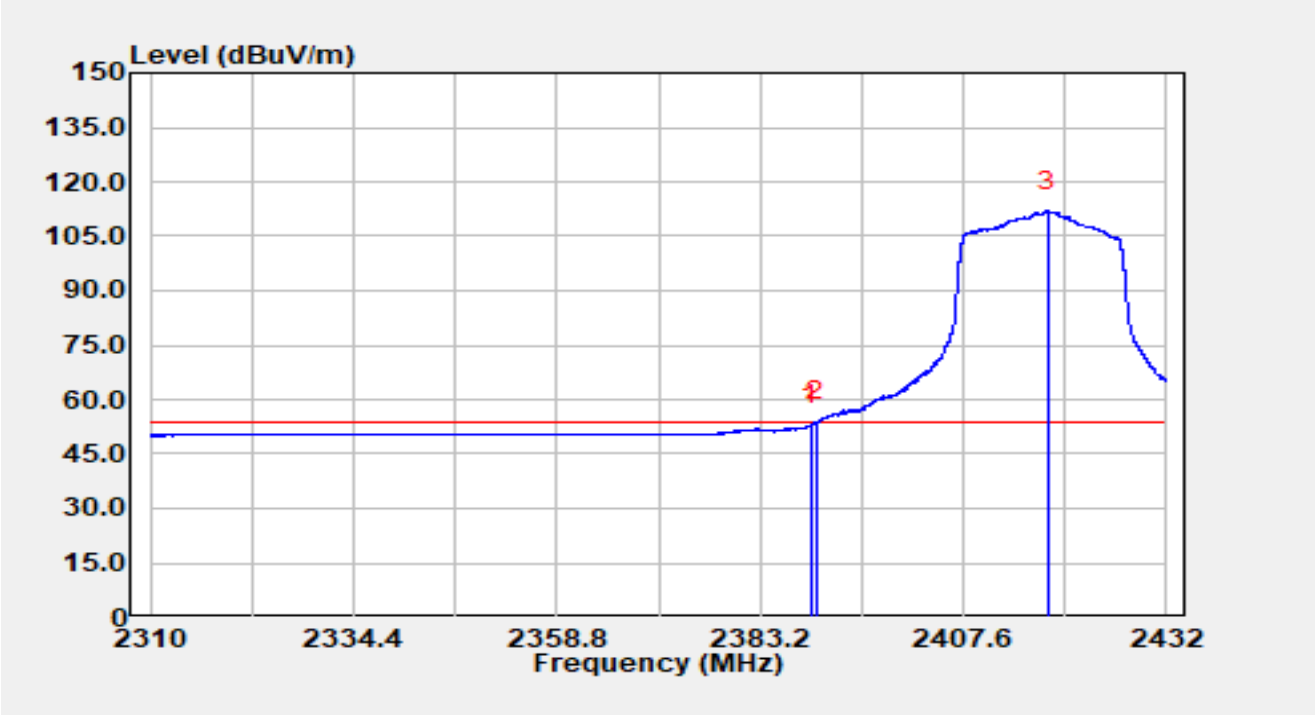
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2417MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2389.28	20.46	32.52	52.98	-1.02	54.00	Average
2	*	2390.00	21.27	32.52	53.79	-0.21	54.00	Average
3		2417.67	79.45	32.45	111.90	N/A	N/A	Average

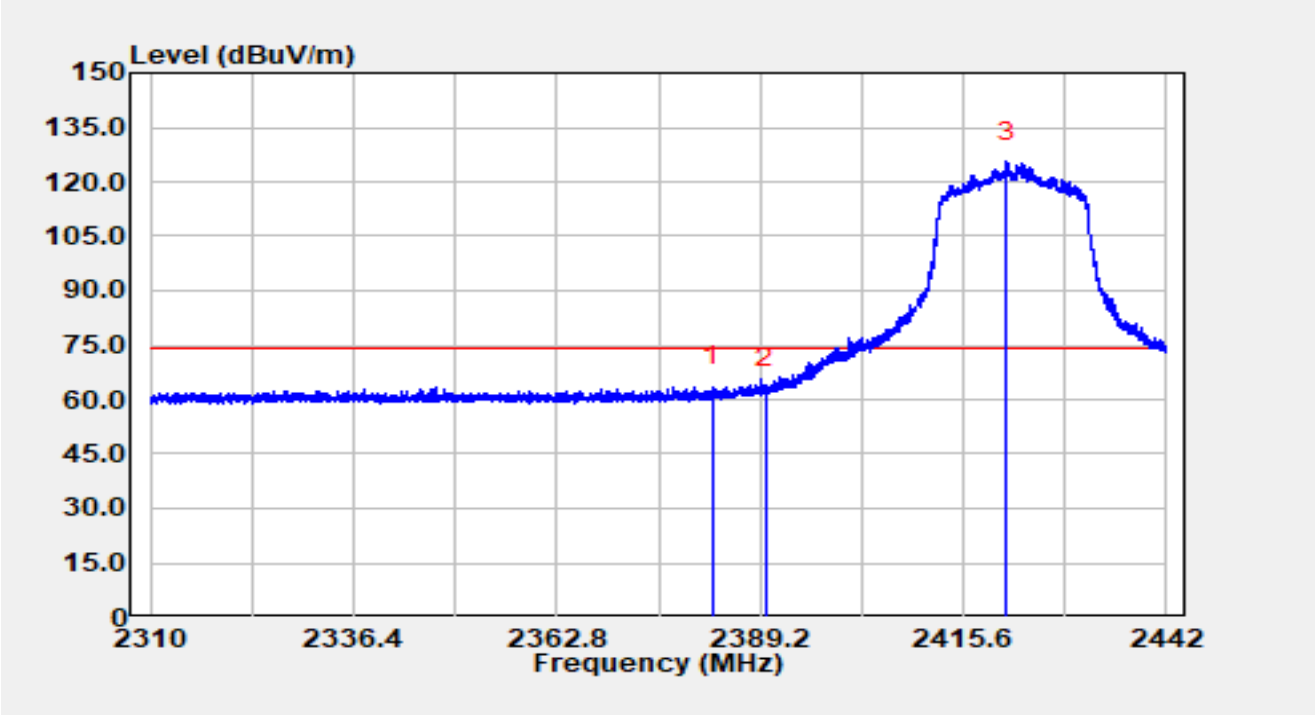
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2422MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2383.05	31.10	32.53	63.63	-10.37	74.00	Peak
2		2390.00	30.77	32.52	63.29	-10.71	74.00	Peak
3		2421.18	93.07	32.44	125.51	N/A	N/A	Peak

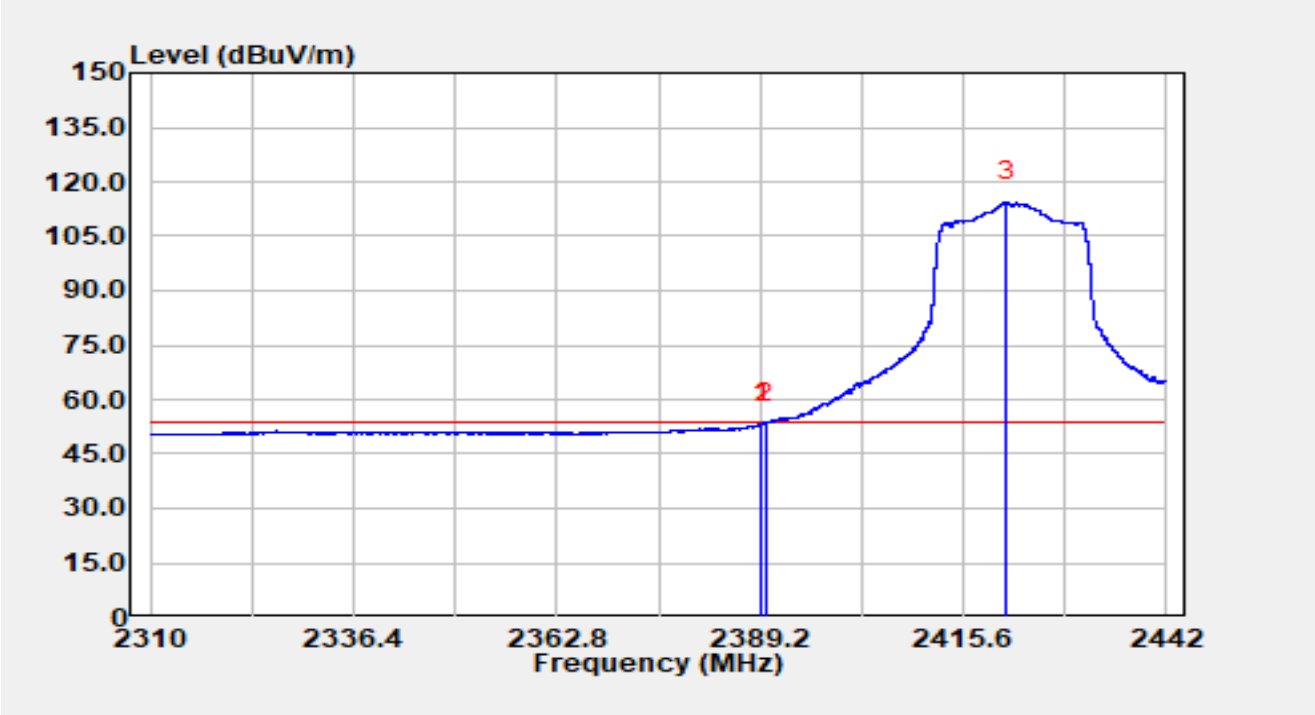
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2422MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2389.44	20.87	32.52	53.39	-0.61	54.00	Average
2	*	2390.00	21.09	32.52	53.60	-0.40	54.00	Average
3		2421.14	82.13	32.44	114.57	N/A	N/A	Average

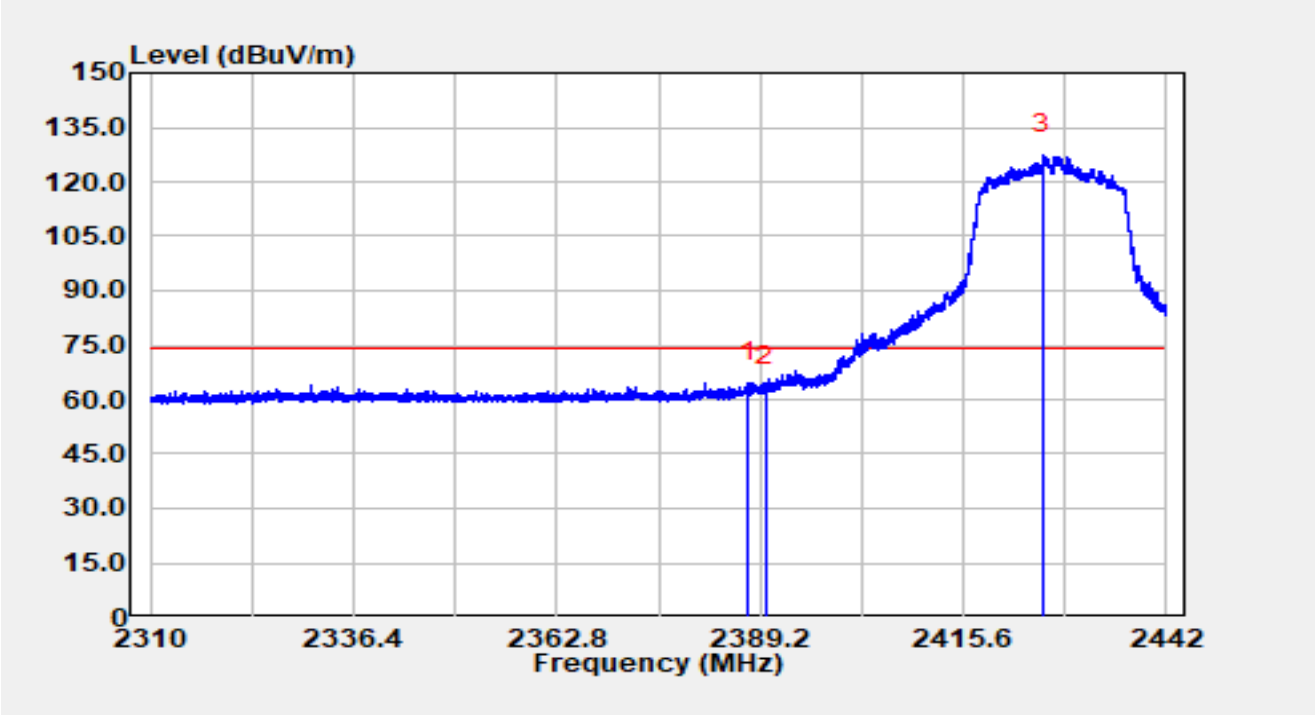
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2427MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2387.64	32.26	32.52	64.78	-9.22	74.00	Peak
2		2390.00	31.17	32.52	63.69	-10.31	74.00	Peak
3		2425.88	95.03	32.43	127.45	N/A	N/A	Peak

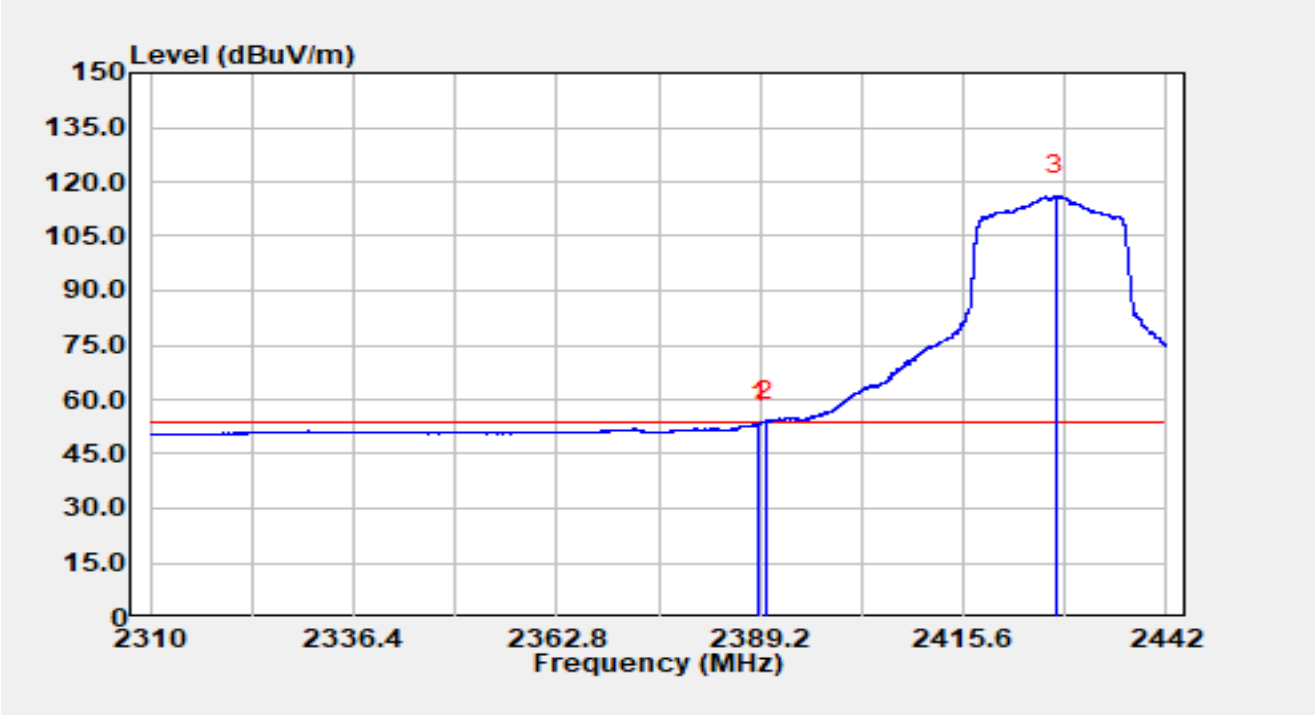
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2427MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2389.09	20.94	32.52	53.46	-0.54	54.00	Average
2	*	2390.00	21.28	32.52	53.80	-0.20	54.00	Average
3		2427.65	83.76	32.42	116.18	N/A	N/A	Average

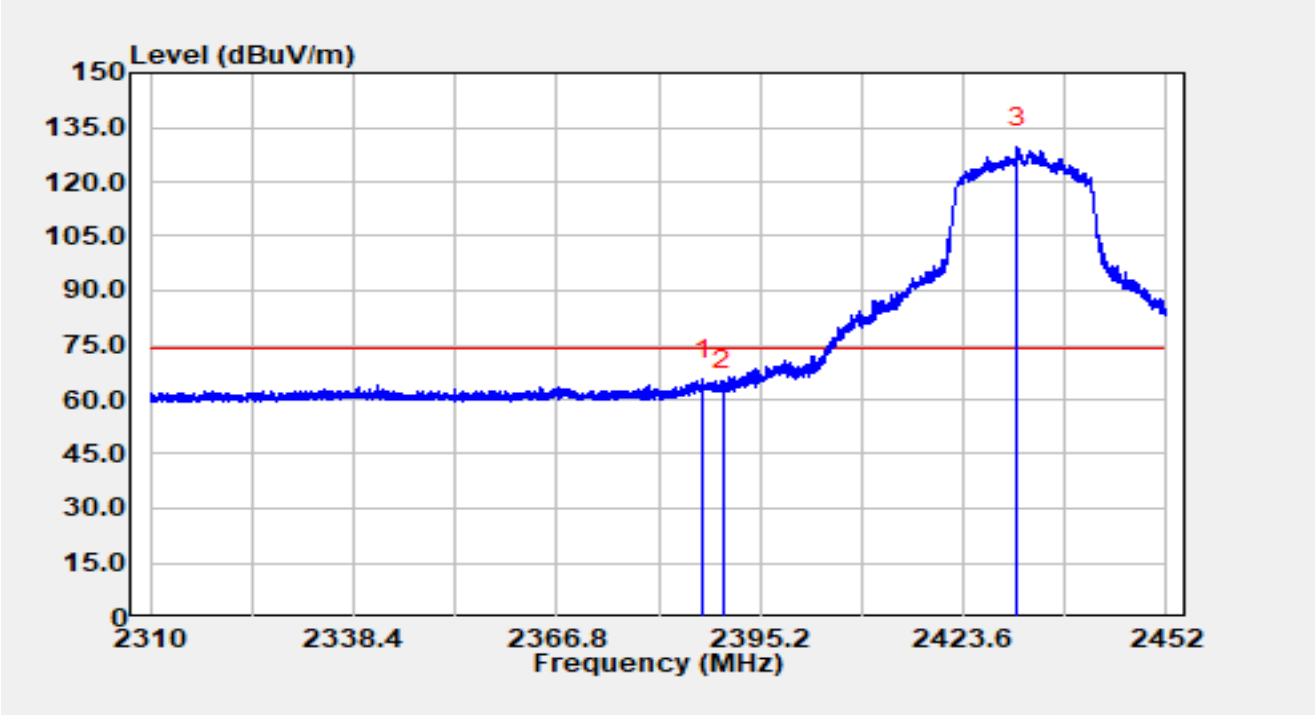
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2432MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2387.22	32.96	32.52	65.48	-8.52	74.00	Peak
2		2390.00	29.86	32.52	62.38	-11.62	74.00	Peak
3		2431.20	97.08	32.41	129.48	N/A	N/A	Peak

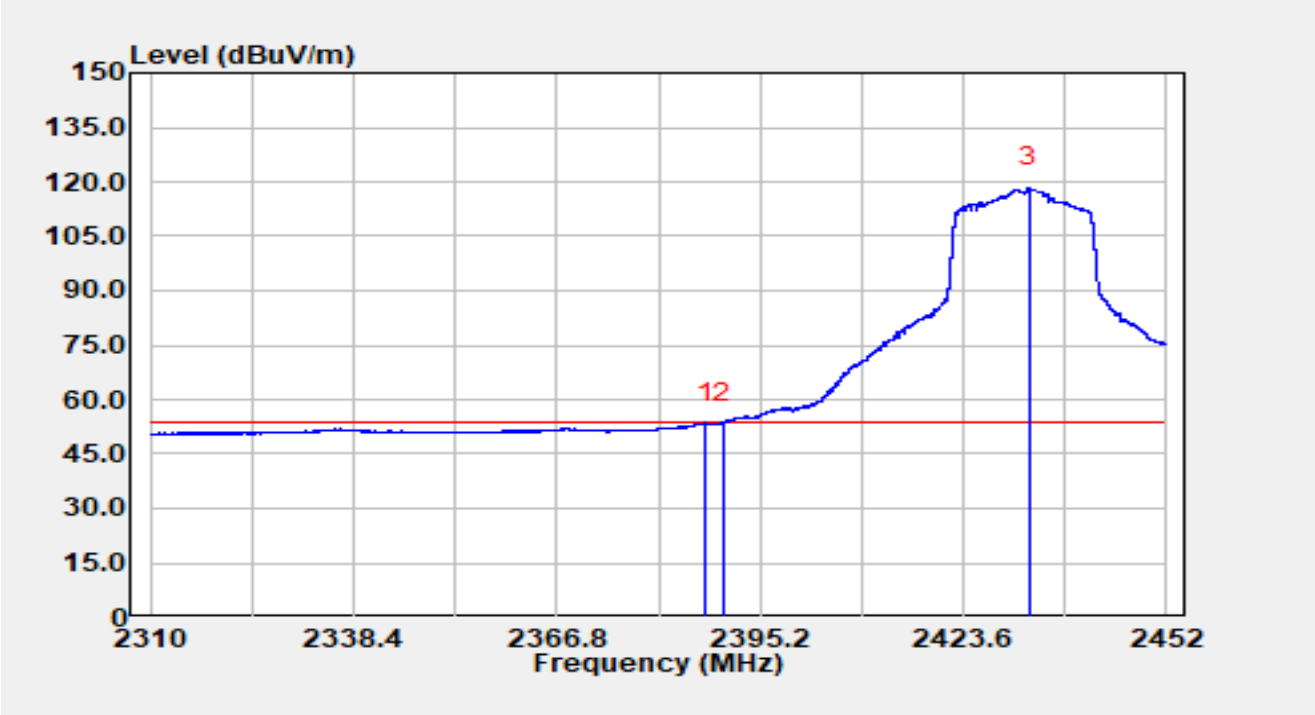
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2432MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2387.62	21.01	32.52	53.54	-0.46	54.00	Average
2		2390.00	21.01	32.52	53.53	-0.47	54.00	Average
3		2432.86	86.02	32.40	118.42	N/A	N/A	Average

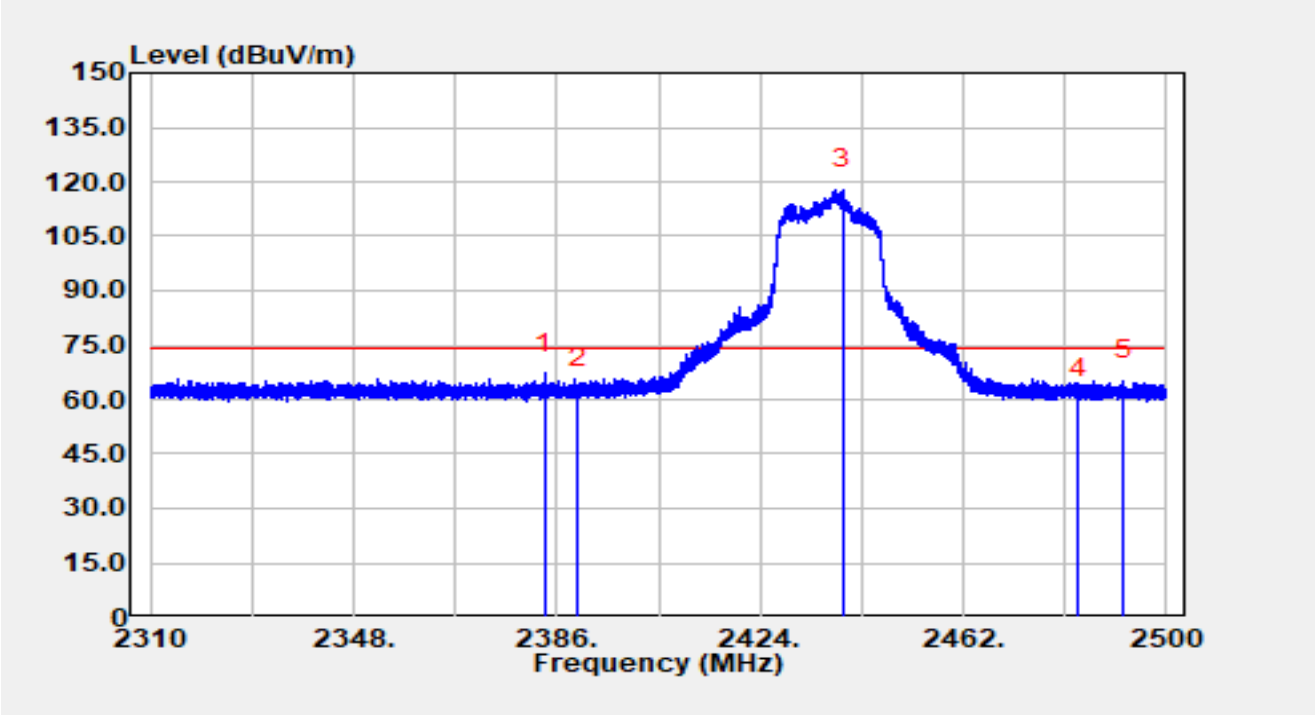
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2383.66	34.58	32.53	67.11	-6.89	74.00	Peak
2		2390.00	30.50	32.52	63.02	-10.98	74.00	Peak
3		2439.50	85.35	32.38	117.74	N/A	N/A	Peak
4		2483.50	28.10	32.40	60.50	-13.50	74.00	Peak
5		2492.08	32.98	32.39	65.37	-8.63	74.00	Peak

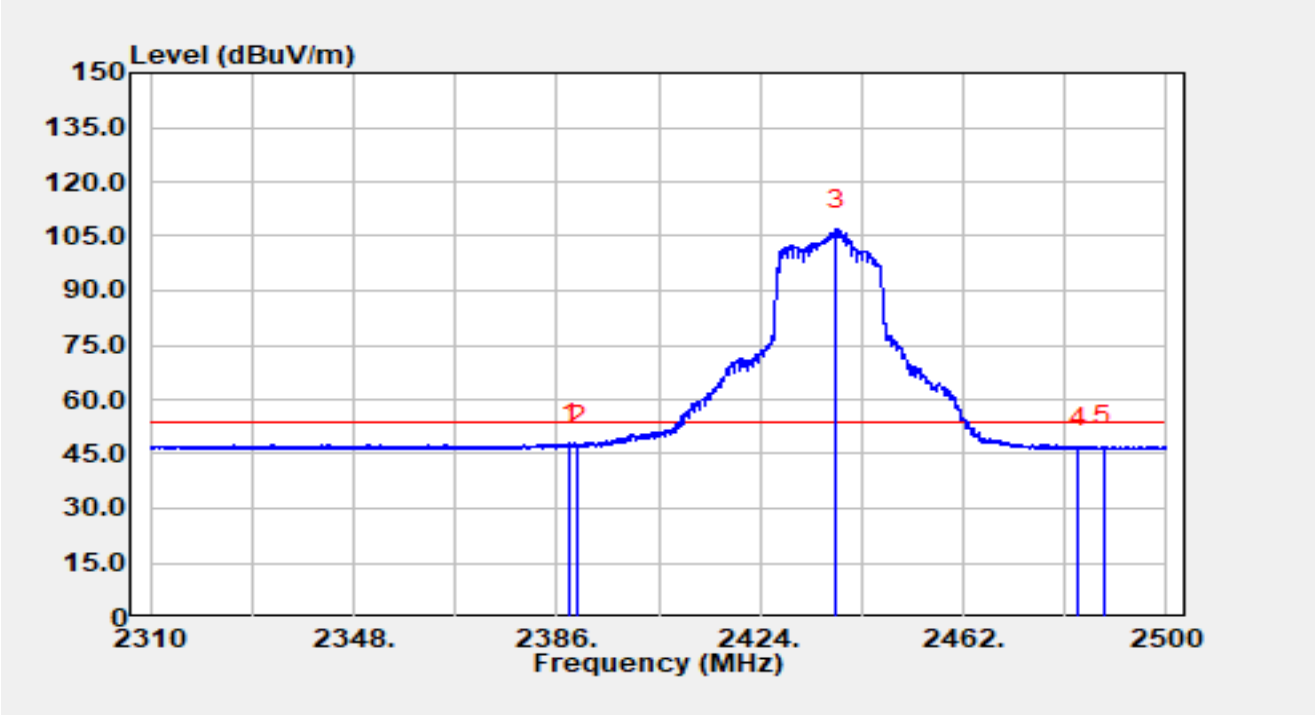
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2388.43	15.40	32.52	47.92	-6.08	54.00	Average
2		2390.00	14.95	32.52	47.47	-6.53	54.00	Average
3		2438.35	74.36	32.39	106.75	N/A	N/A	Average
4		2483.50	14.13	32.40	46.53	-7.47	54.00	Average
5		2488.14	14.63	32.39	47.03	-6.97	54.00	Average

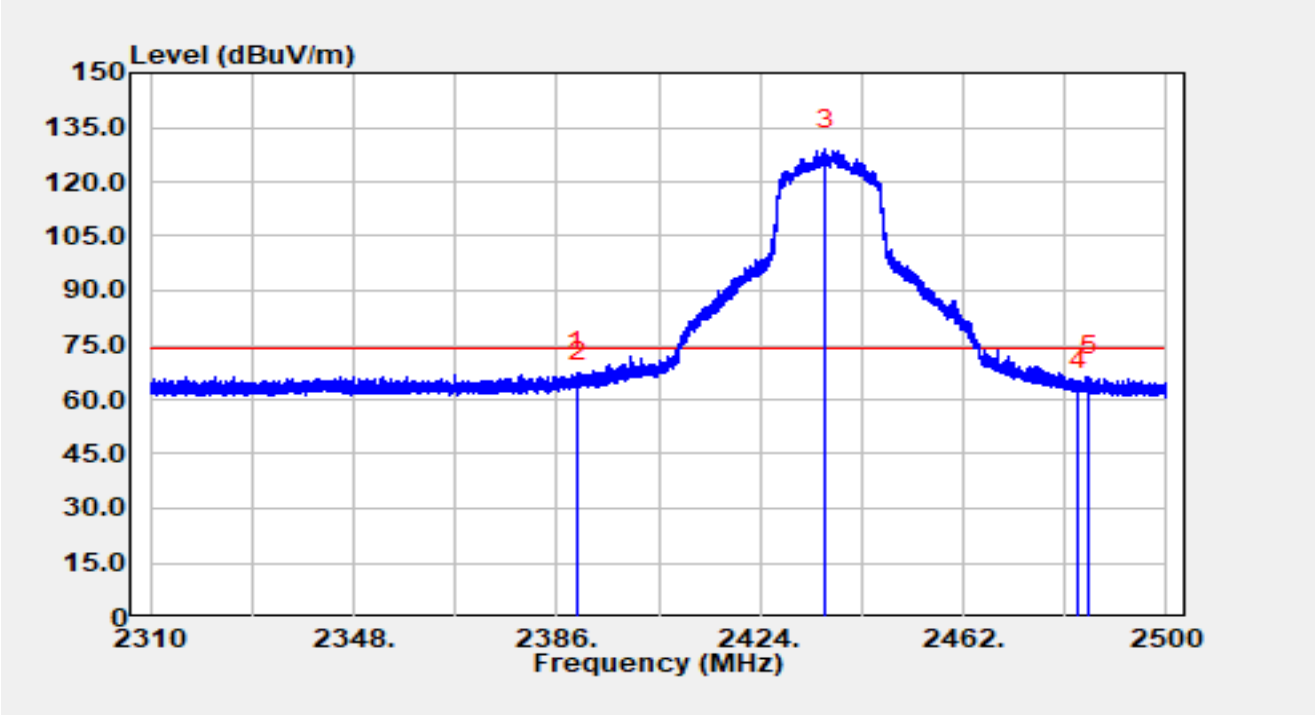
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.80	35.11	32.52	67.63	-6.37	74.00	Peak
2		2390.00	32.20	32.52	64.72	-9.28	74.00	Peak
3		2436.26	96.49	32.39	128.88	N/A	N/A	Peak
4		2483.50	30.43	32.40	62.82	-11.18	74.00	Peak
5		2485.50	33.87	32.40	66.27	-7.73	74.00	Peak

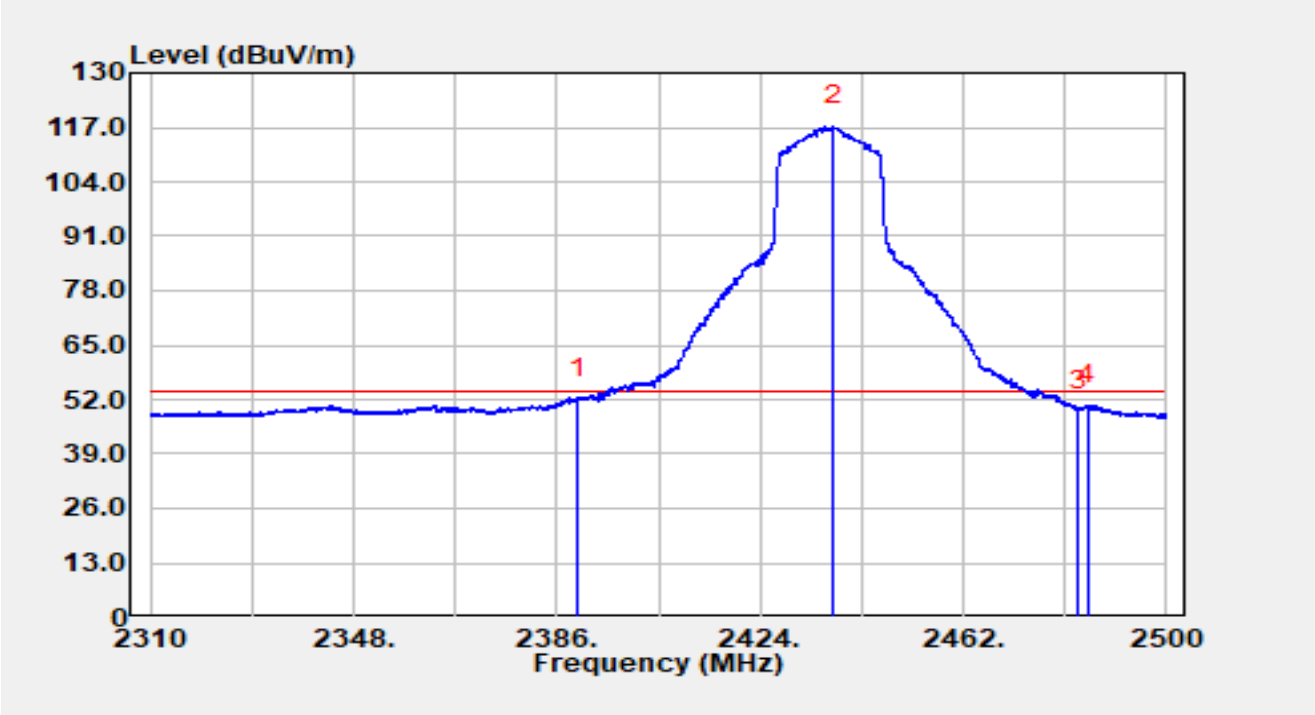
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2390.00	19.61	32.52	52.13	-1.87	54.00	Average
2		2437.60	85.01	32.39	117.39	N/A	N/A	Average
3		2483.50	17.13	32.40	49.52	-4.48	54.00	Average
4		2485.16	18.34	32.40	50.74	-3.26	54.00	Average

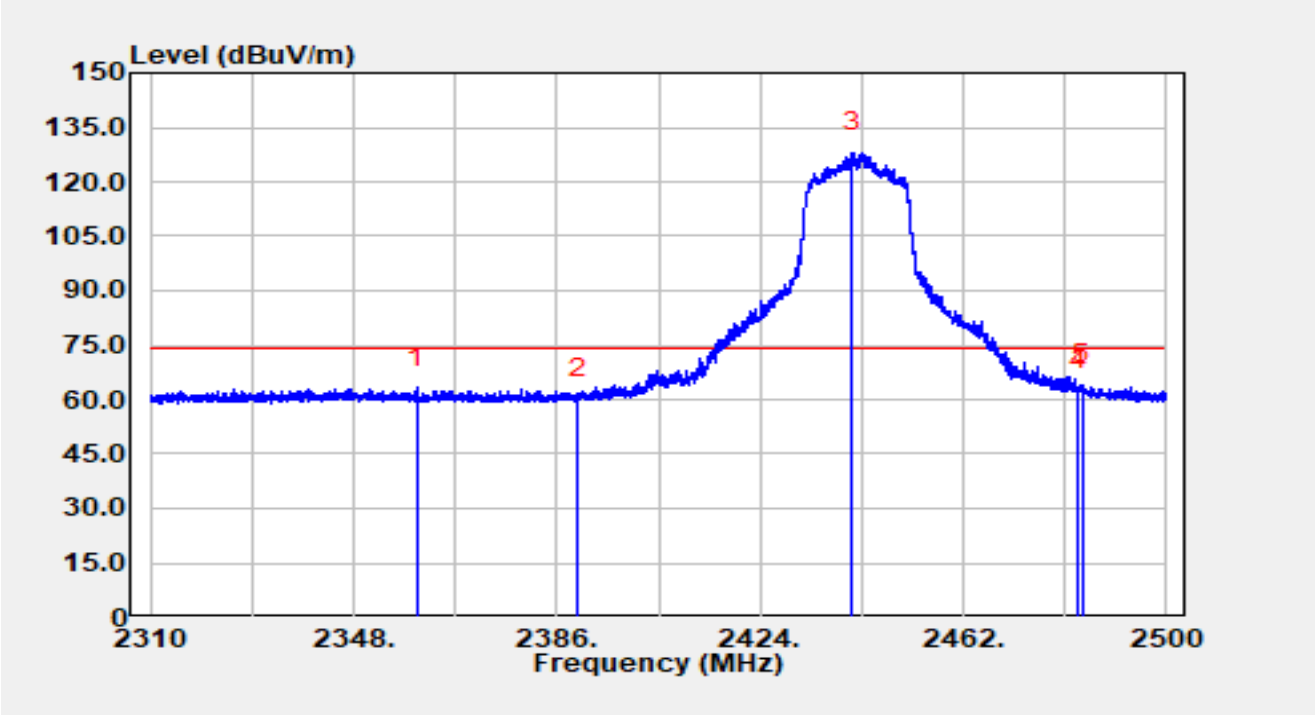
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2442MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2359.74	30.46	32.66	63.12	-10.88	74.00	Peak
2		2390.00	27.75	32.52	60.27	-13.73	74.00	Peak
3		2441.18	95.74	32.38	128.12	N/A	N/A	Peak
4		2483.50	30.15	32.40	62.55	-11.45	74.00	Peak
5	*	2484.21	31.72	32.40	64.12	-9.88	74.00	Peak

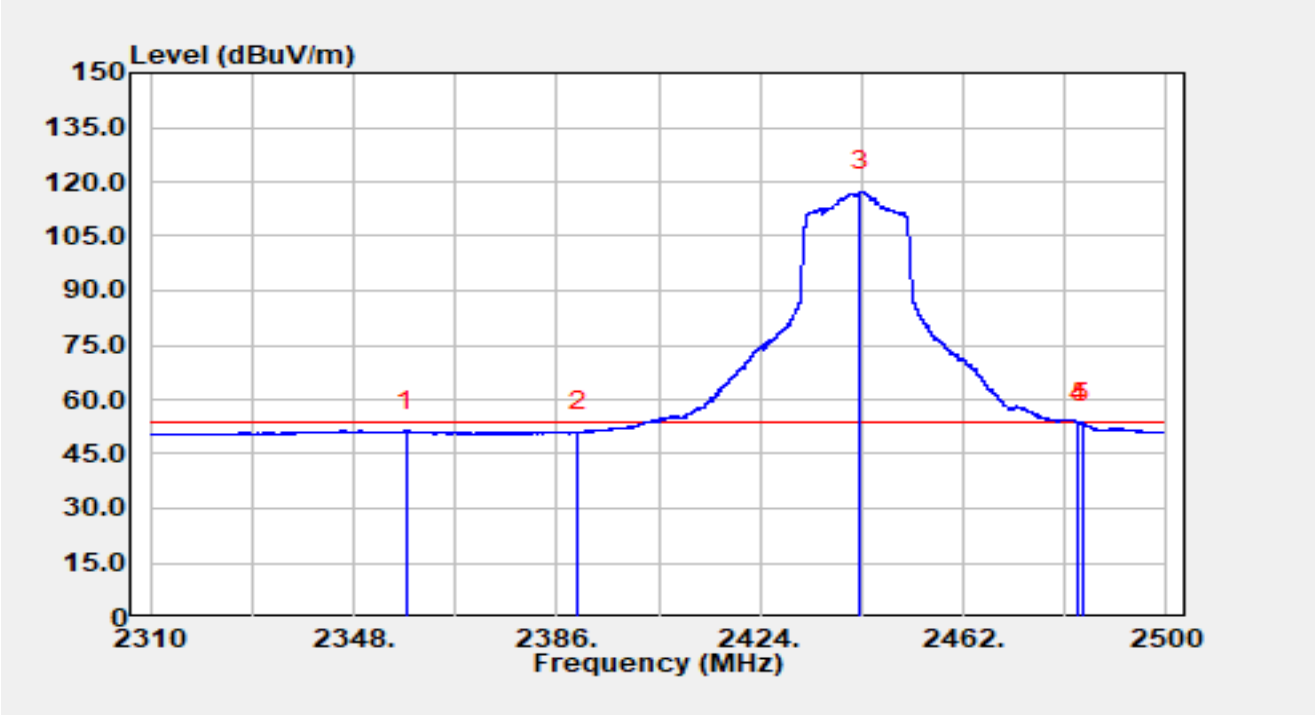
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2442MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2357.92	18.76	32.68	51.44	-2.56	54.00	Average
2		2390.00	18.43	32.52	50.95	-3.05	54.00	Average
3		2442.79	84.85	32.38	117.23	N/A	N/A	Average
4	*	2483.50	21.35	32.40	53.75	-0.25	54.00	Average
5		2484.29	21.13	32.40	53.53	-0.47	54.00	Average

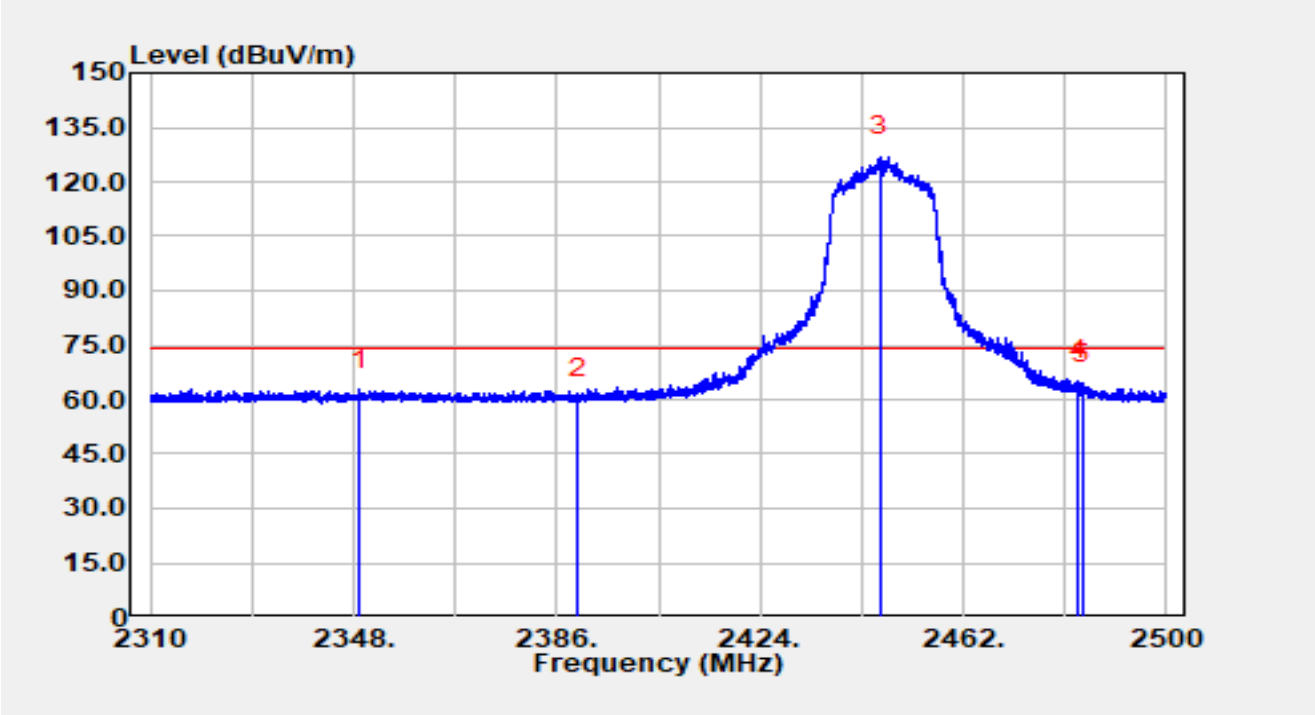
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2447MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2349.06	29.88	32.74	62.62	-11.38	74.00	Peak
2		2390.00	27.70	32.52	60.22	-13.78	74.00	Peak
3		2446.52	94.49	32.38	126.87	N/A	N/A	Peak
4	*	2483.50	32.85	32.40	65.25	-8.75	74.00	Peak
5		2484.36	31.97	32.40	64.36	-9.64	74.00	Peak

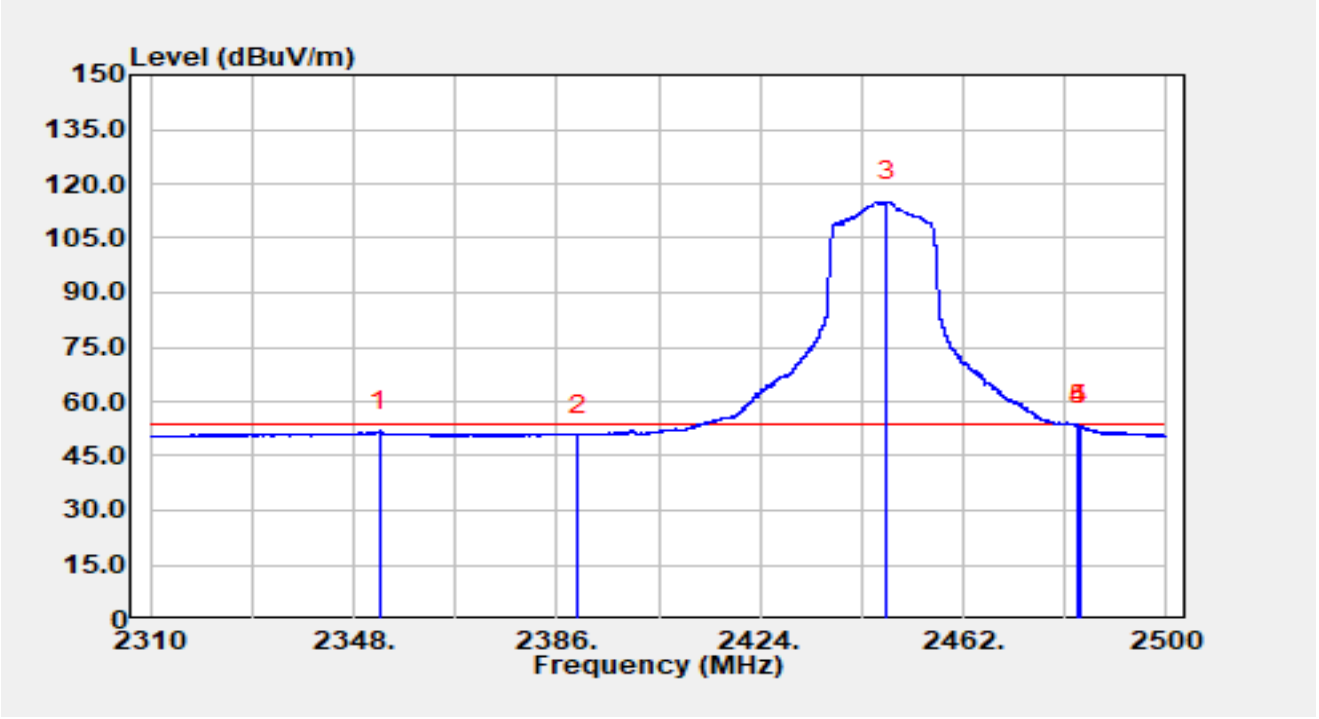
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2447MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2352.90	19.21	32.71	51.93	-2.07	54.00	Average
2		2390.00	18.36	32.52	50.88	-3.12	54.00	Average
3		2447.66	82.81	32.38	115.19	N/A	N/A	Average
4		2483.50	20.84	32.40	53.23	-0.77	54.00	Average
5	*	2483.89	21.00	32.40	53.39	-0.61	54.00	Average

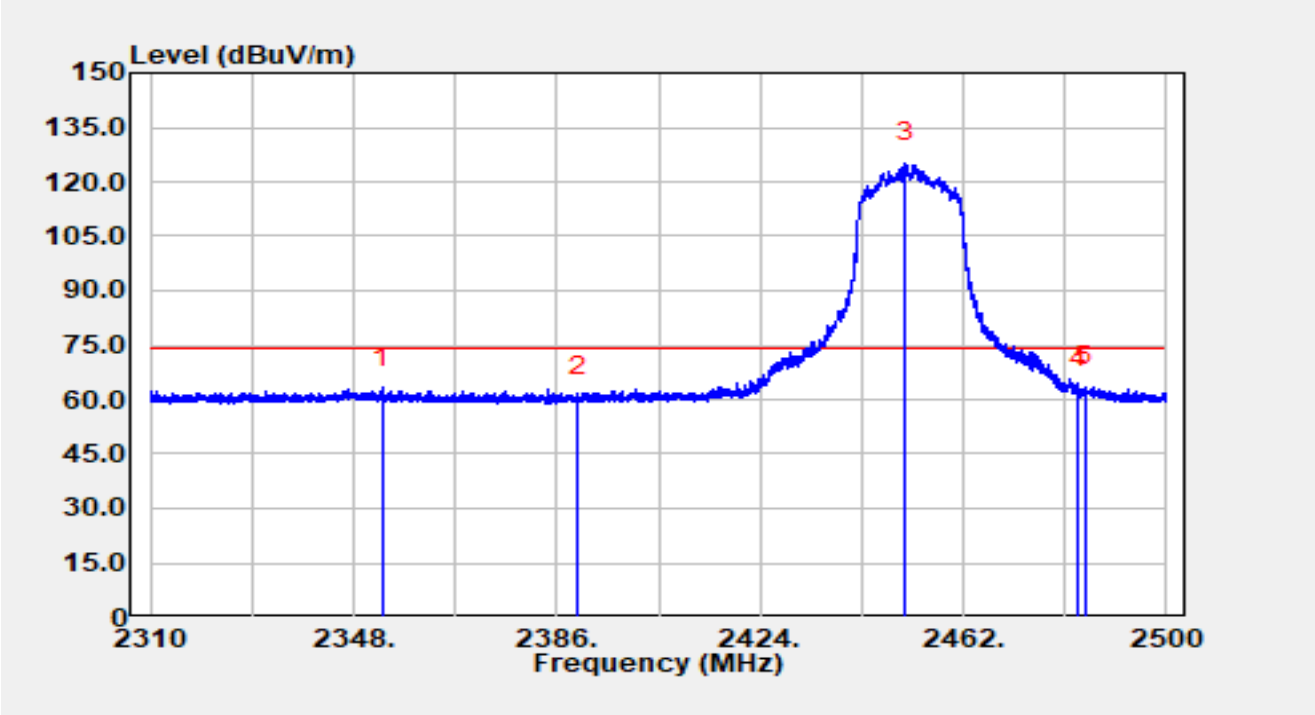
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2452MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2353.26	30.46	32.71	63.17	-10.83	74.00	Peak
2		2390.00	28.25	32.52	60.76	-13.24	74.00	Peak
3		2451.17	92.88	32.37	125.25	N/A	N/A	Peak
4		2483.50	30.98	32.40	63.38	-10.62	74.00	Peak
5	*	2484.67	31.05	32.40	63.45	-10.55	74.00	Peak

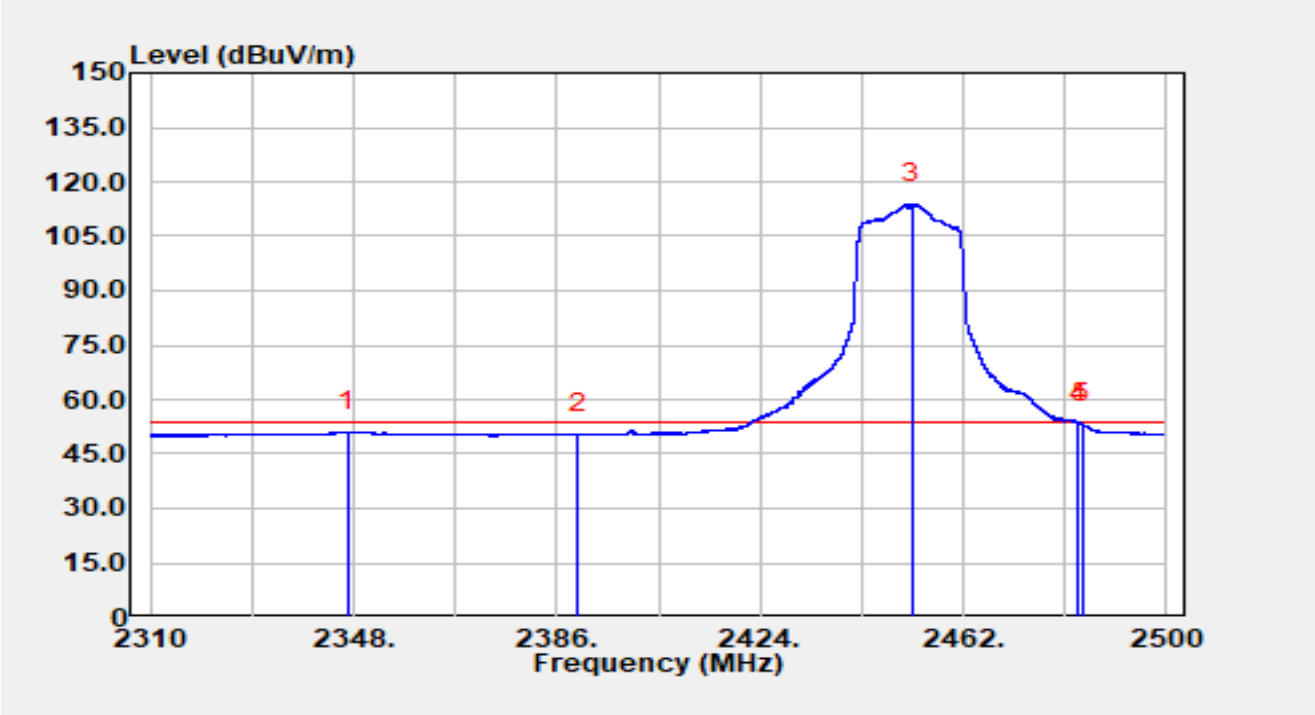
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2452MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2346.80	18.44	32.75	51.19	-2.81	54.00	Average
2		2390.00	17.86	32.52	50.38	-3.62	54.00	Average
3		2452.44	81.61	32.37	113.98	N/A	N/A	Average
4	*	2483.50	21.29	32.40	53.68	-0.32	54.00	Average
5		2484.19	20.94	32.40	53.34	-0.66	54.00	Average

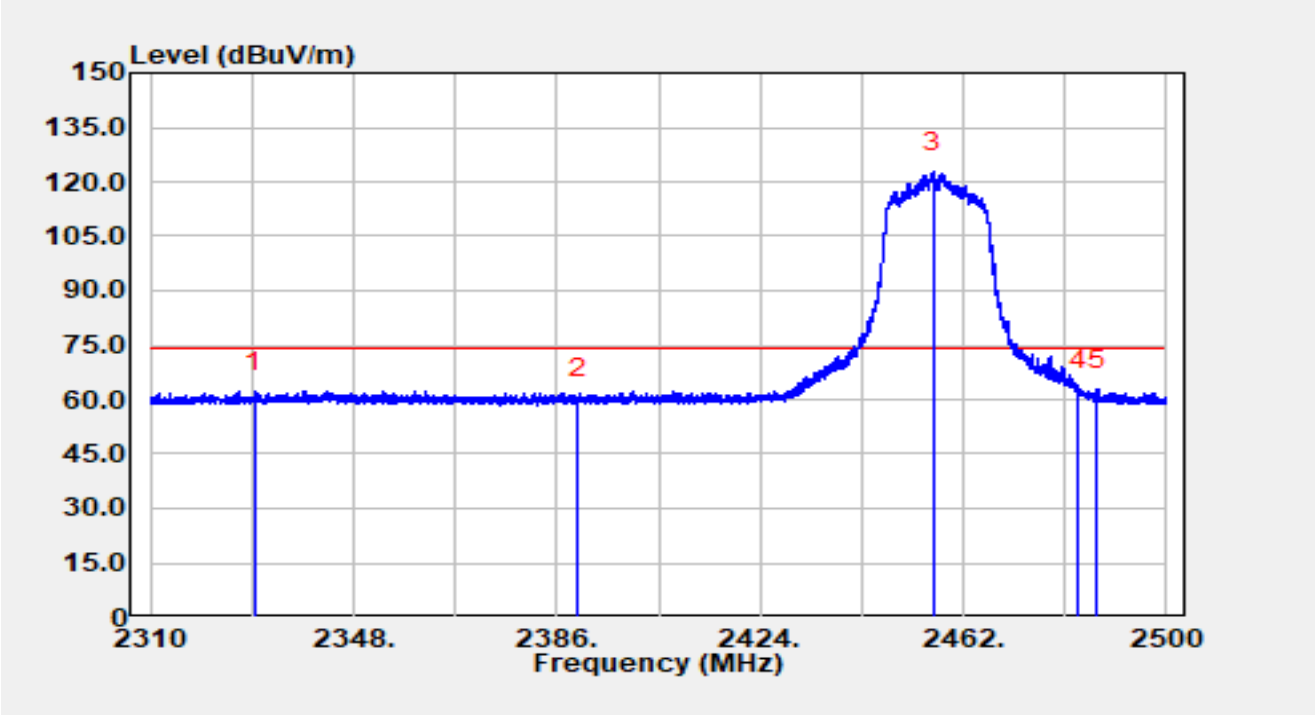
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2457MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2329.55	29.37	32.75	62.12	-11.88	74.00	Peak
2		2390.00	27.81	32.52	60.33	-13.67	74.00	Peak
3		2456.30	90.18	32.36	122.55	N/A	N/A	Peak
4		2483.50	30.04	32.40	62.44	-11.56	74.00	Peak
5	*	2487.12	30.30	32.39	62.70	-11.30	74.00	Peak

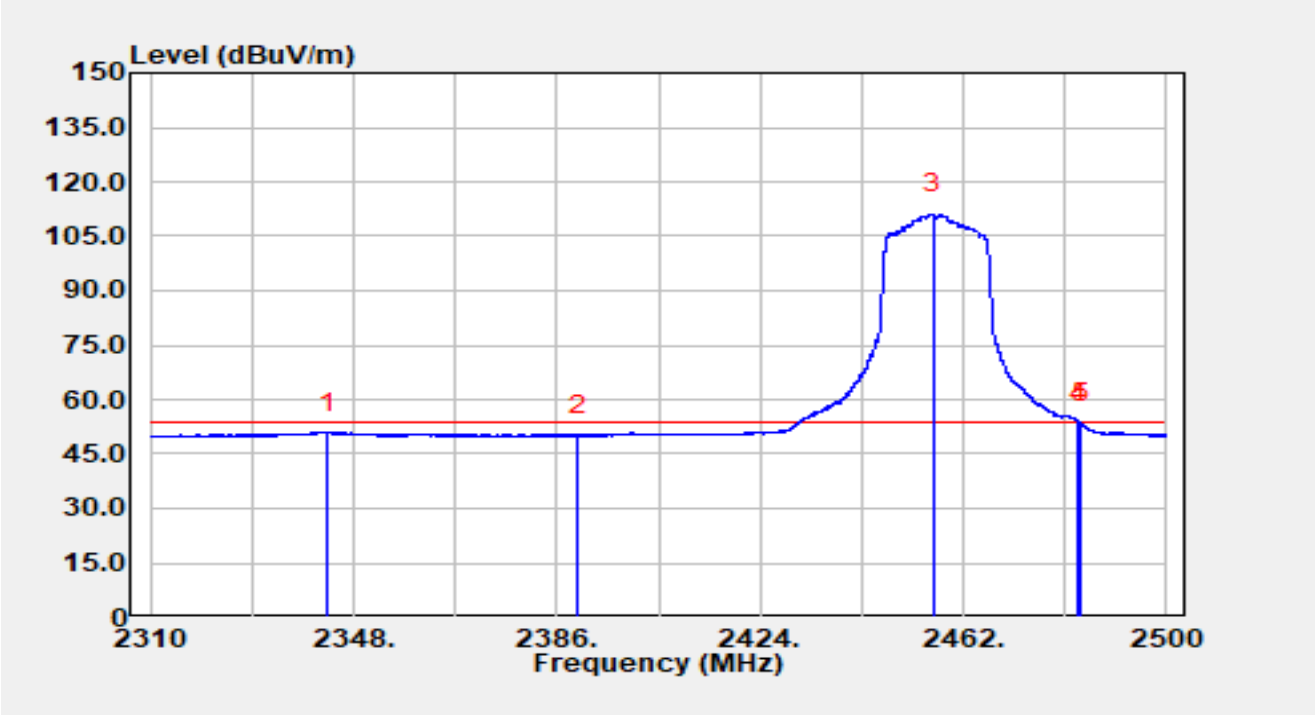
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2457MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2343.12	18.19	32.75	50.94	-3.06	54.00	Average
2		2390.00	17.71	32.52	50.23	-3.77	54.00	Average
3		2456.32	78.85	32.36	111.21	N/A	N/A	Average
4	*	2483.50	21.37	32.40	53.77	-0.23	54.00	Average
5		2484.02	20.81	32.40	53.21	-0.79	54.00	Average

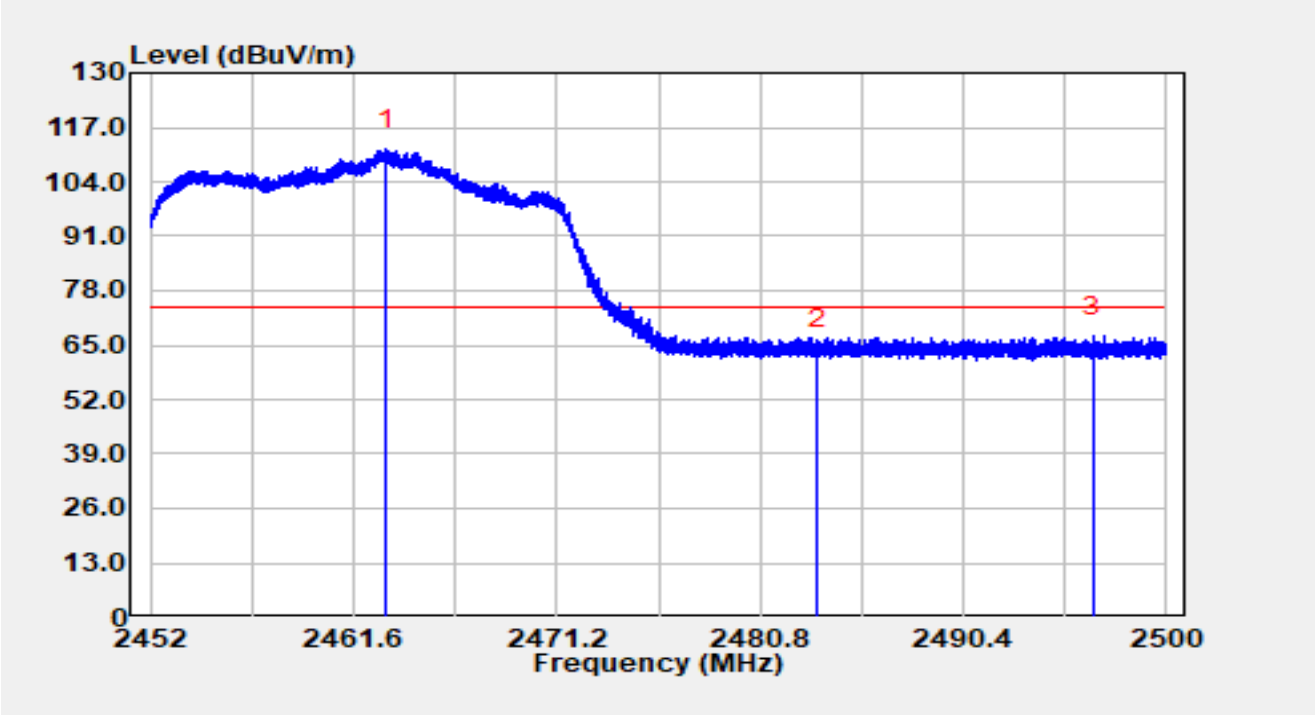
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2463.14	79.35	32.37	111.73	N/A	N/A	Peak
2		2483.50	31.44	32.40	63.84	-10.16	74.00	Peak
3	*	2496.51	34.67	32.40	67.07	-6.93	74.00	Peak

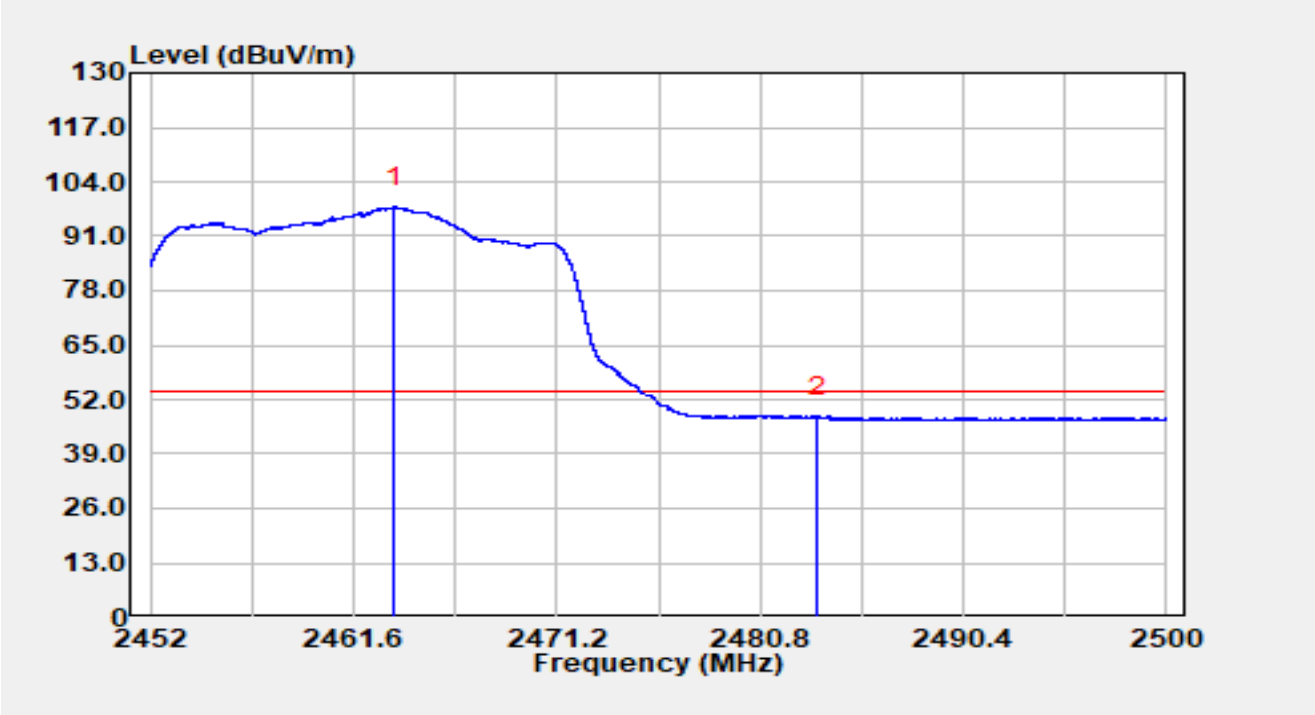
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2463.51	65.60	32.38	97.98	N/A	N/A	Average
2	*	2483.50	15.34	32.40	47.74	-6.26	54.00	Average

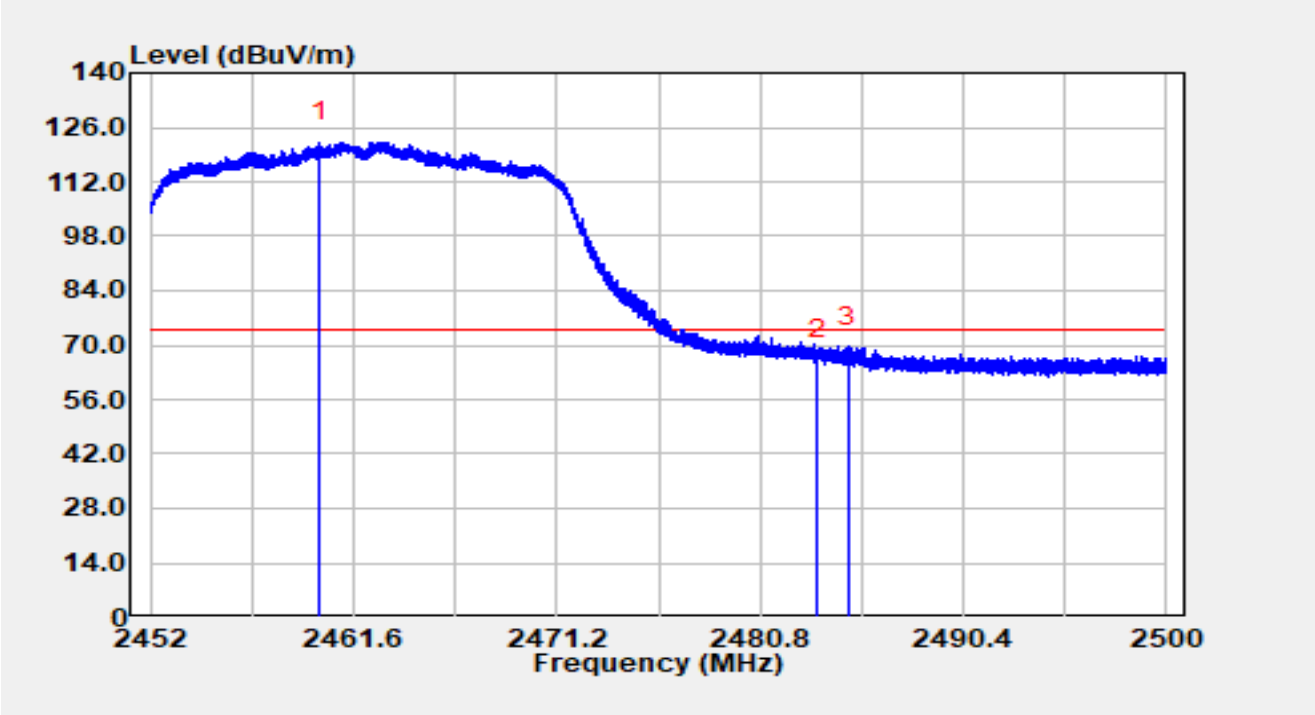
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2460.00	89.92	32.37	122.29	N/A	N/A	Peak
2		2483.50	34.13	32.40	66.53	-7.47	74.00	Peak
3	*	2484.93	37.27	32.40	69.67	-4.33	74.00	Peak

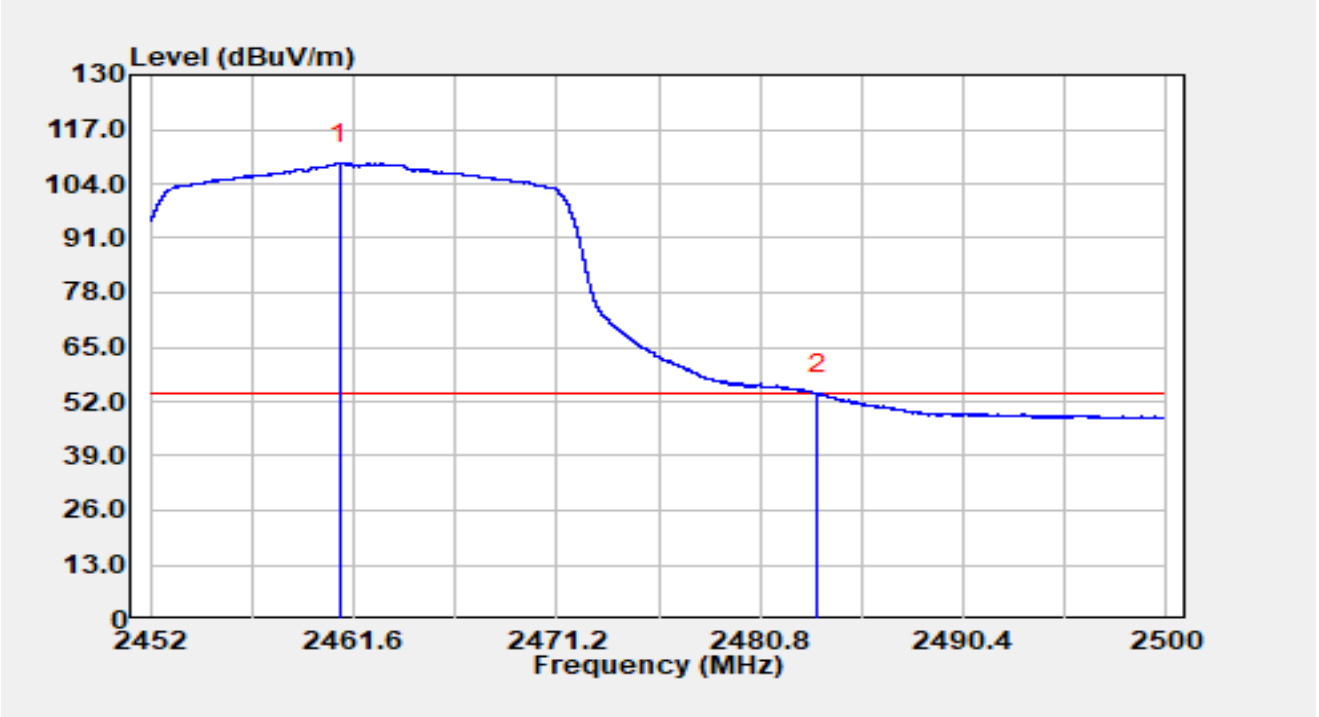
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE20 at 2462MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2460.93	76.51	32.37	108.89	N/A	N/A	Average
2	*	2483.50	21.44	32.40	53.84	-0.16	54.00	Average

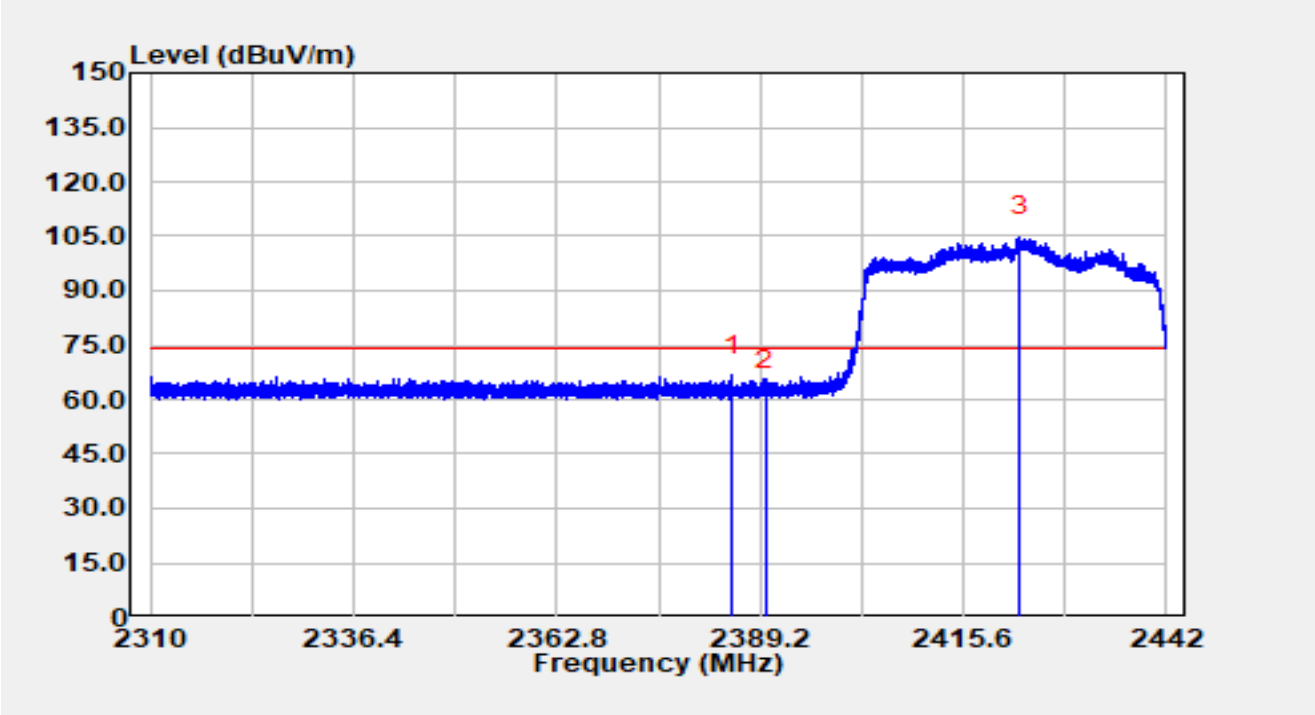
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2422MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2385.64	33.98	32.53	66.51	-7.49	74.00	Peak
2		2390.00	30.12	32.52	62.64	-11.36	74.00	Peak
3		2422.93	72.34	32.44	104.77	N/A	N/A	Peak

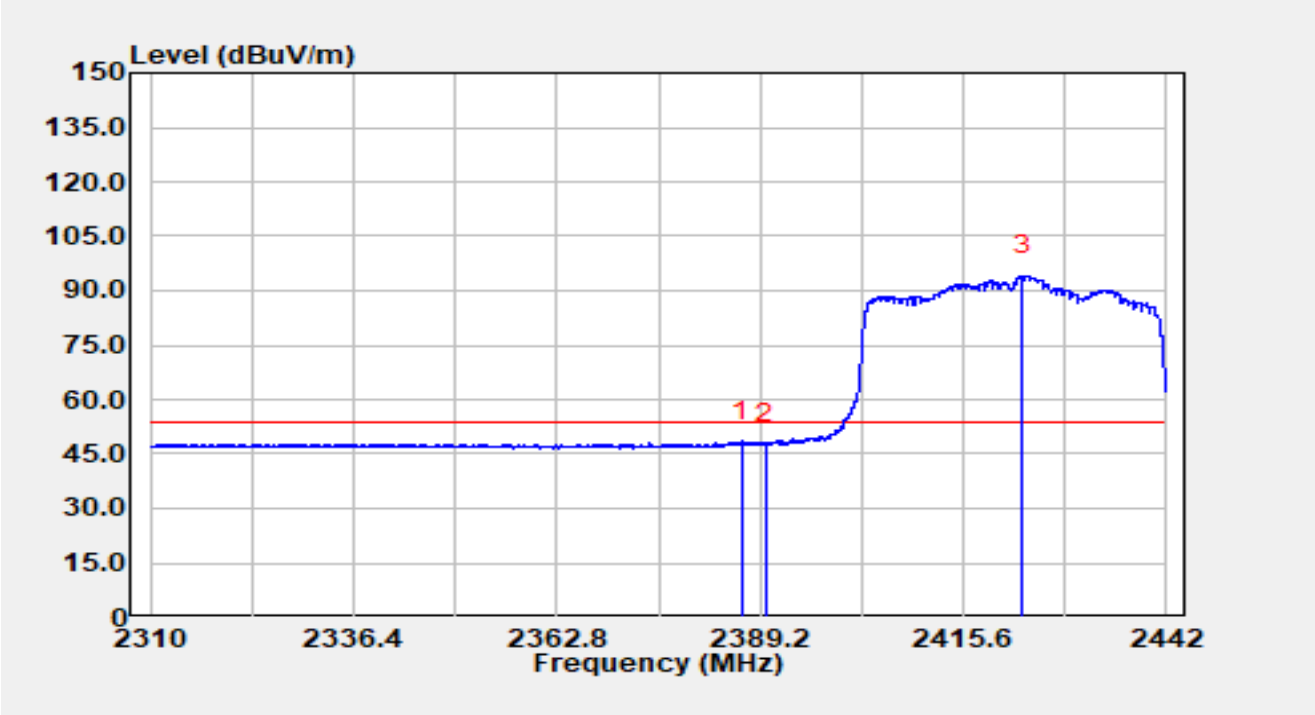
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2422MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2386.73	15.89	32.52	48.42	-5.58	54.00	Average
2		2390.00	15.35	32.52	47.86	-6.14	54.00	Average
3		2423.27	61.75	32.43	94.19	N/A	N/A	Average

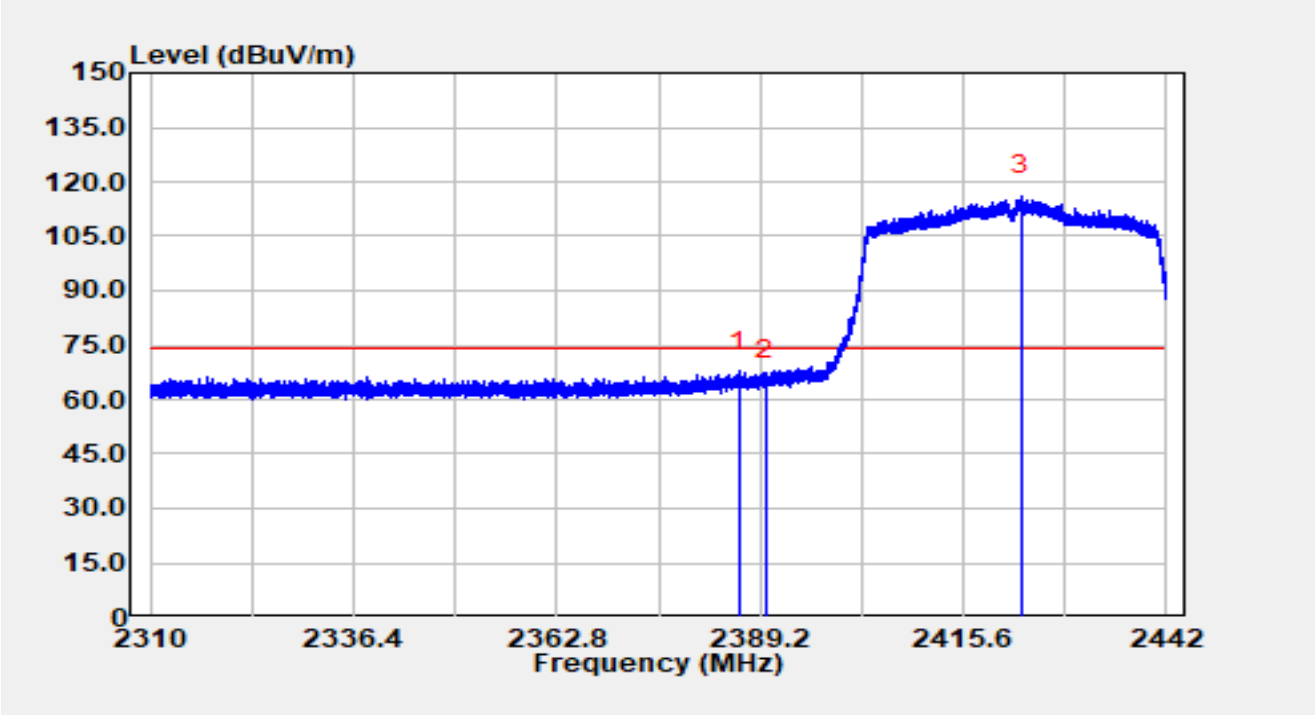
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2422MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2386.53	35.12	32.53	67.65	-6.35	74.00	Peak
2		2390.00	32.59	32.52	65.11	-8.89	74.00	Peak
3		2423.08	83.78	32.43	116.21	N/A	N/A	Peak

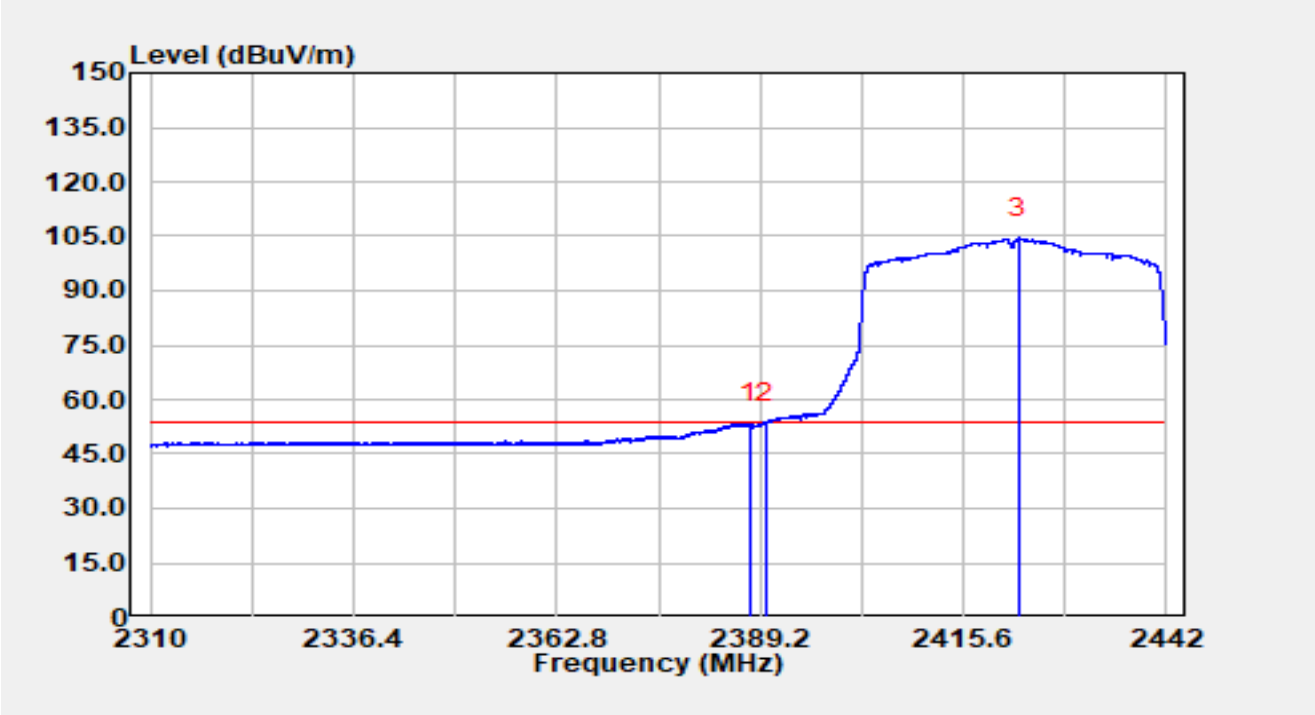
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2422MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2387.87	20.88	32.52	53.41	-0.59	54.00	Average
2	*	2390.00	21.09	32.52	53.61	-0.39	54.00	Average
3		2422.78	72.01	32.44	104.44	N/A	N/A	Average

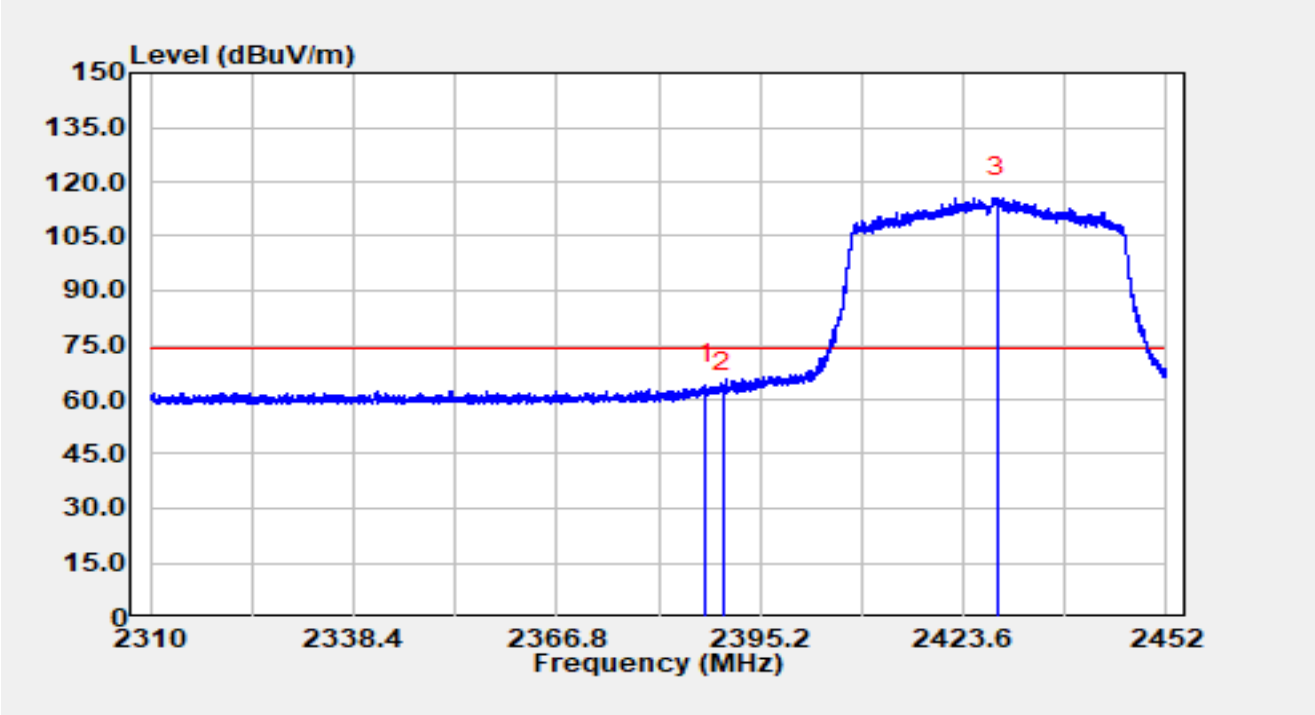
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2427MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2387.55	31.49	32.52	64.02	-9.98	74.00	Peak
2		2390.00	29.52	32.52	62.04	-11.96	74.00	Peak
3		2428.40	83.22	32.42	115.64	N/A	N/A	Peak

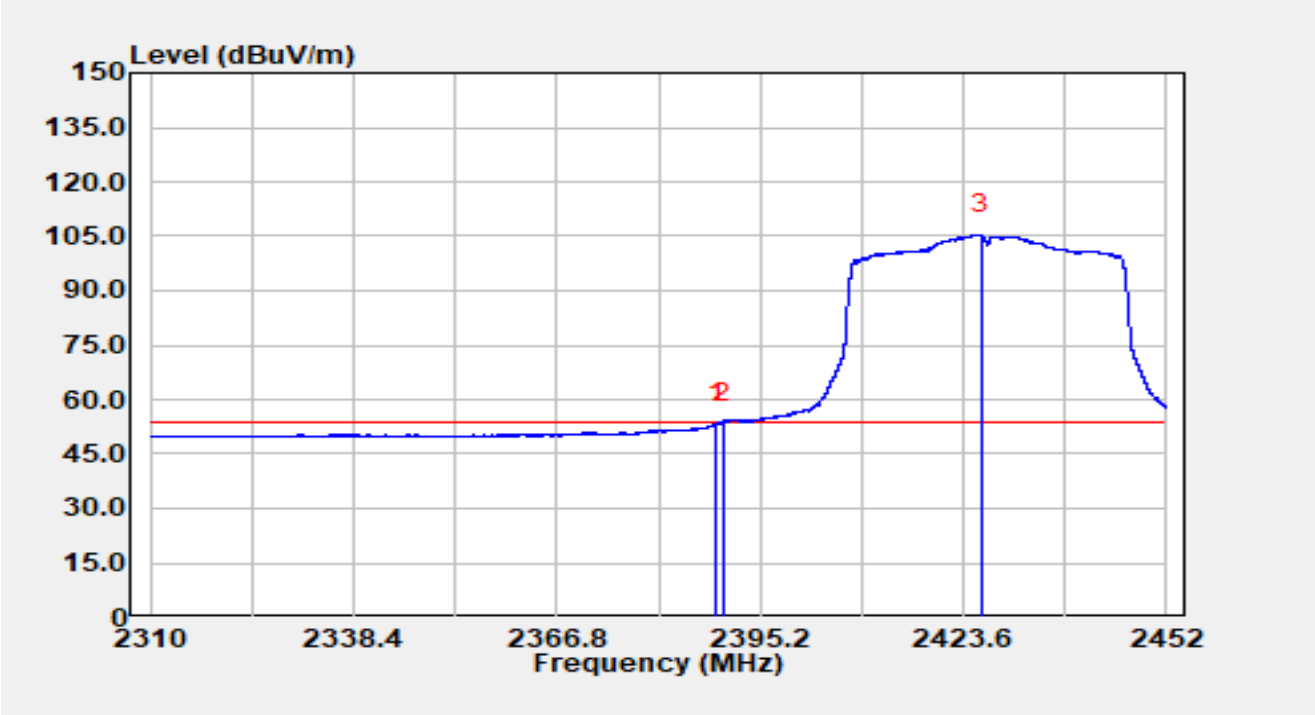
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-29
Temperature	27.0 °C	Humidity	46.6 %
Limit	FCC_2.4G_RE (3m)	Test Engineer	Jerry Lu
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2427MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2389.14	20.85	32.52	53.37	-0.63	54.00	Average
2	*	2390.00	21.15	32.52	53.66	-0.34	54.00	Average
3		2426.06	73.03	32.43	105.45	N/A	N/A	Average

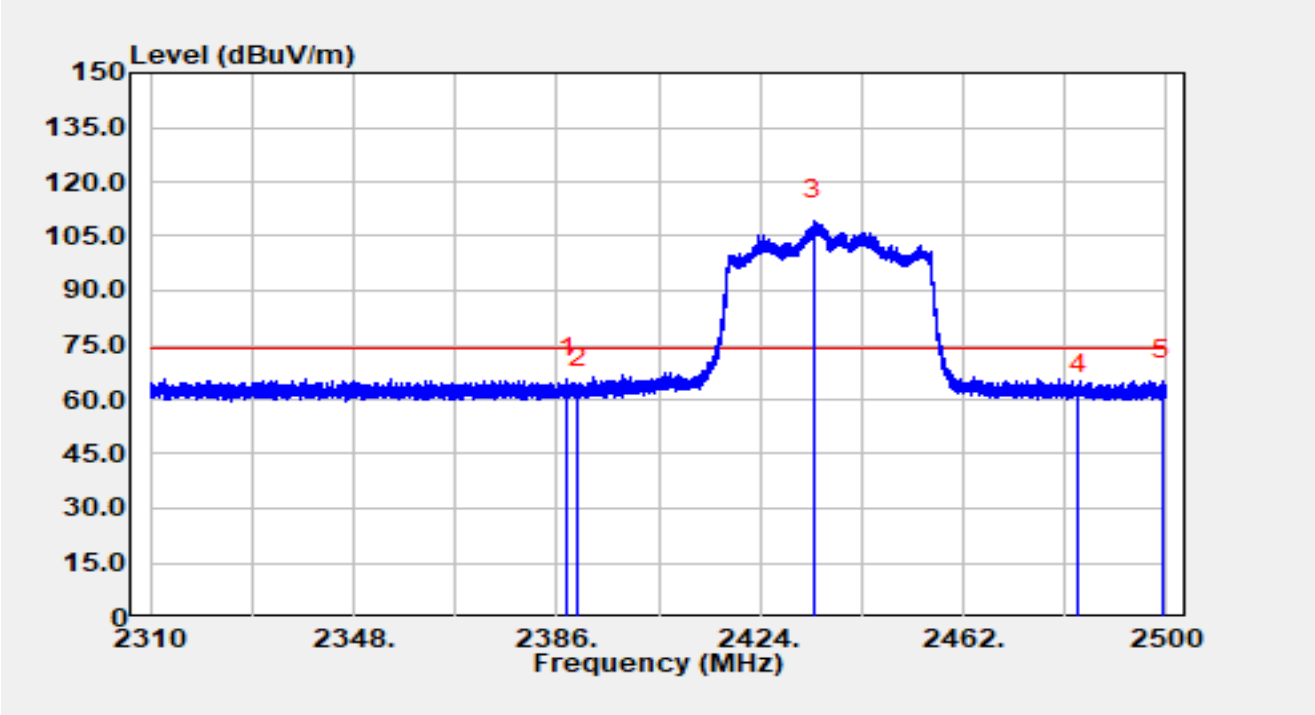
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2387.92	33.17	32.52	65.69	-8.31	74.00	Peak
2		2390.00	30.46	32.52	62.98	-11.02	74.00	Peak
3		2434.05	76.93	32.40	109.33	N/A	N/A	Peak
4		2483.50	29.20	32.40	61.60	-12.40	74.00	Peak
5		2499.22	32.73	32.40	65.13	-8.87	74.00	Peak

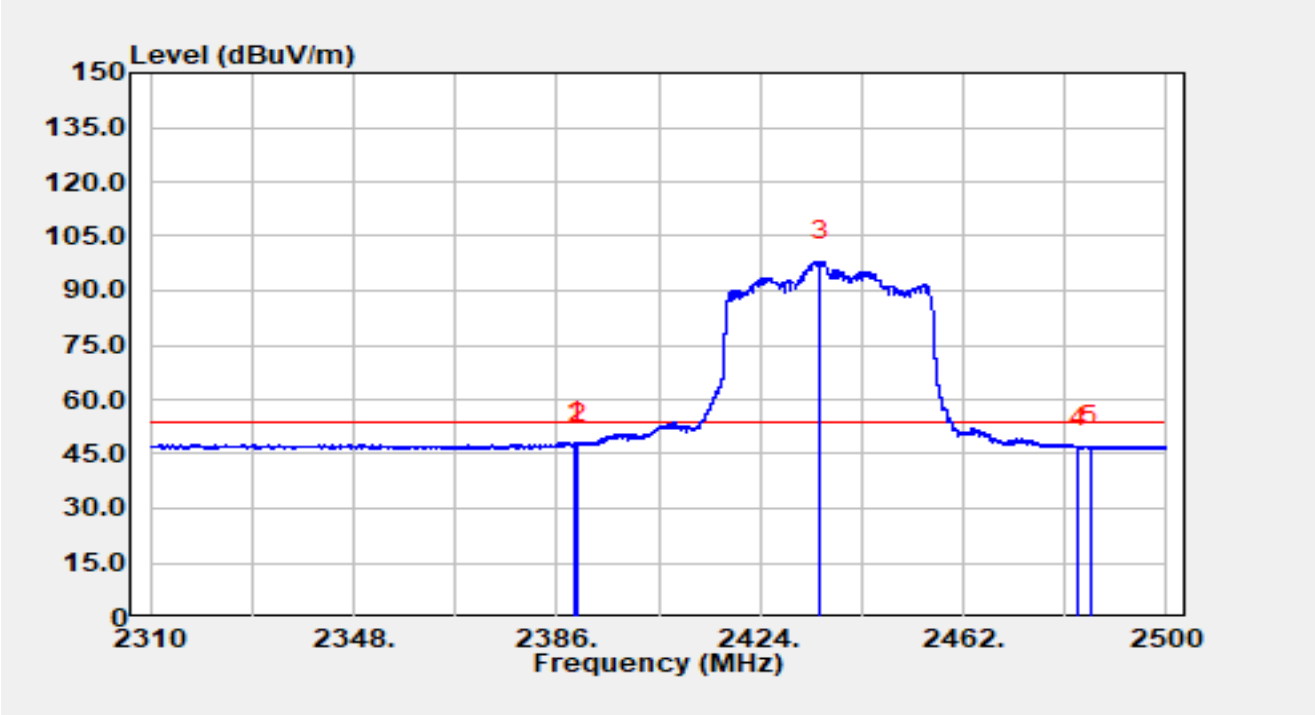
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.50	15.75	32.52	48.27	-5.73	54.00	Average
2		2390.00	15.20	32.52	47.71	-6.29	54.00	Average
3		2435.31	65.67	32.40	98.07	N/A	N/A	Average
4		2483.50	14.32	32.40	46.72	-7.28	54.00	Average
5		2485.83	14.84	32.40	47.24	-6.76	54.00	Average

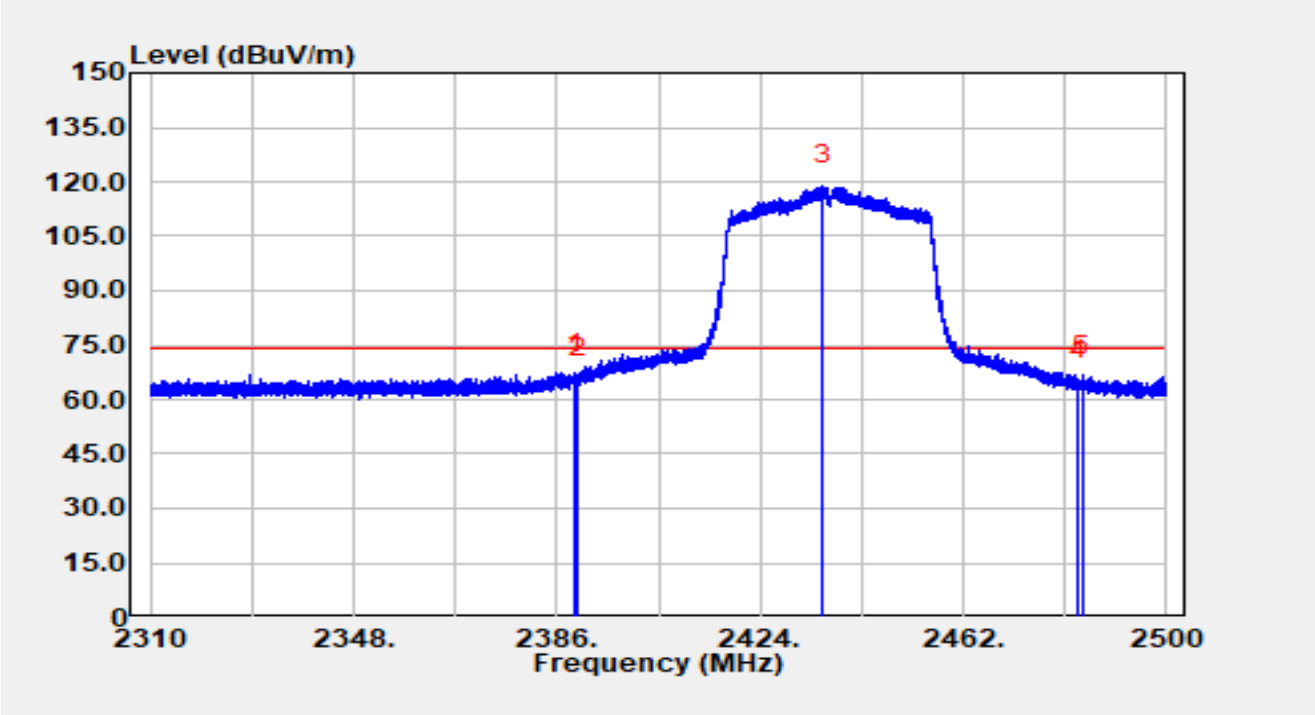
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2389.53	34.83	32.52	67.35	-6.65	74.00	Peak
2		2390.00	33.30	32.52	65.82	-8.18	74.00	Peak
3		2435.67	86.59	32.40	118.99	N/A	N/A	Peak
4		2483.50	32.94	32.40	65.33	-8.67	74.00	Peak
5		2484.25	34.31	32.40	66.71	-7.29	74.00	Peak

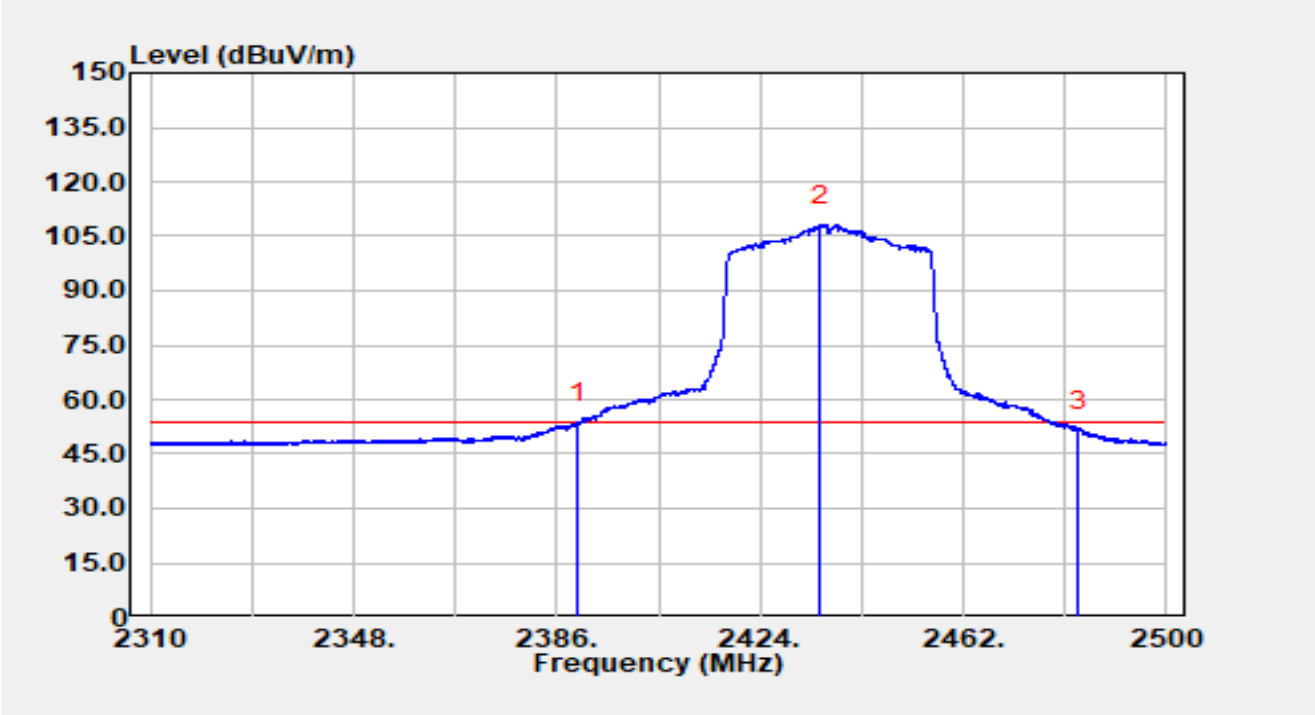
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2437MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	2390.00	21.12	32.52	53.64	-0.36	54.00	Average
2		2435.31	75.68	32.40	108.08	N/A	N/A	Average
3		2483.50	18.98	32.40	51.38	-2.62	54.00	Average

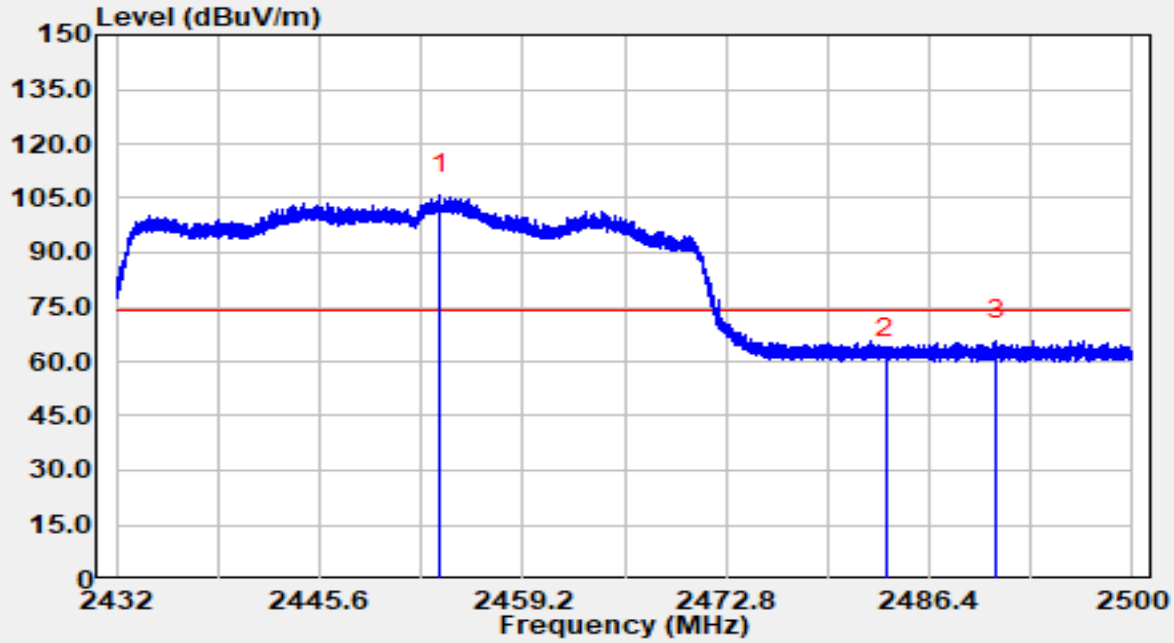
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2452MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2453.66	73.58	32.37	105.94	N/A	N/A	Peak
2		2483.50	28.46	32.40	60.86	-13.14	74.00	Peak
3	*	2490.88	33.41	32.39	65.80	-8.20	74.00	Peak

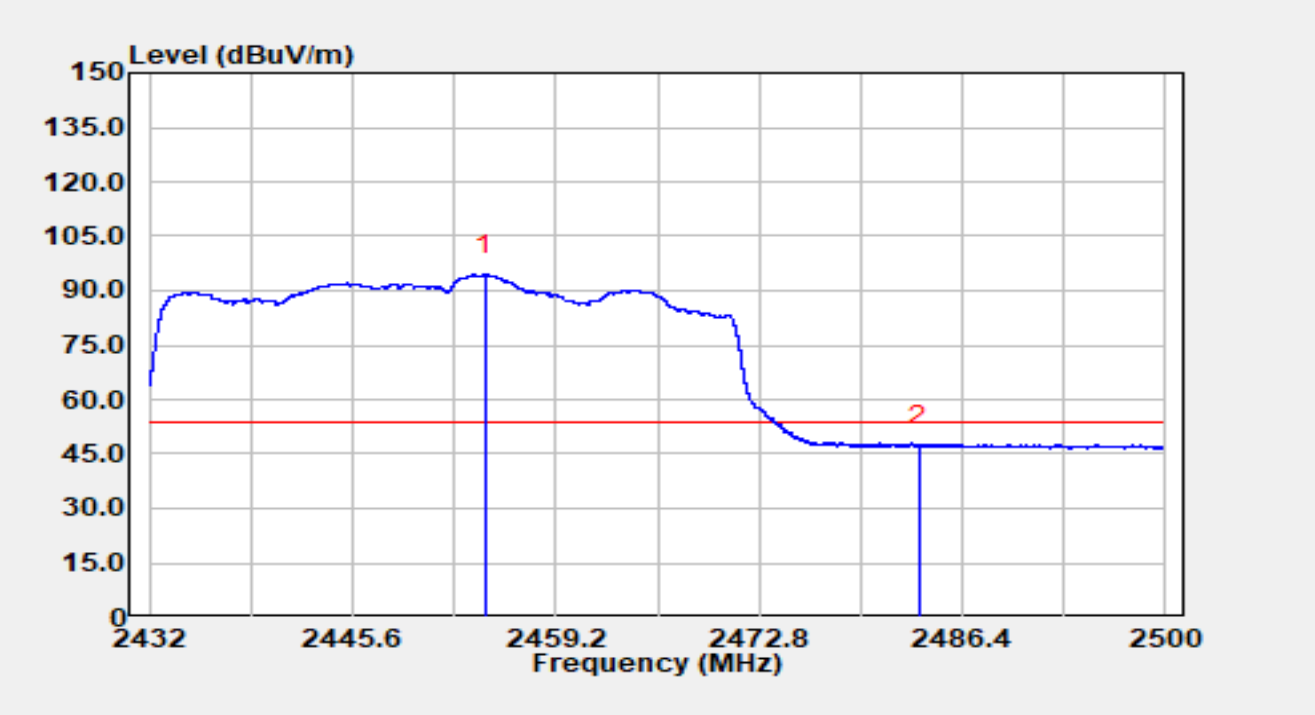
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2452MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2454.45	62.04	32.37	94.41	N/A	N/A	Average
2	*	2483.50	14.97	32.40	47.37	-6.63	54.00	Average

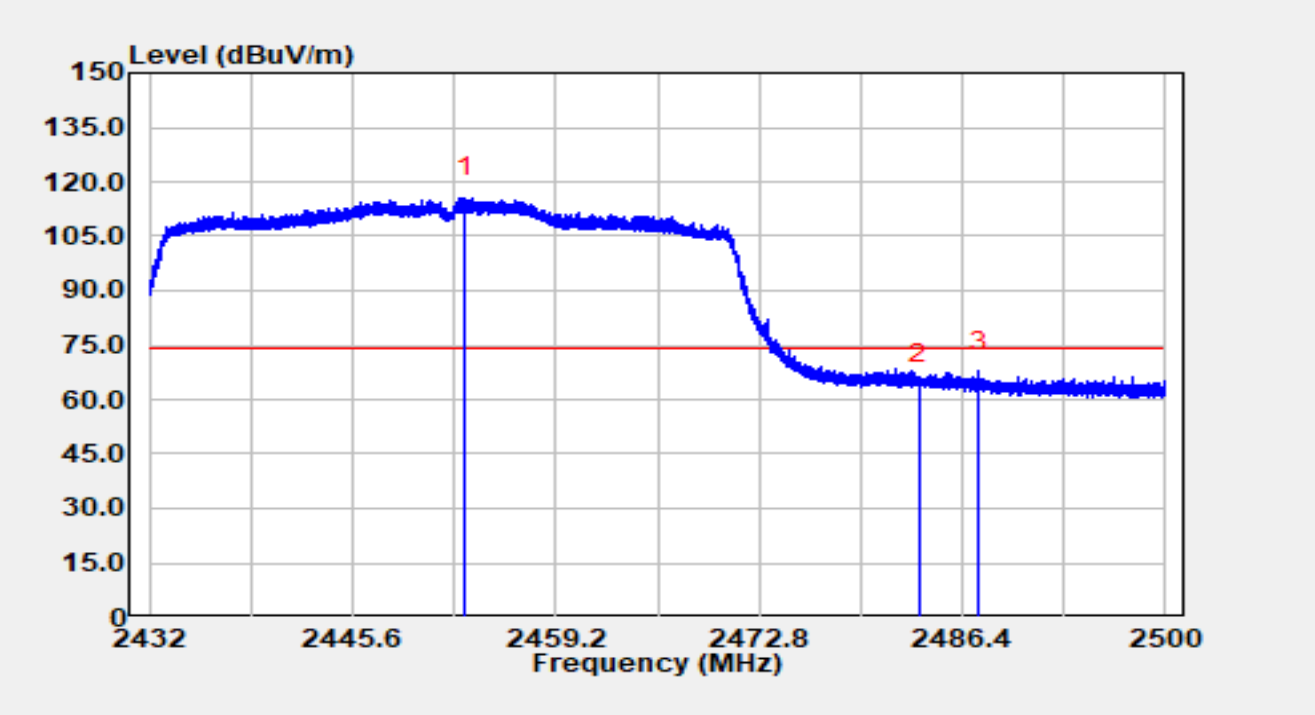
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2452MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2453.16	83.14	32.37	115.51	N/A	N/A	Peak
2		2483.50	32.03	32.40	64.43	-9.57	74.00	Peak
3	*	2487.54	35.30	32.39	67.70	-6.30	74.00	Peak

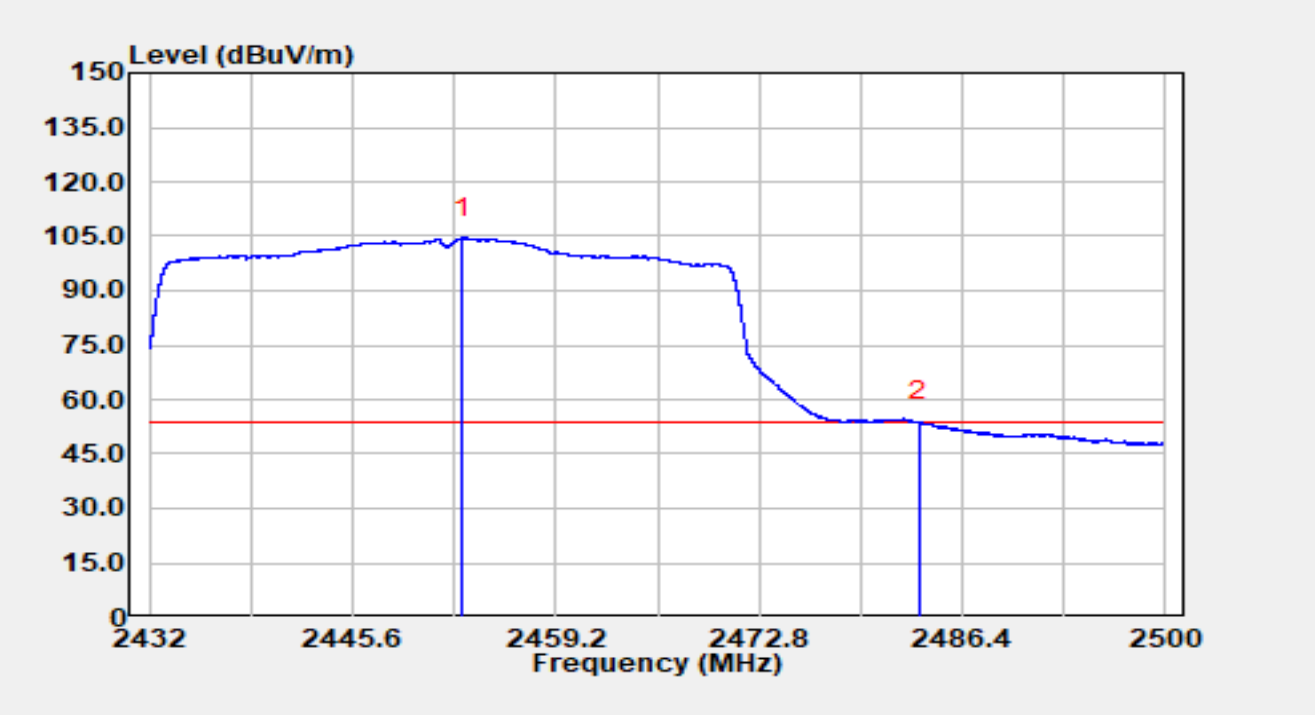
Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5°C	Humidity	49.1%
Limit	FCC_2.4G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/60Hz
Test Mode	Transmit by 802.11ax-HE40 at 2452MHz		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		2452.94	72.12	32.37	104.49	N/A	N/A	Average
2	*	2483.50	21.46	32.40	53.86	-0.14	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.

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

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Appendix B – Test Setup Photograph

Refer to “R25S1073033-UT” file.

Appendix C – EUT Photograph

Refer to “R25S1073033-UE” file.

The End