



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: Unlicensed National Information Infrastructure (NII)

FCC Rule Part(s): Part 15 Subpart E (Section 15.407)

Result: Complies

Received Date: 2025-03-26

Test Date: 2025-04-22 ~ 2025-04-28

Reviewed By:

Kevin Guo

Approved By:

Robin Wu



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 KDB789033. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
R25S1073033-U202	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

Description	Page
1. General Information	5
1.1. Applicant	5
1.2. Manufacturer	5
1.3. Testing Facility	5
1.4. Product Information	6
1.5. Radio Specification under Test	6
1.6. Working Frequencies	7
1.7. Antenna Details	8
2. Test Configuration	9
2.1. Test Mode	9
2.2. Test System Connection Diagram	10
2.3. Test Software	10
2.4. Applied Standards	10
2.5. Test Environment Condition	11
3. Antenna Requirements	12
4. Measuring Instrument	13
5. Decision Rules and Measurement Uncertainty	14
5.1. Decision Rules	14
5.2. Measurement Uncertainty	14
6. Test Result	15
6.1. Summary	15
6.2. Output Power Measurement	16
6.2.1. Test Limit	16
6.2.2. Test Procedure	16
6.2.3. Test Setting	16
6.2.4. Test Setup	16
6.2.5. Test Result	16
6.3. Radiated Spurious Emission Measurement	17
6.3.1. Test Limit	17
6.3.2. Test Procedure	17
6.3.3. Test Setting	17
6.3.4. Test Setup	19
6.3.5. Test Result	20
6.4. Radiated Restricted Band Edge Measurement	21
6.4.1. Test Limit	21

6.4.2.	Test Procedure	23
6.4.3.	Test Setting	23
6.4.4.	Test Setup.....	24
6.4.5.	Test Result.....	24
Appendix A – Test Result.....		25
A.1	Output Power Test Result	25
A.2	Radiated Spurious Emission Test Result.....	27
A.3	Radiated Restricted Band Edge Test Result.....	74
Appendix B – Test Setup Photograph		154
Appendix C – EUT Photograph		155

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	For 802.11a/n-HT20/ac-VHT20/ax-HE20: 5180~5240MHz, 5260~5320MHz, 5500~5720MHz, 5745~5825MHz For 802.11n-HT40/ac-VHT40/ax-HE40: 5190~5230MHz, 5270~5310MHz, 5510~5710MHz, 5755~5795MHz For 802.11ac-VHT80/ax-HE80: 5210MHz, 5290MHz, 5530MHz, 5610 MHz, 5690MHz, 5775MHz For 802.11ac-VHT160/ax-HE160: 5250MHz, 5570MHz	
Type of Modulation	802.11a/n/ac: OFDM 802.11ax: OFDMA	
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ac: up to 1733.4Mbps 802.11ax: up to 2402Mbps	
Channel Puncturing Function	☐ Supported	☒ Unsupported
Support RU	☒ Full RU	☐ Partial RU

1.6. Working Frequencies

802.11a/n-HT20/ac-VHT20/ax-HE20

Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180 MHz	40	5200 MHz	44	5220 MHz
48	5240 MHz	52	5260 MHz	56	5280 MHz
60	5300 MHz	64	5320 MHz	100	5500 MHz
104	5520 MHz	108	5540 MHz	112	5560 MHz
116	5580 MHz	120	5600 MHz	124	5620 MHz
128	5640 MHz	132	5660 MHz	136	5680 MHz
140	5700 MHz	144	5720 MHz	149	5745 MHz
153	5765 MHz	157	5785 MHz	161	5805 MHz
165	5825 MHz	--	--	--	--

802.11n-HT40/ac-VHT40/ax-HE40

Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz	54	5270 MHz
62	5310 MHz	102	5510 MHz	110	5550MHz
118	5590 MHz	126	5630 MHz	134	5670 MHz
142	5710 MHz	151	5755 MHz	159	5795 MHz

802.11ac-VHT80/ax-HE80/be-EHT80

Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210 MHz	58	5290 MHz	106	5530 MHz
122	5610 MHz	138	5690 MHz	155	5775 MHz

802.11ac-VHT160/ax-HE160

Channel	Frequency	Channel	Frequency	Channel	Frequency
50	5250 MHz	114	5570 MHz	--	--

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	Tx 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:

- The device supports CDD Mode and Beamforming mode, details refer to the table as below.
- 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) = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$
- Beamforming signals are correlated, the directional gain as follows,
the max directional gain (each angle) = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$
- The information as above is from the antenna report.

2. Test Configuration

2.1. Test Mode

CDD Mode
Mode 1: Transmit by 802.11a_Nss=1 (6Mbps)
Mode 2: Transmit by 802.11ax-HE20_Nss=1 (MCS0)
Mode 3: Transmit by 802.11ax-HE40_Nss=1 (MCS0)
Mode 4: Transmit by 802.11ax-HE80_Nss=1 (MCS0)
Mode 5: Transmit by 802.11ax-HE160_Nss=1 (MCS0)
Notes:
- For Radiated emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power. - 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. 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. - EUT supports one configuration only in 802.11ax full RU mode. - As Designated by manufacturer, the lowest data rate was the worst condition, so all the tests were done with lowest data rate.

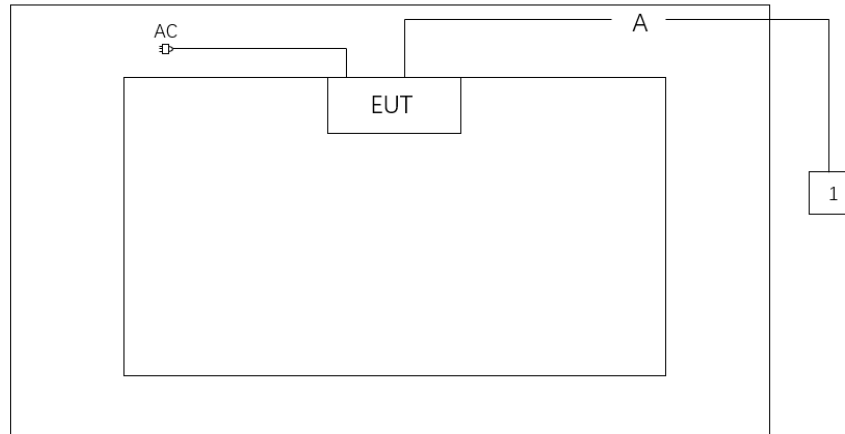
Change List	Verified Test Item	Remark
1. Change model name and Product name	Output Power	Conduct a full test and ensure that the result is not greater than the original value.
2. Change the RJ45 transformer		
3. Change the antennas (have the higher antenna gain)	Radiated Emission	Conduct a full test
	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 15.407
- KDB 789033 D02v02r01
- 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	WZ-SR5
					2026-04-24	
Shielding Room	HUAMING	WZ-SR5	MRTSUE06442	N/A	N/A	WZ-SR5
Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2025-05-08	WZ-SR5
					2026-04-26	
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	WZ-AC2
					2026-04-26	
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% ($U=2U_c(y)$): 2.5dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 1.5dB
Power Spectrum Density
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 2.5dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 3.2%

6. Test Result

6.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
15.407(a)(1)(ii), (2), (3)(i)	Maximum Conducted Output Power	Conducted	Pass
15.205, 15.209 15.407(b)(8), (9), (10)	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Radiated	Pass

Remark:

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 test, 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

For the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W (30dBm).

If transmitting antennas of directional gain greater than 6dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

6.2.2. Test Procedure

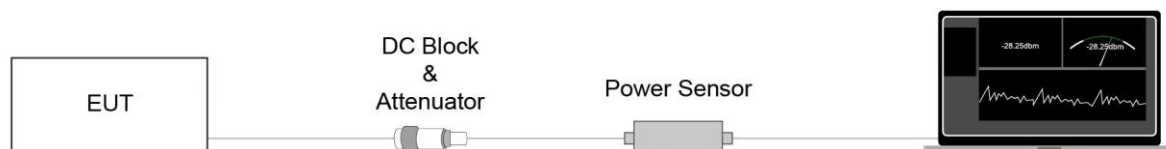
KDB 789033D02v02r01- Section II(E)3)b) Method PM-G

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

KDB 789033 D02v02r01- Section II)G)

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

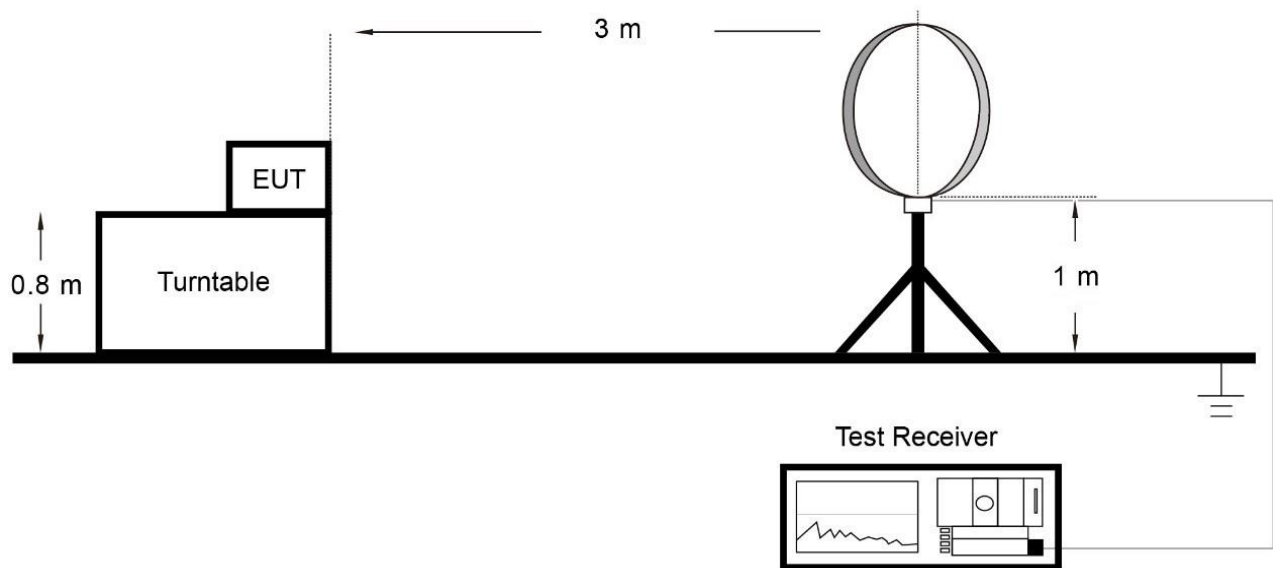
Average Measurements above 1GHz (Method VB)

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 $\geq 98\%$, set VBW = 10Hz

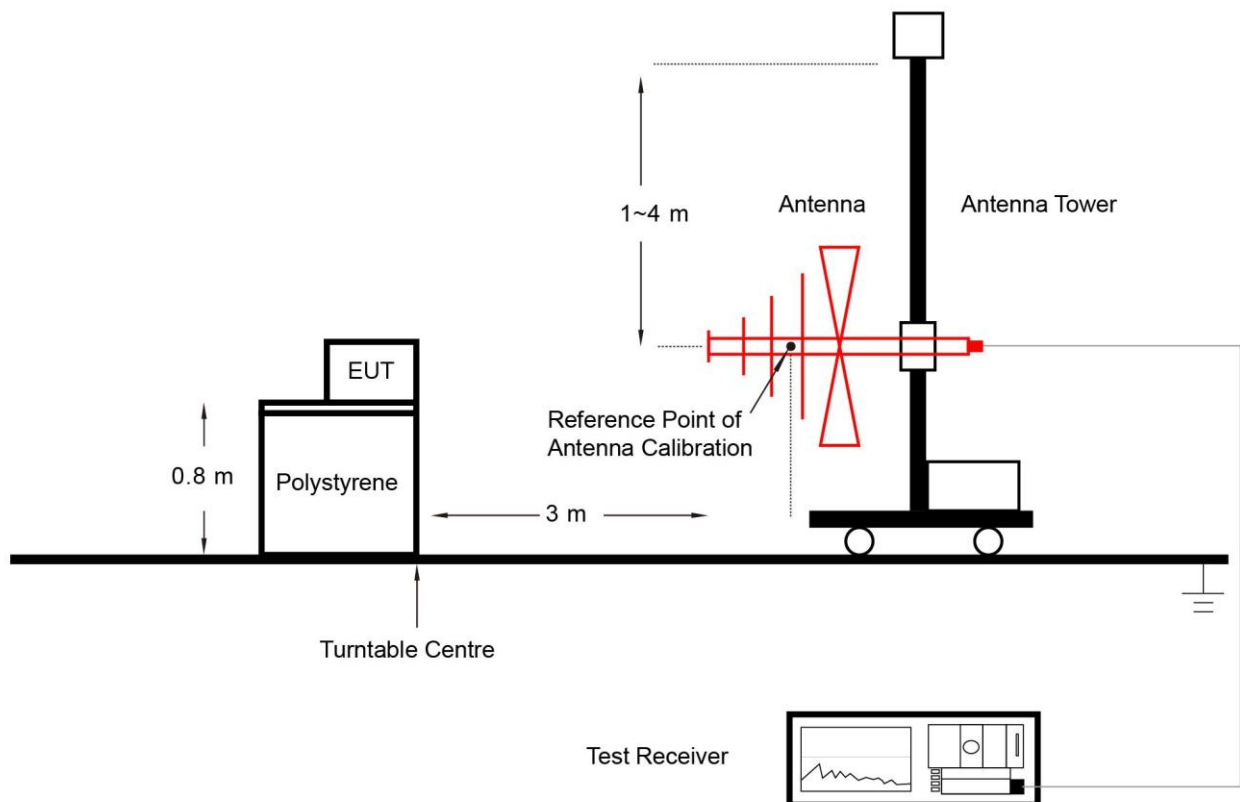
If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear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

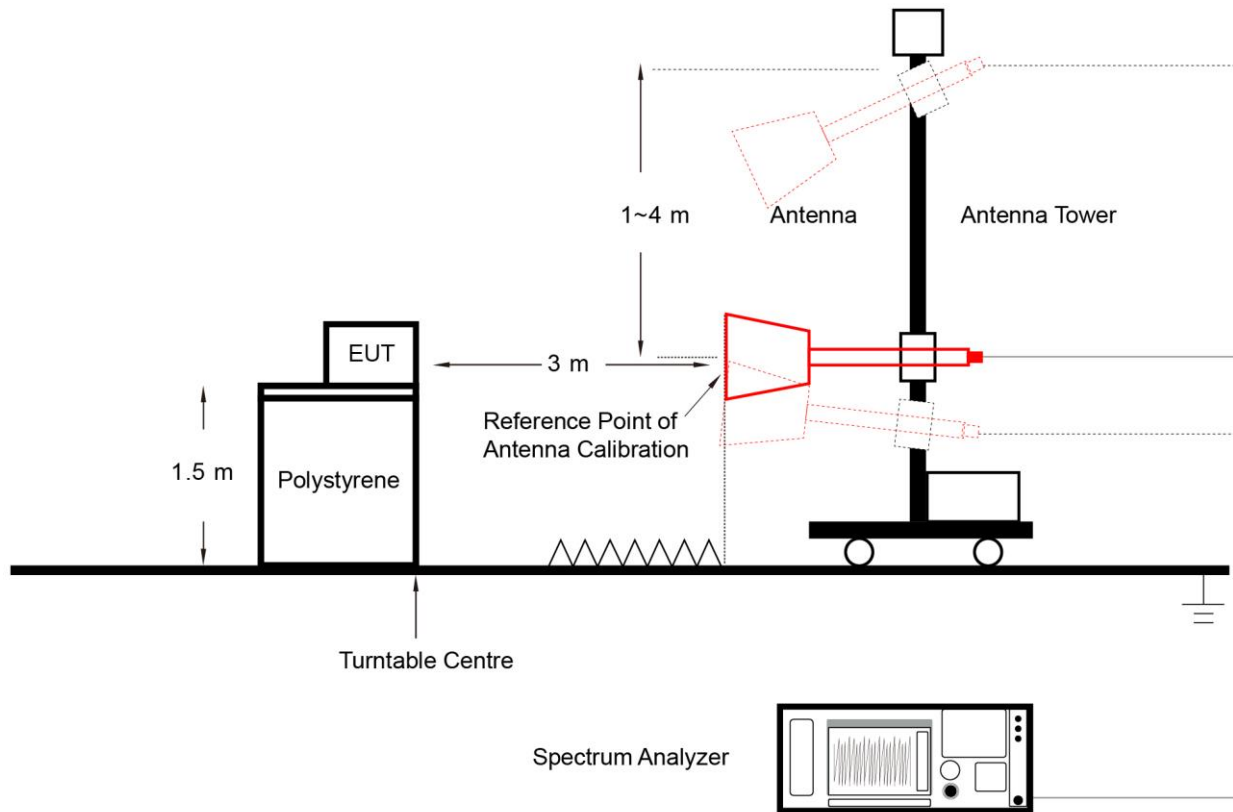
Below 30MHz Test Setup:



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	--	--	--

For 15.407(b) requirement:

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

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

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

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

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

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

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

KDB 789033 D02v02r01- Section II)G)

6.4.3. Test Setting

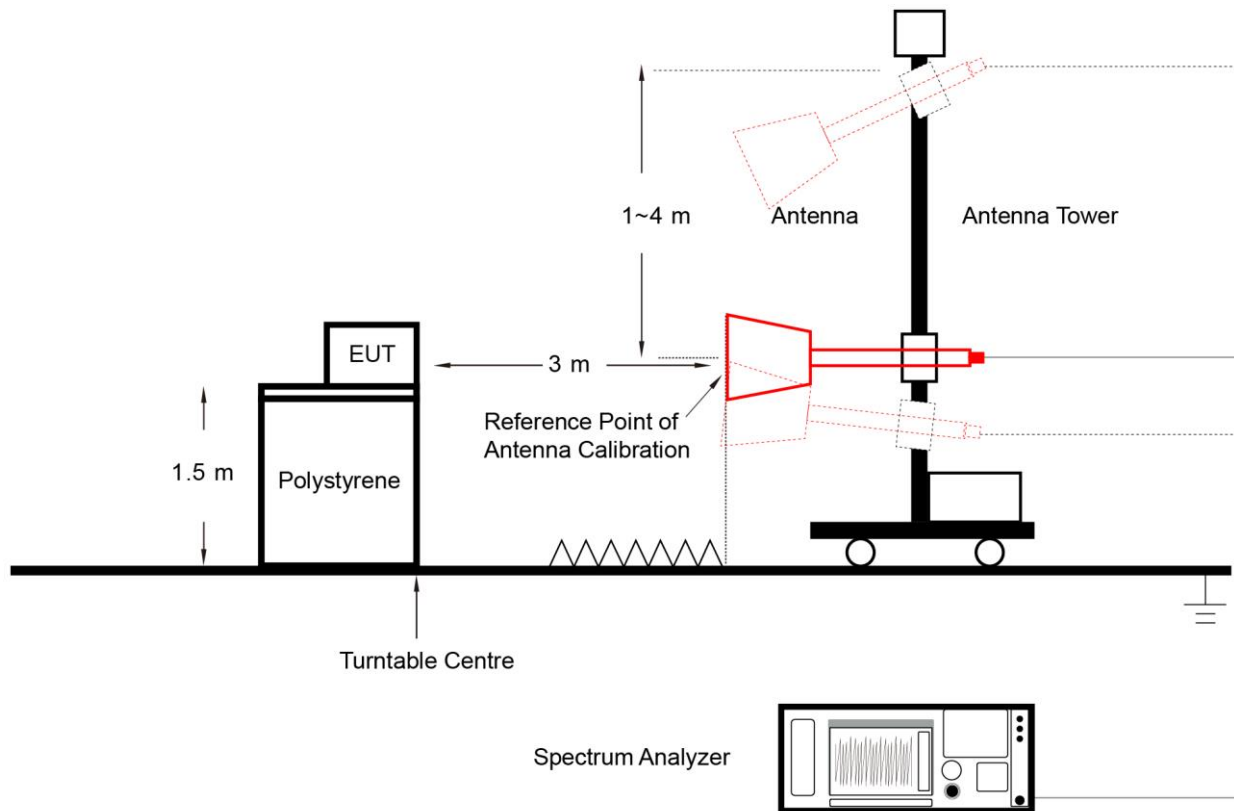
Peak Field Strength Measurements

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 $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set $\text{VBW} \geq 1/T$. 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)	Power Limit (dBm)
				Ant 0	Ant 1		
11a	6Mbps	36	5180	18.98	19.43	22.22	≤ 30.00
11a	6Mbps	44	5220	23.36	24.01	26.71	≤ 30.00
11a	6Mbps	48	5240	23.72	24.09	26.92	≤ 30.00
11a	6Mbps	52	5260	17.75	17.99	20.88	≤ 23.98
11a	6Mbps	60	5300	17.58	17.83	20.72	≤ 23.98
11a	6Mbps	64	5320	17.68	18.26	20.99	≤ 23.98
11a	6Mbps	100	5500	16.82	17.03	19.94	≤ 23.98
11a	6Mbps	116	5580	16.99	17.13	20.07	≤ 23.98
11a	6Mbps	140	5700	17.16	17.20	20.19	≤ 23.98
11a	6Mbps	144	5720	17.27	17.49	20.39	≤ 22.97
11a	6Mbps	149	5745	21.23	21.39	24.32	≤ 30.00
11a	6Mbps	157	5785	19.95	20.38	23.18	≤ 30.00
11a	6Mbps	165	5825	19.58	20.23	22.93	≤ 30.00
11ax-HE20	MCS0	36	5180	20.83	21.10	23.98	≤ 30.00
11ax-HE20	MCS0	44	5220	23.38	23.79	26.60	≤ 30.00
11ax-HE20	MCS0	48	5240	23.36	24.15	26.78	≤ 30.00
11ax-HE20	MCS0	52	5260	19.41	19.59	22.51	≤ 23.98
11ax-HE20	MCS0	60	5300	19.16	19.36	22.27	≤ 23.98
11ax-HE20	MCS0	64	5320	18.78	19.19	22.00	≤ 23.98
11ax-HE20	MCS0	100	5500	18.23	18.73	21.50	≤ 23.98
11ax-HE20	MCS0	116	5580	18.48	18.51	21.51	≤ 23.98
11ax-HE20	MCS0	140	5700	18.73	18.82	21.79	≤ 23.98
11ax-HE20	MCS0	144	5720	18.51	18.23	21.38	≤ 22.96
11ax-HE20	MCS0	149	5745	23.06	22.52	25.81	≤ 30.00
11ax-HE20	MCS0	157	5785	22.73	21.89	25.34	≤ 30.00
11ax-HE20	MCS0	165	5825	19.40	20.16	22.81	≤ 30.00

Test Mode	Data Rate MCS	Channel No.	Freq. (MHz)	Average Power (dBm)		Total Average Power (dBm)	Power Limit (dBm)
				Ant 0	Ant 1		
11ax-HE40	MCS0	38	5190	16.47	15.41	18.98	≤ 30.00
11ax-HE40	MCS0	46	5230	23.30	22.87	26.10	≤ 30.00
11ax-HE40	MCS0	54	5270	19.91	19.28	22.62	≤ 23.98
11ax-HE40	MCS0	62	5310	15.56	15.12	18.36	≤ 23.98
11ax-HE40	MCS0	102	5510	16.23	16.33	19.29	≤ 23.98
11ax-HE40	MCS0	110	5550	18.33	17.96	21.16	≤ 23.98
11ax-HE40	MCS0	134	5670	18.13	18.79	21.48	≤ 23.98
11ax-HE40	MCS0	142	5710	18.39	18.76	21.59	≤ 23.98
11ax-HE40	MCS0	151	5755	21.32	20.83	24.09	≤ 30.00
11ax-HE40	MCS0	159	5795	21.11	20.36	23.76	≤ 30.00
11ax-HE80	MCS0	42	5210	14.19	13.69	16.96	≤ 30.00
11ax-HE80	MCS0	58	5290	14.81	14.66	17.75	≤ 23.98
11ax-HE80	MCS0	106	5530	15.78	15.69	18.75	≤ 23.98
11ax-HE80	MCS0	122	5610	18.68	18.26	21.49	≤ 23.98
11ax-HE80	MCS0	138	5690	17.85	17.28	20.58	≤ 23.98
11ax-HE80	MCS0	155	5775	20.50	20.63	23.58	≤ 30.00
11ax-HE160	MCS0	50	5250	14.16	14.19	17.19	≤ 23.98
11ax-HE160	MCS0	114	5570	14.30	14.52	17.42	≤ 23.98

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

Note 2: For Band-Crossing channel, Average Power Limit = 23.98dBm or $11 + 10 \cdot \log_{10} \text{EBW}_{2C}$ which is less.

A.2 Radiated Spurious Emission Test Result

Test Site	WZ-AC1	Test Engineer	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	9959.00	35.26	14.22	49.48	68.20	-18.72	Peak	Horizontal
	10929.70	35.80	15.16	50.96	74.00	-23.04	Peak	Horizontal
*	13896.20	34.59	14.76	49.35	68.20	-18.85	Peak	Horizontal
	17993.20	24.65	22.80	47.45	54.00	-6.55	Average	Horizontal
	17993.20	35.53	22.80	58.33	74.00	-15.67	Peak	Horizontal
*	10361.90	45.13	14.94	60.07	68.20	-8.13	Peak	Vertical
	11036.80	35.47	14.86	50.32	74.00	-23.68	Peak	Vertical
*	13719.40	35.33	14.18	49.51	68.20	-18.69	Peak	Vertical
	17950.70	25.96	22.00	47.96	54.00	-6.04	Average	Vertical
	17950.70	36.10	22.00	58.11	74.00	-15.89	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10438.40	38.70	15.15	53.85	68.20	-14.35	Peak	Horizontal
	11381.90	35.73	14.41	50.14	74.00	-23.86	Peak	Horizontal
*	13574.90	34.95	14.11	49.06	68.20	-19.14	Peak	Horizontal
	17969.40	25.13	22.26	47.39	54.00	-6.61	Average	Horizontal
	17969.40	34.95	22.26	57.21	74.00	-16.79	Peak	Horizontal
*	10436.70	50.11	15.14	65.25	68.20	-2.95	Peak	Vertical
	10948.40	35.39	15.18	50.57	74.00	-23.43	Peak	Vertical
*	13850.30	34.97	14.60	49.57	68.20	-18.63	Peak	Vertical
	17989.80	25.66	22.77	48.43	54.00	-5.57	Average	Vertical
	17989.80	34.74	22.77	57.51	74.00	-16.49	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10477.50	39.12	15.28	54.40	68.20	-13.80	Peak	Horizontal
	11055.50	35.64	14.76	50.40	74.00	-23.60	Peak	Horizontal
*	14617.00	36.55	15.56	52.11	68.20	-16.09	Peak	Horizontal
	17981.30	25.44	22.65	48.09	54.00	-5.91	Average	Horizontal
	17981.30	34.28	22.65	56.93	74.00	-17.07	Peak	Horizontal
*	10475.80	52.58	15.30	67.88	68.20	-0.32	Peak	Vertical
*	13886.00	35.32	14.81	50.13	68.20	-18.07	Peak	Vertical
	15723.70	29.85	12.39	42.24	54.00	-11.76	Average	Vertical
	15723.70	39.05	12.39	51.44	74.00	-22.56	Peak	Vertical
	17983.00	25.94	22.71	48.65	54.00	-5.35	Average	Vertical
	17983.00	34.83	22.71	57.54	74.00	-16.46	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10129.00	35.29	14.56	49.85	68.20	-18.35	Peak	Horizontal
	11087.80	35.63	14.63	50.26	74.00	-23.74	Peak	Horizontal
*	13784.00	34.51	14.25	48.76	68.20	-19.44	Peak	Horizontal
	17926.90	24.99	21.69	46.68	54.00	-7.32	Average	Horizontal
	17926.90	35.44	21.69	57.13	74.00	-16.87	Peak	Horizontal
*	10514.90	43.31	15.17	58.48	68.20	-9.72	Peak	Vertical
	11018.10	35.14	14.96	50.10	74.00	-23.90	Peak	Vertical
*	14049.20	33.44	15.16	48.60	68.20	-19.60	Peak	Vertical
	17972.80	25.95	22.37	48.32	54.00	-5.68	Average	Vertical
	17972.80	34.94	22.37	57.31	74.00	-16.69	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9960.70	35.29	14.23	49.52	68.20	-18.68	Peak	Horizontal
	11157.50	35.31	14.40	49.71	74.00	-24.29	Peak	Horizontal
*	14015.20	35.73	15.07	50.80	68.20	-17.40	Peak	Horizontal
	17989.80	25.94	22.77	48.71	54.00	-5.29	Average	Horizontal
	17989.80	35.00	22.77	57.77	74.00	-16.23	Peak	Horizontal
*	10010.00	34.67	14.34	49.01	68.20	-19.19	Peak	Vertical
	10606.70	35.94	15.13	51.07	54.00	-2.93	Average	Vertical
	10606.70	41.42	15.13	56.55	74.00	-17.45	Peak	Vertical
*	13998.20	34.63	15.04	49.67	68.20	-18.53	Peak	Vertical
	18000.00	24.95	22.85	47.80	54.00	-6.20	Average	Vertical
	18000.00	33.90	22.85	56.75	74.00	-17.25	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10231.00	34.85	14.85	49.70	68.20	-18.50	Peak	Horizontal
	11308.80	35.43	14.27	49.70	74.00	-24.30	Peak	Horizontal
*	13982.90	35.58	15.07	50.65	68.20	-17.55	Peak	Horizontal
	18000.00	25.61	22.85	48.46	54.00	-5.54	Average	Horizontal
	18000.00	34.32	22.85	57.17	74.00	-16.83	Peak	Horizontal
*	10071.20	35.40	14.26	49.66	68.20	-18.54	Peak	Vertical
	10640.70	36.98	15.14	52.12	54.00	-1.88	Average	Vertical
	10640.70	44.50	15.14	59.64	74.00	-14.36	Peak	Vertical
*	13911.50	35.17	14.69	49.86	68.20	-18.34	Peak	Vertical
	17986.40	25.63	22.74	48.37	54.00	-5.63	Average	Vertical
	17986.40	35.36	22.74	58.10	74.00	-15.90	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9892.70	35.54	14.20	49.74	68.20	-18.46	Peak	Horizontal
	11099.70	35.22	14.57	49.79	74.00	-24.21	Peak	Horizontal
*	14028.80	35.63	15.18	50.81	68.20	-17.39	Peak	Horizontal
	17984.70	25.61	22.73	48.34	54.00	-5.66	Average	Horizontal
	17984.70	33.86	22.73	56.59	74.00	-17.41	Peak	Horizontal
*	9984.50	35.54	14.32	49.86	68.20	-18.34	Peak	Vertical
	10994.30	35.04	15.07	50.11	54.00	-3.89	Average	Vertical
	10994.30	41.32	15.07	56.39	74.00	-17.61	Peak	Vertical
*	13984.60	36.10	15.07	51.17	68.20	-17.03	Peak	Vertical
	17993.20	25.62	22.80	48.42	54.00	-5.58	Average	Vertical
	17993.20	34.86	22.80	57.66	74.00	-16.34	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9782.20	35.01	14.37	49.38	68.20	-18.82	Peak	Horizontal
	10785.20	35.05	15.19	50.24	74.00	-23.76	Peak	Horizontal
*	13891.10	35.79	14.79	50.58	68.20	-17.62	Peak	Horizontal
	17986.40	25.33	22.74	48.07	54.00	-5.93	Average	Horizontal
	17986.40	35.58	22.74	58.32	74.00	-15.68	Peak	Horizontal
*	9868.90	34.12	14.50	48.62	68.20	-19.58	Peak	Vertical
	11160.90	34.51	14.39	48.90	54.00	-5.10	Average	Vertical
	11160.90	41.36	14.39	55.75	74.00	-18.25	Peak	Vertical
*	14195.40	35.57	15.48	51.05	68.20	-17.15	Peak	Vertical
	17996.60	25.61	22.83	48.44	54.00	-5.56	Average	Vertical
	17996.60	34.69	22.83	57.52	74.00	-16.48	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10010.00	35.28	14.34	49.62	68.20	-18.58	Peak	Horizontal
	10919.50	34.74	15.21	49.95	74.00	-24.05	Peak	Horizontal
*	13959.10	34.75	15.01	49.76	68.20	-18.44	Peak	Horizontal
	17996.60	25.63	22.83	48.46	54.00	-5.54	Average	Horizontal
	17996.60	34.22	22.83	57.05	74.00	-16.95	Peak	Horizontal
*	9766.90	34.47	14.49	48.96	68.20	-19.24	Peak	Vertical
	11400.60	34.65	14.39	49.04	54.00	-4.96	Average	Vertical
	11400.60	43.55	14.39	57.94	74.00	-16.06	Peak	Vertical
*	13846.90	34.97	14.56	49.53	68.20	-18.67	Peak	Vertical
	17977.90	25.14	22.54	47.68	54.00	-6.32	Average	Vertical
	17977.90	34.10	22.54	56.64	74.00	-17.36	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10256.50	34.75	14.82	49.57	68.20	-18.63	Peak	Horizontal
	11038.50	35.76	14.85	50.61	74.00	-23.39	Peak	Horizontal
*	14115.50	35.62	15.16	50.78	68.20	-17.42	Peak	Horizontal
	17991.50	25.64	22.78	48.42	54.00	-5.58	Average	Horizontal
	17991.50	35.50	22.78	58.28	74.00	-15.72	Peak	Horizontal
*	10441.80	34.77	15.16	49.94	68.20	-18.26	Peak	Vertical
	11443.10	35.64	14.47	50.11	54.00	-3.89	Average	Vertical
	11443.10	43.33	14.47	57.80	74.00	-16.20	Peak	Vertical
*	14141.00	35.43	15.01	50.44	68.20	-17.76	Peak	Vertical
	17971.10	25.44	22.32	47.76	54.00	-6.24	Average	Vertical
	17971.10	34.39	22.32	56.71	74.00	-17.29	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9914.80	36.56	14.52	51.08	68.20	-17.12	Peak	Horizontal
	11371.70	31.65	14.43	46.08	54.00	-7.92	Average	Horizontal
	11371.70	37.26	14.43	51.69	74.00	-22.31	Peak	Horizontal
*	14159.70	36.96	15.28	52.24	68.20	-15.96	Peak	Horizontal
	17976.20	25.94	22.48	48.42	54.00	-5.58	Average	Horizontal
	17976.20	38.00	22.48	60.48	74.00	-13.52	Peak	Horizontal
*	10003.20	36.66	14.33	50.99	68.20	-17.21	Peak	Vertical
	11495.80	39.26	14.29	53.55	54.00	-0.45	Average	Vertical
	11495.80	47.82	14.29	62.11	74.00	-11.89	Peak	Vertical
*	14158.00	38.18	15.26	53.44	68.20	-14.76	Peak	Vertical
	17994.90	25.96	22.81	48.77	54.00	-5.23	Average	Vertical
	17994.90	38.16	22.81	60.97	74.00	-13.03	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9868.90	35.71	14.50	50.21	68.20	-17.99	Peak	Horizontal
	10926.30	35.74	15.17	50.91	74.00	-23.09	Peak	Horizontal
*	13887.70	36.33	14.80	51.13	68.20	-17.07	Peak	Horizontal
	17984.70	25.98	22.73	48.71	54.00	-5.29	Average	Horizontal
	17984.70	35.42	22.73	58.15	74.00	-15.85	Peak	Horizontal
*	9926.70	35.09	14.52	49.61	68.20	-18.59	Peak	Vertical
	10968.80	30.15	15.13	45.28	54.00	-8.72	Average	Vertical
	10968.80	36.95	15.13	52.08	74.00	-21.92	Peak	Vertical
*	14100.20	36.73	15.17	51.90	68.20	-16.30	Peak	Vertical
	17983.00	25.61	22.71	48.32	54.00	-5.68	Average	Vertical
	17983.00	35.47	22.71	58.18	74.00	-15.82	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-27	Test Mode	802.11a – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9824.70	35.36	14.74	50.10	68.20	-18.10	Peak	Horizontal
	11643.70	30.15	13.84	43.99	54.00	-10.01	Average	Horizontal
	11643.70	37.21	13.84	51.05	74.00	-22.95	Peak	Horizontal
*	14203.90	36.42	15.48	51.90	68.20	-16.30	Peak	Horizontal
	17977.90	25.97	22.54	48.51	54.00	-5.49	Average	Horizontal
	17977.90	34.97	22.54	57.51	74.00	-16.49	Peak	Horizontal
*	9921.60	36.30	14.53	50.83	68.20	-17.37	Peak	Vertical
	11652.20	36.33	13.81	50.14	54.00	-3.86	Average	Vertical
	11652.20	42.84	13.81	56.65	74.00	-17.35	Peak	Vertical
*	14108.70	36.88	15.16	52.04	68.20	-16.16	Peak	Vertical
	17986.40	25.69	22.74	48.43	54.00	-5.57	Average	Vertical
	17986.40	35.38	22.74	58.12	74.00	-15.88	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 36
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9926.70	35.70	14.52	50.22	68.20	-17.98	Peak	Horizontal
	11388.70	30.65	14.40	45.05	54.00	-8.95	Average	Horizontal
	11388.70	37.03	14.40	51.43	74.00	-22.57	Peak	Horizontal
*	14028.80	36.55	15.18	51.73	68.20	-16.47	Peak	Horizontal
	17983.00	25.94	22.71	48.65	54.00	-5.35	Average	Horizontal
	17983.00	35.94	22.71	58.65	74.00	-15.35	Peak	Horizontal
*	10358.50	42.77	14.95	57.72	68.20	-10.48	Peak	Vertical
	11293.50	29.64	14.38	44.02	54.00	-9.98	Average	Vertical
	11293.50	37.00	14.38	51.38	74.00	-22.62	Peak	Vertical
*	14244.70	36.62	15.64	52.26	68.20	-15.94	Peak	Vertical
	18000.00	25.64	22.85	48.49	54.00	-5.51	Average	Vertical
	18000.00	35.64	22.85	58.49	74.00	-15.51	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 44
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10446.90	39.69	15.19	54.88	68.20	-13.32	Peak	Horizontal
	11266.30	36.27	14.23	50.50	74.00	-23.50	Peak	Horizontal
*	13884.30	35.91	14.81	50.72	68.20	-17.48	Peak	Horizontal
	17989.80	25.95	22.77	48.72	54.00	-5.28	Average	Horizontal
	17989.80	36.48	22.77	59.25	74.00	-14.75	Peak	Horizontal
*	10438.40	47.71	15.15	62.86	68.20	-5.34	Peak	Vertical
*	13891.10	35.47	14.79	50.26	68.20	-17.94	Peak	Vertical
	15667.60	30.94	12.60	43.54	54.00	-10.46	Average	Vertical
	15667.60	38.93	12.60	51.53	74.00	-22.47	Peak	Vertical
	17991.50	25.64	22.78	48.42	54.00	-5.58	Average	Vertical
	17991.50	35.10	22.78	57.88	74.00	-16.12	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 48
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10477.50	38.73	15.28	54.01	68.20	-14.19	Peak	Horizontal
	11330.90	36.34	14.37	50.71	74.00	-23.29	Peak	Horizontal
*	14314.40	36.72	15.75	52.47	68.20	-15.73	Peak	Horizontal
	17983.00	25.61	22.71	48.32	54.00	-5.68	Average	Horizontal
	17983.00	35.31	22.71	58.02	74.00	-15.98	Peak	Horizontal
*	10477.50	50.16	15.28	65.44	68.20	-2.76	Peak	Vertical
*	13879.20	36.30	14.77	51.07	68.20	-17.13	Peak	Vertical
	15716.90	32.61	12.36	44.97	54.00	-9.03	Average	Vertical
	15716.90	41.00	12.36	53.36	74.00	-20.64	Peak	Vertical
	17966.00	25.69	22.15	47.84	54.00	-6.16	Average	Vertical
	17966.00	35.88	22.15	58.03	74.00	-15.97	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 52
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9926.70	35.00	14.52	49.52	68.20	-18.68	Peak	Horizontal
	10951.80	30.61	15.17	45.78	54.00	-8.22	Average	Horizontal
	10951.80	35.97	15.17	51.14	74.00	-22.86	Peak	Horizontal
*	13962.50	35.35	15.03	50.38	68.20	-17.82	Peak	Horizontal
	17981.30	25.94	22.65	48.59	54.00	-5.41	Average	Horizontal
	17981.30	35.17	22.65	57.82	74.00	-16.18	Peak	Horizontal
*	10516.60	44.13	15.18	59.31	68.20	-8.89	Peak	Vertical
	11378.50	35.51	14.42	49.93	74.00	-24.07	Peak	Vertical
*	14258.30	34.82	15.61	50.43	68.20	-17.77	Peak	Vertical
	17989.80	25.96	22.77	48.73	54.00	-5.27	Average	Vertical
	17989.80	34.27	22.77	57.04	74.00	-16.96	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 60
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10380.60	35.08	15.04	50.12	68.20	-18.08	Peak	Horizontal
	11429.50	35.56	14.50	50.06	74.00	-23.94	Peak	Horizontal
*	14703.70	35.53	15.72	51.25	68.20	-16.95	Peak	Horizontal
	17960.90	25.94	22.10	48.04	54.00	-5.96	Average	Horizontal
	17960.90	34.96	22.10	57.06	74.00	-16.94	Peak	Horizontal
*	10599.90	40.89	15.15	56.04	68.20	-12.16	Peak	Vertical
	11174.50	35.91	14.41	50.32	74.00	-23.68	Peak	Vertical
*	14069.60	35.83	15.11	50.94	68.20	-17.26	Peak	Vertical
	18000.00	25.61	22.85	48.46	54.00	-5.54	Average	Vertical
	18000.00	35.82	22.85	58.67	74.00	-15.33	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 64
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10389.10	34.26	15.11	49.37	68.20	-18.83	Peak	Horizontal
	11336.00	35.67	14.41	50.08	74.00	-23.92	Peak	Horizontal
*	14027.10	35.32	15.16	50.48	68.20	-17.72	Peak	Horizontal
	18000.00	25.94	22.85	48.79	54.00	-5.21	Average	Horizontal
	18000.00	34.38	22.85	57.23	74.00	-16.77	Peak	Horizontal
	10640.70	39.70	15.14	54.84	74.00	-19.16	Peak	Vertical
	11650.50	36.36	13.81	50.17	74.00	-23.83	Peak	Vertical
*	14020.30	35.62	15.10	50.72	68.20	-17.48	Peak	Vertical
	17996.60	25.98	22.83	48.81	54.00	-5.19	Average	Vertical
	17996.60	34.95	22.83	57.78	74.00	-16.22	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 100
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9913.10	34.93	14.52	49.45	68.20	-18.75	Peak	Horizontal
	11001.10	35.75	15.04	50.79	74.00	-23.21	Peak	Horizontal
*	13862.20	35.62	14.64	50.26	68.20	-17.94	Peak	Horizontal
	17991.50	25.98	22.78	48.76	54.00	-5.24	Average	Horizontal
	17991.50	34.76	22.78	57.54	74.00	-16.46	Peak	Horizontal
*	10516.60	34.59	15.18	49.77	68.20	-18.43	Peak	Vertical
	11001.10	32.85	15.04	47.89	54.00	-6.11	Average	Vertical
	11001.10	42.98	15.04	58.02	74.00	-15.98	Peak	Vertical
*	14309.30	35.66	15.72	51.38	68.20	-16.82	Peak	Vertical
	17969.40	25.96	22.26	48.22	54.00	-5.78	Average	Vertical
	17969.40	35.22	22.26	57.48	74.00	-16.52	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 116
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10037.20	34.25	14.24	48.49	68.20	-19.71	Peak	Horizontal
	11286.70	35.32	14.38	49.70	74.00	-24.30	Peak	Horizontal
*	13750.00	34.80	14.29	49.09	68.20	-19.11	Peak	Horizontal
	17986.40	25.94	22.74	48.68	54.00	-5.32	Average	Horizontal
	17986.40	34.24	22.74	56.98	74.00	-17.02	Peak	Horizontal
*	9899.50	34.87	14.24	49.11	68.20	-19.09	Peak	Vertical
	11154.10	32.55	14.41	46.96	54.00	-7.04	Average	Vertical
	11154.10	42.90	14.41	57.31	74.00	-16.69	Peak	Vertical
*	13789.10	36.18	14.28	50.46	68.20	-17.74	Peak	Vertical
	17994.90	25.94	22.81	48.75	54.00	-5.25	Average	Vertical
	17994.90	34.46	22.81	57.27	74.00	-16.73	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 140
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9930.10	34.27	14.51	48.78	68.20	-19.42	Peak	Horizontal
	11407.40	31.98	14.42	46.40	54.00	-7.60	Average	Horizontal
	11407.40	38.42	14.42	52.84	74.00	-21.16	Peak	Horizontal
*	13947.20	34.36	14.92	49.28	68.20	-18.92	Peak	Horizontal
	17988.10	25.96	22.75	48.71	54.00	-5.29	Average	Horizontal
	17988.10	34.79	22.75	57.54	74.00	-16.46	Peak	Horizontal
*	10137.50	34.34	14.50	48.84	68.20	-19.36	Peak	Vertical
	11400.60	34.36	14.39	48.75	54.00	-5.25	Average	Vertical
	11400.60	43.69	14.39	58.08	74.00	-15.92	Peak	Vertical
*	14115.50	34.86	15.16	50.02	68.20	-18.18	Peak	Vertical
	18000.00	25.98	22.85	48.83	54.00	-5.17	Average	Vertical
	18000.00	34.22	22.85	57.07	74.00	-16.93	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 144
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10222.50	34.63	14.74	49.37	68.20	-18.83	Peak	Horizontal
	11438.00	35.72	14.48	50.20	74.00	-23.80	Peak	Horizontal
*	14013.50	34.65	15.06	49.71	68.20	-18.49	Peak	Horizontal
	17977.90	25.96	22.54	48.50	54.00	-5.50	Average	Horizontal
	17977.90	35.18	22.54	57.72	74.00	-16.28	Peak	Horizontal
*	10027.00	35.08	14.32	49.40	68.20	-18.80	Peak	Vertical
	11446.50	33.53	14.44	47.97	54.00	-6.03	Average	Vertical
	11446.50	43.95	14.44	58.39	74.00	-15.61	Peak	Vertical
*	13984.60	36.06	15.07	51.13	68.20	-17.07	Peak	Vertical
	17989.80	25.96	22.77	48.73	54.00	-5.27	Average	Vertical
	17989.80	34.45	22.77	57.22	74.00	-16.78	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 149
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10268.40	32.95	14.82	47.77	68.20	-20.43	Peak	Horizontal
	11489.00	39.39	14.31	53.70	54.00	-0.30	Average	Horizontal
	11489.00	48.83	14.31	63.14	74.00	-10.86	Peak	Horizontal
*	13974.40	33.88	15.09	48.97	68.20	-19.23	Peak	Horizontal
	17983.00	25.96	22.71	48.67	54.00	-5.33	Average	Horizontal
	17983.00	32.87	22.71	55.58	74.00	-18.42	Peak	Horizontal
*	10482.60	34.27	15.20	49.47	68.20	-18.73	Peak	Vertical
	11490.70	33.55	14.31	47.86	54.00	-6.14	Average	Vertical
	11490.70	40.43	14.31	54.74	74.00	-19.26	Peak	Vertical
*	14040.70	34.42	15.16	49.58	68.20	-18.62	Peak	Vertical
	17988.10	25.96	22.75	48.71	54.00	-5.29	Average	Vertical
	17988.10	34.77	22.75	57.52	74.00	-16.48	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 157
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9906.30	35.63	14.39	50.02	68.20	-18.18	Peak	Horizontal
	11570.60	30.15	14.07	44.22	54.00	-9.78	Average	Horizontal
	11570.60	37.63	14.07	51.70	74.00	-22.30	Peak	Horizontal
*	14027.10	34.52	15.16	49.68	68.20	-18.52	Peak	Horizontal
	17976.20	25.95	22.48	48.43	54.00	-5.57	Average	Horizontal
	17976.20	35.18	22.48	57.66	74.00	-16.34	Peak	Horizontal
*	9994.70	34.21	14.33	48.54	68.20	-19.66	Peak	Vertical
	11568.90	39.55	14.06	53.61	54.00	-0.39	Average	Vertical
	11568.90	49.09	14.06	63.15	74.00	-10.85	Peak	Vertical
*	13969.30	34.92	15.07	49.99	68.20	-18.21	Peak	Vertical
	17994.90	25.60	22.81	48.41	54.00	-5.59	Average	Vertical
	17994.90	33.58	22.81	56.39	74.00	-17.61	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE20 – Channel 165
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10304.10	34.79	14.94	49.73	68.20	-18.47	Peak	Horizontal
	11652.20	31.62	13.81	45.43	54.00	-8.57	Average	Horizontal
	11652.20	38.15	13.81	51.96	74.00	-22.04	Peak	Horizontal
*	14185.20	34.71	15.46	50.17	68.20	-18.03	Peak	Horizontal
	17875.90	25.93	21.16	47.09	54.00	-6.91	Average	Horizontal
	17875.90	35.66	21.16	56.82	74.00	-17.18	Peak	Horizontal
*	9697.20	34.69	14.12	48.81	68.20	-19.39	Peak	Vertical
	11650.50	37.60	13.81	51.41	54.00	-2.59	Average	Vertical
	11650.50	46.60	13.81	60.41	74.00	-13.59	Peak	Vertical
*	13843.50	34.45	14.52	48.97	68.20	-19.23	Peak	Vertical
	17943.90	25.95	21.92	47.87	54.00	-6.13	Average	Vertical
	17943.90	35.37	21.92	57.29	74.00	-16.71	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 38
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9909.70	34.37	14.46	48.83	68.20	-19.37	Peak	Horizontal
	11208.50	35.96	14.35	50.31	74.00	-23.69	Peak	Horizontal
*	13884.30	34.43	14.81	49.24	68.20	-18.96	Peak	Horizontal
	18000.00	25.96	22.85	48.81	54.00	-5.19	Average	Horizontal
	18000.00	34.91	22.85	57.76	74.00	-16.24	Peak	Horizontal
*	10380.60	41.17	15.04	56.21	68.20	-11.99	Peak	Vertical
	10996.00	35.20	15.06	50.26	74.00	-23.74	Peak	Vertical
*	13988.00	33.37	15.06	48.43	68.20	-19.77	Peak	Vertical
	17947.30	25.64	21.96	47.60	54.00	-6.40	Average	Vertical
	17947.30	35.29	21.96	57.25	74.00	-16.75	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 46
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10462.20	40.77	15.31	56.08	68.20	-12.12	Peak	Horizontal
	11652.20	36.37	13.81	50.18	74.00	-23.82	Peak	Horizontal
*	13819.70	34.85	14.36	49.21	68.20	-18.99	Peak	Horizontal
	17984.70	25.66	22.73	48.39	54.00	-5.61	Average	Horizontal
	17984.70	34.71	22.73	57.44	74.00	-16.56	Peak	Horizontal
*	9731.20	36.78	14.30	51.08	68.20	-17.12	Peak	Vertical
*	10450.30	48.52	15.21	63.73	68.20	-4.47	Peak	Vertical
	11235.70	36.01	14.31	50.32	74.00	-23.68	Peak	Vertical
	17976.20	25.98	22.48	48.46	54.00	-5.54	Average	Vertical
	17976.20	34.58	22.48	57.06	74.00	-16.94	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 54
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9749.90	35.48	14.31	49.79	68.20	-18.41	Peak	Horizontal
	11120.10	35.11	14.56	49.67	74.00	-24.33	Peak	Horizontal
*	13845.20	33.88	14.54	48.42	68.20	-19.78	Peak	Horizontal
	17901.40	25.66	21.56	47.22	54.00	-6.78	Average	Horizontal
	17901.40	36.06	21.56	57.62	74.00	-16.38	Peak	Horizontal
*	10127.30	35.55	14.55	50.10	68.20	-18.10	Peak	Vertical
*	10537.00	41.31	15.20	56.51	68.20	-11.69	Peak	Vertical
	11228.90	35.50	14.34	49.84	74.00	-24.16	Peak	Vertical
	17996.60	25.99	22.83	48.82	54.00	-5.18	Average	Vertical
	17996.60	33.94	22.83	56.77	74.00	-17.23	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 62
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9732.90	34.98	14.30	49.28	68.20	-18.92	Peak	Horizontal
	11854.50	37.34	13.24	50.58	74.00	-23.42	Peak	Horizontal
*	13955.70	35.23	15.00	50.23	68.20	-17.97	Peak	Horizontal
	17994.90	25.99	22.81	48.80	54.00	-5.20	Average	Horizontal
	17994.90	35.02	22.81	57.83	74.00	-16.17	Peak	Horizontal
*	9795.80	34.58	14.42	49.00	68.20	-19.20	Peak	Vertical
*	10469.00	45.49	15.37	60.86	68.20	-7.34	Peak	Vertical
	11268.00	35.90	14.23	50.13	74.00	-23.87	Peak	Vertical
	17984.70	25.94	22.73	48.67	54.00	-5.33	Average	Vertical
	17984.70	35.13	22.73	57.86	74.00	-16.14	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 102
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9928.40	35.07	14.52	49.59	68.20	-18.61	Peak	Horizontal
	11028.30	35.27	14.90	50.17	74.00	-23.83	Peak	Horizontal
*	12971.40	37.23	12.97	50.20	68.20	-18.00	Peak	Horizontal
	17986.40	25.33	22.74	48.07	54.00	-5.93	Average	Horizontal
	17986.40	35.25	22.74	57.99	74.00	-16.01	Peak	Horizontal
*	9889.30	35.74	14.27	50.01	68.20	-18.19	Peak	Vertical
	11026.60	35.21	14.91	50.12	54.00	-3.88	Average	Vertical
	11026.60	42.34	14.91	57.25	74.00	-16.75	Peak	Vertical
*	14210.70	35.79	15.45	51.24	68.20	-16.96	Peak	Vertical
	18000.00	25.14	22.85	47.99	54.00	-6.01	Average	Vertical
	18000.00	34.72	22.85	57.57	74.00	-16.43	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 110
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9926.70	34.66	14.52	49.18	68.20	-19.02	Peak	Horizontal
	11094.60	35.33	14.59	49.92	74.00	-24.08	Peak	Horizontal
*	14210.70	34.63	15.45	50.08	68.20	-18.12	Peak	Horizontal
	17993.20	25.95	22.80	48.75	54.00	-5.25	Average	Horizontal
	17993.20	34.57	22.80	57.37	74.00	-16.63	Peak	Horizontal
*	9930.10	34.67	14.51	49.18	68.20	-19.02	Peak	Vertical
	11094.60	33.08	14.59	47.67	54.00	-6.33	Average	Vertical
	11094.60	44.17	14.59	58.76	74.00	-15.24	Peak	Vertical
*	14260.00	34.69	15.61	50.30	68.20	-17.90	Peak	Vertical
	17989.80	25.95	22.77	48.72	54.00	-5.28	Average	Vertical
	17989.80	34.94	22.77	57.71	74.00	-16.29	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 134
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9896.10	34.59	14.17	48.76	68.20	-19.44	Peak	Horizontal
	10999.40	35.32	15.05	50.37	74.00	-23.63	Peak	Horizontal
*	14178.40	35.19	15.43	50.62	68.20	-17.58	Peak	Horizontal
	17996.60	25.65	22.83	48.48	54.00	-5.52	Average	Horizontal
	17996.60	35.47	22.83	58.30	74.00	-15.70	Peak	Horizontal
*	9807.70	34.68	14.56	49.24	68.20	-18.96	Peak	Vertical
	11347.90	33.49	14.37	47.86	54.00	-6.14	Average	Vertical
	11347.90	42.19	14.37	56.56	74.00	-17.44	Peak	Vertical
*	13930.20	35.30	14.74	50.04	68.20	-18.16	Peak	Vertical
	17950.70	25.63	22.00	47.63	54.00	-6.37	Average	Vertical
	17950.70	35.76	22.00	57.76	74.00	-16.24	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 142
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9935.20	34.67	14.45	49.12	68.20	-19.08	Peak	Horizontal
	10963.70	34.81	15.14	49.95	74.00	-24.05	Peak	Horizontal
*	13991.40	35.61	15.05	50.66	68.20	-17.54	Peak	Horizontal
	17979.60	25.99	22.60	48.59	54.00	-5.41	Average	Horizontal
	17979.60	34.50	22.60	57.10	74.00	-16.90	Peak	Horizontal
*	9877.40	34.49	14.55	49.04	68.20	-19.16	Peak	Vertical
	11419.30	32.59	14.51	47.10	54.00	-6.90	Average	Vertical
	11419.30	42.12	14.51	56.63	74.00	-17.37	Peak	Vertical
*	14202.20	34.68	15.48	50.16	68.20	-18.04	Peak	Vertical
	17996.60	25.98	22.83	48.81	54.00	-5.19	Average	Vertical
	17996.60	33.88	22.83	56.71	74.00	-17.29	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 151
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9919.90	34.69	14.53	49.22	68.20	-18.98	Peak	Horizontal
	11507.70	32.61	14.30	46.91	54.00	-7.09	Average	Horizontal
	11507.70	37.97	14.30	52.27	74.00	-21.73	Peak	Horizontal
*	14243.00	34.42	15.61	50.03	68.20	-18.17	Peak	Horizontal
	17947.30	25.98	21.96	47.94	54.00	-6.06	Average	Horizontal
	17947.30	35.27	21.96	57.23	74.00	-16.77	Peak	Horizontal
*	9663.20	36.22	14.12	50.34	68.20	-17.86	Peak	Vertical
	11516.20	37.24	14.24	51.48	54.00	-2.52	Average	Vertical
	11516.20	46.56	14.24	60.80	74.00	-13.20	Peak	Vertical
*	13994.80	34.81	15.04	49.85	68.20	-18.35	Peak	Vertical
	17945.60	25.95	21.95	47.90	54.00	-6.10	Average	Vertical
	17945.60	35.54	21.95	57.49	74.00	-16.51	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE40 – Channel 159
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9797.50	35.11	14.44	49.55	68.20	-18.65	Peak	Horizontal
	11597.80	36.45	13.94	50.39	74.00	-23.61	Peak	Horizontal
*	14305.90	35.44	15.70	51.14	68.20	-17.06	Peak	Horizontal
	17981.30	25.95	22.65	48.60	54.00	-5.40	Average	Horizontal
	17981.30	34.82	22.65	57.47	74.00	-16.53	Peak	Horizontal
*	10472.40	34.46	15.35	49.81	68.20	-18.39	Peak	Vertical
	11597.80	37.64	13.94	51.58	54.00	-2.42	Average	Vertical
	11597.80	44.30	13.94	58.24	74.00	-15.76	Peak	Vertical
*	14348.40	36.15	15.78	51.93	68.20	-16.27	Peak	Vertical
	17981.30	25.66	22.65	48.31	54.00	-5.69	Average	Vertical
	17981.30	35.08	22.65	57.73	74.00	-16.27	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9819.60	34.19	14.72	48.91	68.20	-19.29	Peak	Horizontal
	11115.00	34.79	14.58	49.37	74.00	-24.63	Peak	Horizontal
*	13792.50	34.86	14.30	49.16	68.20	-19.04	Peak	Horizontal
	17996.60	25.96	22.83	48.79	54.00	-5.21	Average	Horizontal
	17996.60	33.73	22.83	56.56	74.00	-17.44	Peak	Horizontal
*	10545.50	35.87	15.14	51.01	68.20	-17.19	Peak	Vertical
	11298.60	35.24	14.36	49.60	74.00	-24.40	Peak	Vertical
*	14171.60	34.74	15.38	50.12	68.20	-18.08	Peak	Vertical
	17996.60	25.91	22.83	48.74	54.00	-5.26	Average	Vertical
	17996.60	33.91	22.83	56.74	74.00	-17.26	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
	10928.00	35.53	15.16	50.69	74.00	-23.31	Peak	Horizontal
*	13569.80	35.19	14.09	49.28	68.20	-18.92	Peak	Horizontal
*	16857.60	35.80	14.89	50.69	68.20	-17.51	Peak	Horizontal
	17988.10	25.96	22.75	48.71	54.00	-5.29	Average	Horizontal
	17988.10	34.13	22.75	56.88	74.00	-17.12	Peak	Horizontal
*	9962.40	35.18	14.23	49.41	68.20	-18.79	Peak	Vertical
*	10577.80	36.41	15.06	51.47	68.20	-16.73	Peak	Vertical
	11206.80	35.59	14.35	49.94	74.00	-24.06	Peak	Vertical
	17988.10	25.62	22.75	48.37	54.00	-5.63	Average	Vertical
	17988.10	33.84	22.75	56.59	74.00	-17.41	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9936.90	34.18	14.42	48.60	68.20	-19.60	Peak	Horizontal
	11381.90	34.86	14.41	49.27	74.00	-24.73	Peak	Horizontal
*	14132.50	34.96	15.05	50.01	68.20	-18.19	Peak	Horizontal
	17955.80	25.96	22.05	48.01	54.00	-5.99	Average	Horizontal
	17955.80	35.07	22.05	57.12	74.00	-16.88	Peak	Horizontal
*	10134.10	35.02	14.53	49.55	68.20	-18.65	Peak	Vertical
	11075.90	31.60	14.68	46.28	54.00	-7.72	Average	Vertical
	11075.90	39.52	14.68	54.20	74.00	-19.80	Peak	Vertical
*	14334.80	35.07	15.69	50.76	68.20	-17.44	Peak	Vertical
	17996.60	25.95	22.83	48.78	54.00	-5.22	Average	Vertical
	17996.60	33.74	22.83	56.57	74.00	-17.43	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10467.30	33.92	15.35	49.27	68.20	-18.93	Peak	Horizontal
	11228.90	35.77	14.34	50.11	74.00	-23.89	Peak	Horizontal
*	14013.50	34.90	15.06	49.96	68.20	-18.24	Peak	Horizontal
	17967.70	25.96	22.21	48.17	54.00	-5.83	Average	Horizontal
	17967.70	35.26	22.21	57.47	74.00	-16.53	Peak	Horizontal
*	10010.00	34.28	14.34	48.62	68.20	-19.58	Peak	Vertical
	11251.00	35.63	14.20	49.83	54.00	-4.17	Average	Vertical
	11251.00	40.42	14.20	54.62	74.00	-19.38	Peak	Vertical
*	14149.50	35.42	15.14	50.56	68.20	-17.64	Peak	Vertical
	17972.80	25.97	22.37	48.34	54.00	-5.66	Average	Vertical
	17972.80	34.89	22.37	57.26	74.00	-16.74	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE80 – Channel 138
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10309.20	34.29	14.97	49.26	68.20	-18.94	Peak	Horizontal
	10919.50	34.81	15.21	50.02	74.00	-23.98	Peak	Horizontal
*	14260.00	34.78	15.61	50.39	68.20	-17.81	Peak	Horizontal
	17972.80	25.96	22.37	48.33	54.00	-5.67	Average	Horizontal
	17972.80	34.06	22.37	56.43	74.00	-17.57	Peak	Horizontal
	9426.90	34.88	13.70	48.59	74.00	-25.41	Peak	Vertical
	11390.40	31.62	14.40	46.02	54.00	-7.98	Average	Vertical
	11390.40	40.78	14.40	55.18	74.00	-18.82	Peak	Vertical
*	13862.20	32.40	14.64	47.04	68.20	-21.16	Peak	Vertical
	17994.90	25.99	22.81	48.80	54.00	-5.20	Average	Vertical
	17994.90	34.16	22.81	56.97	74.00	-17.03	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9877.40	34.58	14.55	49.13	68.20	-19.07	Peak	Horizontal
	11070.80	35.12	14.68	49.80	74.00	-24.20	Peak	Horizontal
*	13906.40	34.46	14.71	49.17	68.20	-19.03	Peak	Horizontal
	17967.70	25.96	22.21	48.17	54.00	-5.83	Average	Horizontal
	17967.70	34.88	22.21	57.09	74.00	-16.91	Peak	Horizontal
*	9906.30	35.46	14.39	49.85	68.20	-18.35	Peak	Vertical
	11548.50	33.95	14.14	48.09	54.00	-5.91	Average	Vertical
	11548.50	42.26	14.14	56.40	74.00	-17.60	Peak	Vertical
*	13916.60	35.03	14.67	49.70	68.20	-18.50	Peak	Vertical
	17945.60	25.99	21.95	47.94	54.00	-6.06	Average	Vertical
	17945.60	34.67	21.95	56.62	74.00	-17.38	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE160 – Channel 50
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	10016.80	34.27	14.34	48.61	68.20	-19.59	Peak	Horizontal
	10919.50	34.72	15.21	49.93	74.00	-24.07	Peak	Horizontal
*	14101.90	35.10	15.17	50.27	68.20	-17.93	Peak	Horizontal
	17983.00	25.99	22.71	48.70	54.00	-5.30	Average	Horizontal
	17983.00	34.69	22.71	57.40	74.00	-16.60	Peak	Horizontal
*	10212.30	34.66	14.65	49.31	68.20	-18.89	Peak	Vertical
	11200.00	35.93	14.33	50.26	74.00	-23.74	Peak	Vertical
*	13880.90	34.76	14.78	49.54	68.20	-18.66	Peak	Vertical
	17875.90	25.96	21.16	47.12	54.00	-6.88	Average	Vertical
	17875.90	36.05	21.16	57.21	74.00	-16.79	Peak	Vertical

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

Note 2: 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	Ajin Fan
Test Date	2025-04-28	Test Mode	802.11ax-HE160 – Channel 114
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB/m)	Detector	Polarization
*	9926.70	34.45	14.52	48.97	68.20	-19.23	Peak	Horizontal
	11614.80	36.26	13.81	50.07	74.00	-23.93	Peak	Horizontal
*	14091.70	34.12	15.12	49.24	68.20	-18.96	Peak	Horizontal
	18000.00	25.96	22.85	48.81	54.00	-5.19	Average	Horizontal
	18000.00	34.99	22.85	57.84	74.00	-16.16	Peak	Horizontal
*	9964.10	33.75	14.24	47.99	68.20	-20.21	Peak	Vertical
	11074.20	35.25	14.68	49.93	74.00	-24.07	Peak	Vertical
*	13942.10	34.60	14.87	49.47	68.20	-18.73	Peak	Vertical
	17991.50	25.31	22.78	48.09	54.00	-5.91	Average	Vertical
	17991.50	34.09	22.78	56.87	74.00	-17.13	Peak	Vertical

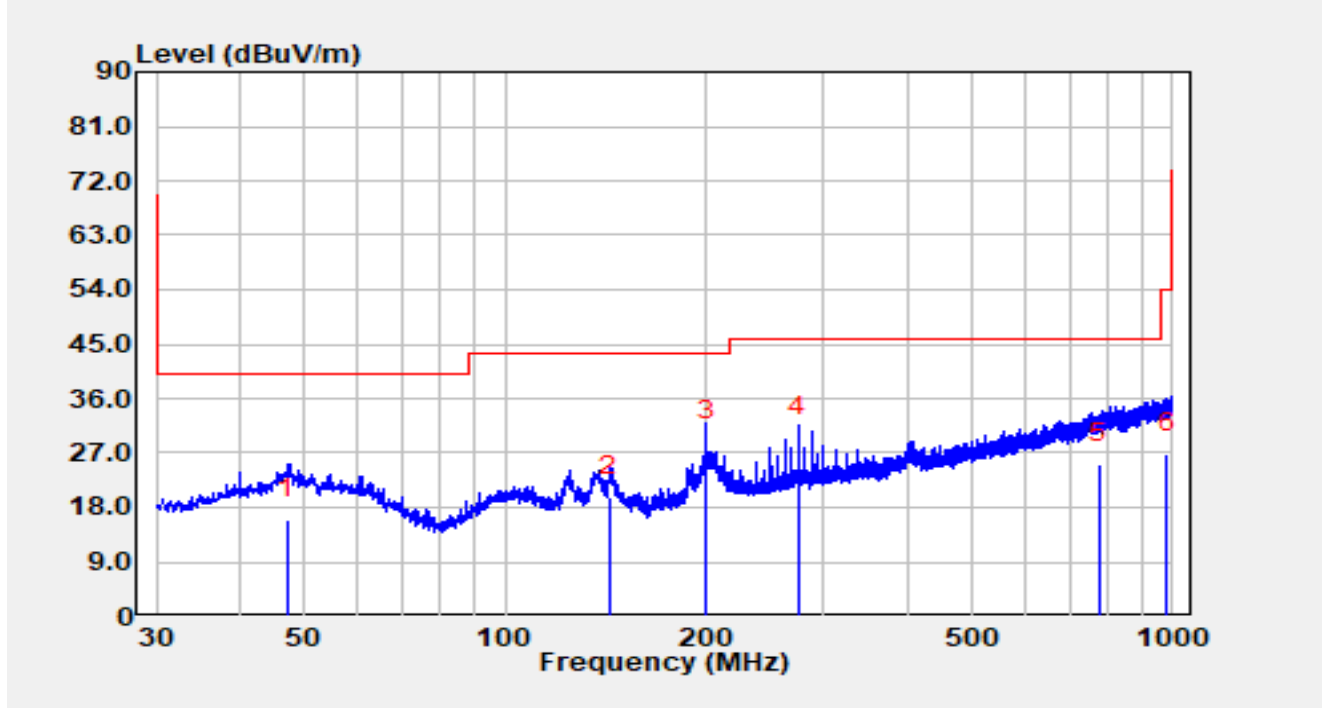
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: 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_5.8G_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 5785MHz		

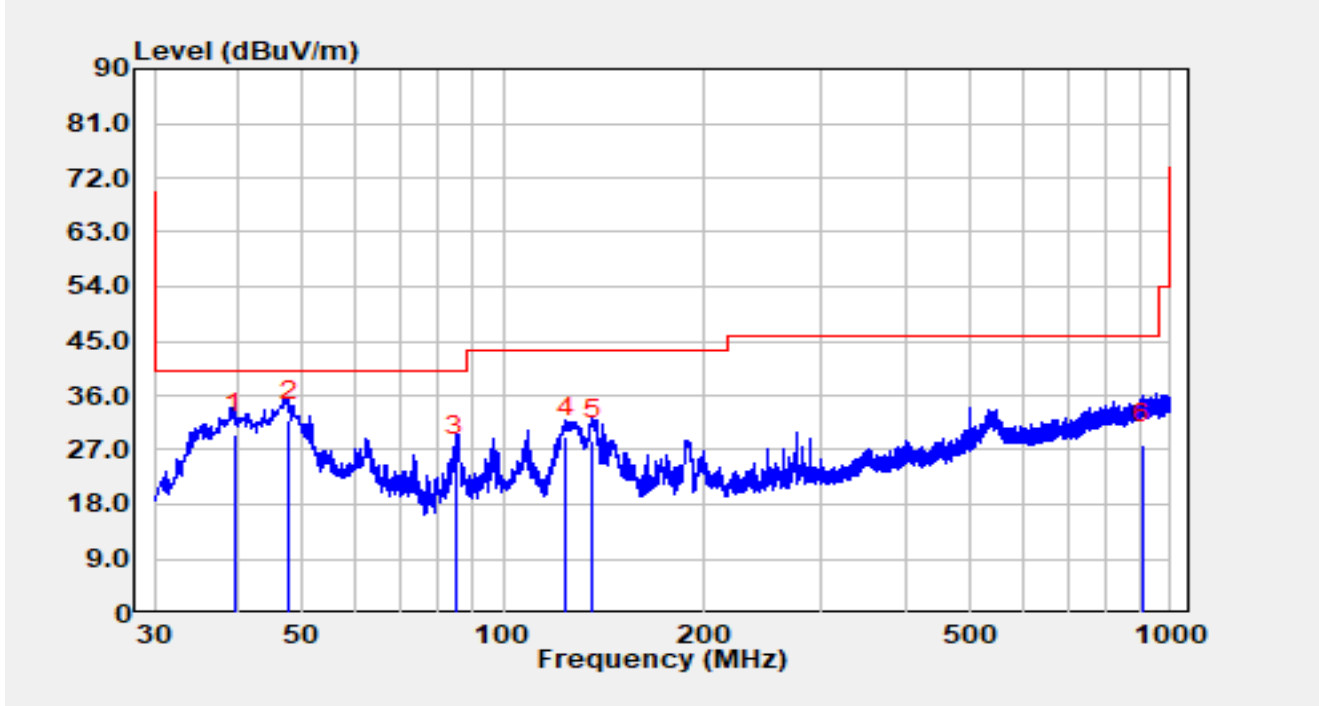


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		47.17	-4.61	20.58	15.97	-24.03	40.00	QP
2		143.39	4.75	15.11	19.86	-23.64	43.50	QP
3	*	200.04	9.76	19.20	28.96	-14.54	43.50	QP
4		275.02	9.17	20.38	29.55	-16.45	46.00	QP
5		777.19	-4.71	29.90	25.19	-20.81	46.00	QP
6		979.92	-4.99	31.91	26.92	-27.08	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 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site	WZ-AC2	Test Date	2025-04-23
Temperature	24.5 °C	Humidity	49.7 %
Limit	FCC_5.8G_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 5785MHz		



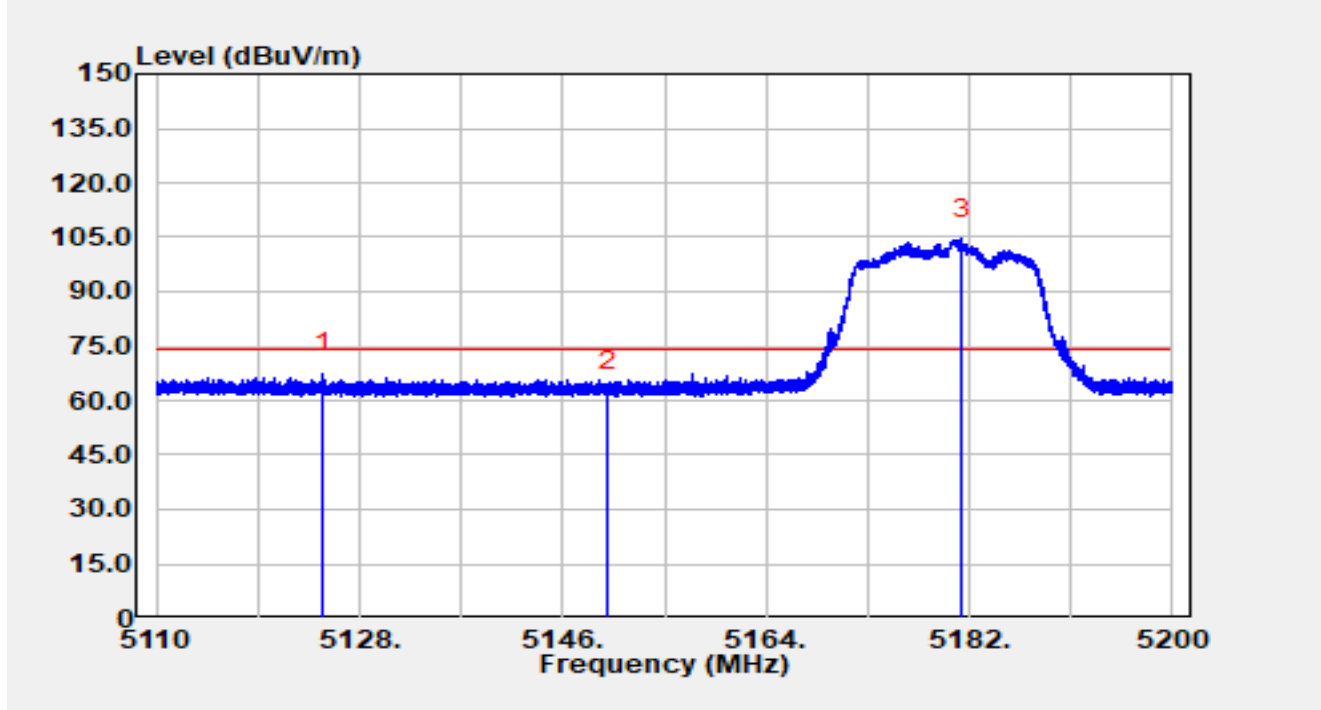
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		39.51	10.40	19.18	29.58	-10.42	40.00	QP
2	*	47.85	11.28	20.49	31.76	-8.24	40.00	QP
3		84.90	11.28	14.69	25.97	-14.03	40.00	QP
4		124.28	13.00	16.08	29.08	-14.42	43.50	QP
5		136.12	13.43	15.25	28.67	-14.83	43.50	QP
6		907.75	-3.44	31.34	27.90	-18.10	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 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

A.3 Radiated Restricted Band Edge Test Result

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5180MHz		

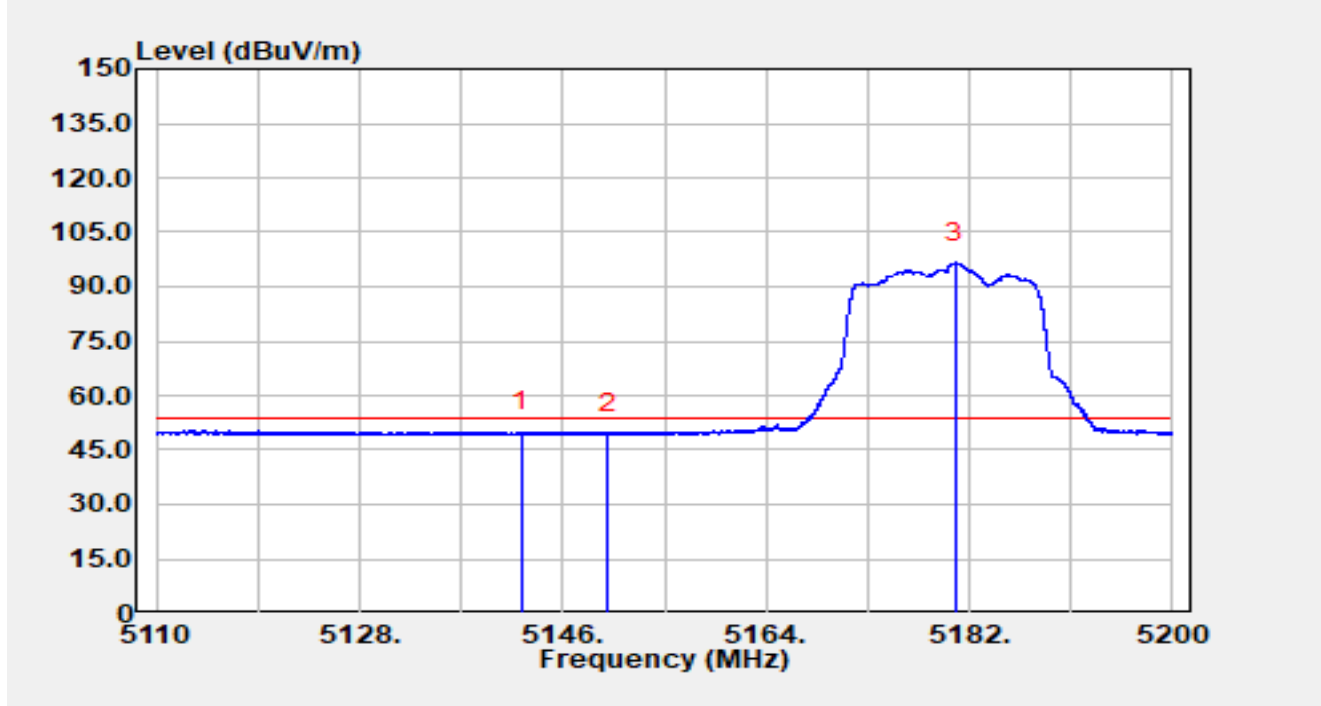


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5124.71	47.76	19.62	67.38	-6.62	74.00	Peak
2		5150.00	42.98	19.43	62.41	-11.59	74.00	Peak
3		5181.30	84.76	19.80	104.57	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5180MHz		

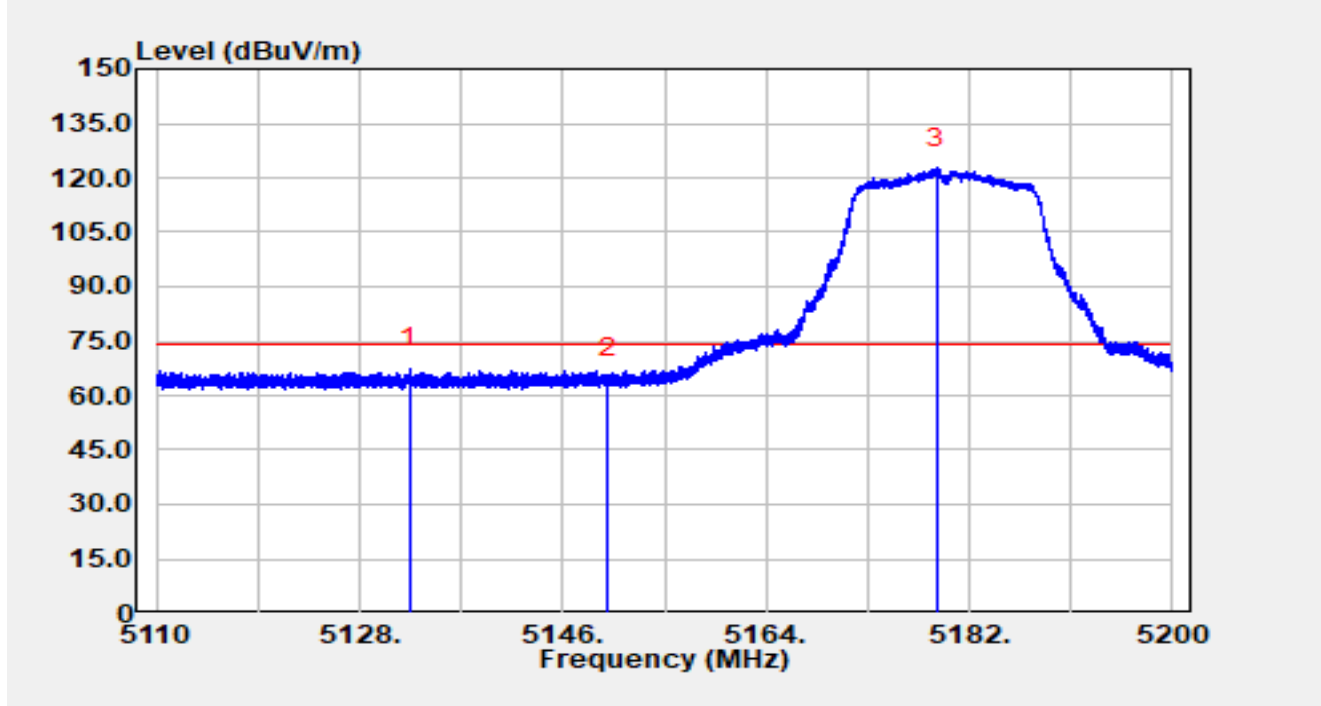


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5142.37	30.53	19.44	49.97	-4.03	54.00	Average
2		5150.00	30.14	19.43	49.57	-4.43	54.00	Average
3		5180.75	76.74	19.80	96.54	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5180MHz		

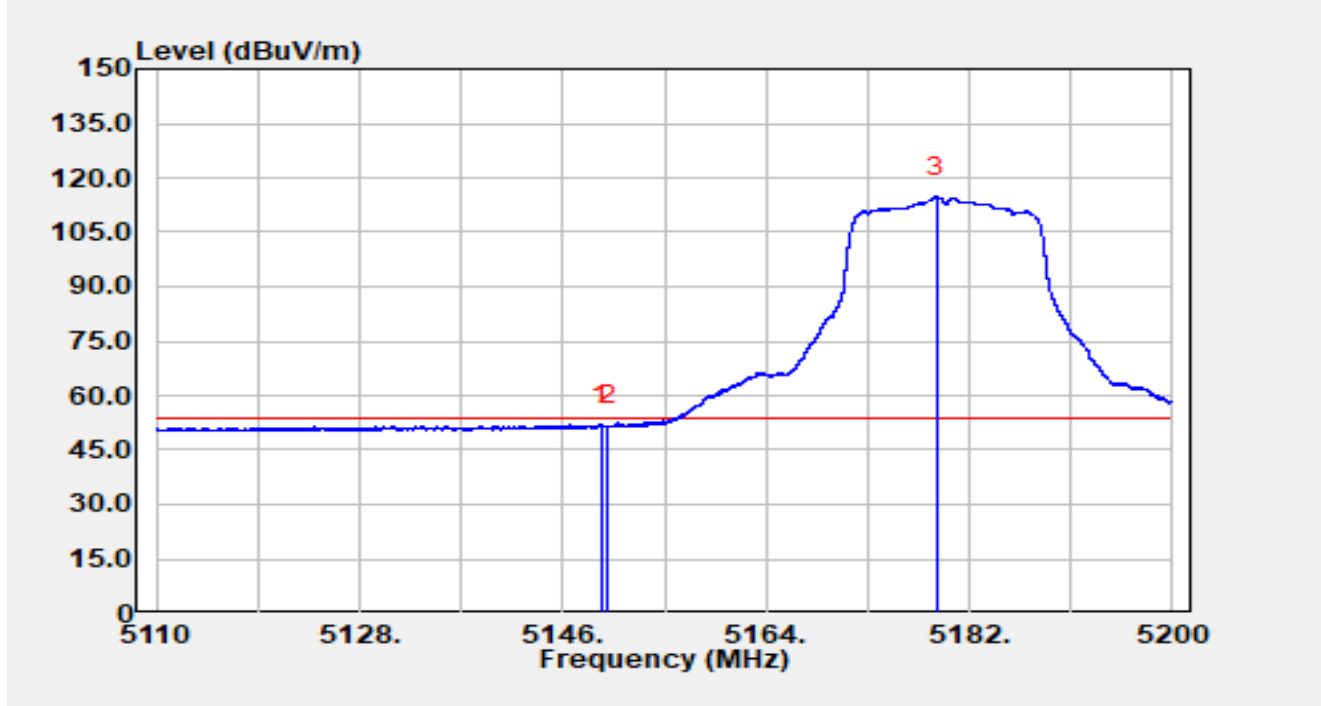


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5132.41	47.87	19.49	67.36	-6.64	74.00	Peak
2		5150.00	45.31	19.43	64.74	-9.26	74.00	Peak
3		5179.07	102.82	19.79	122.60	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5180MHz		

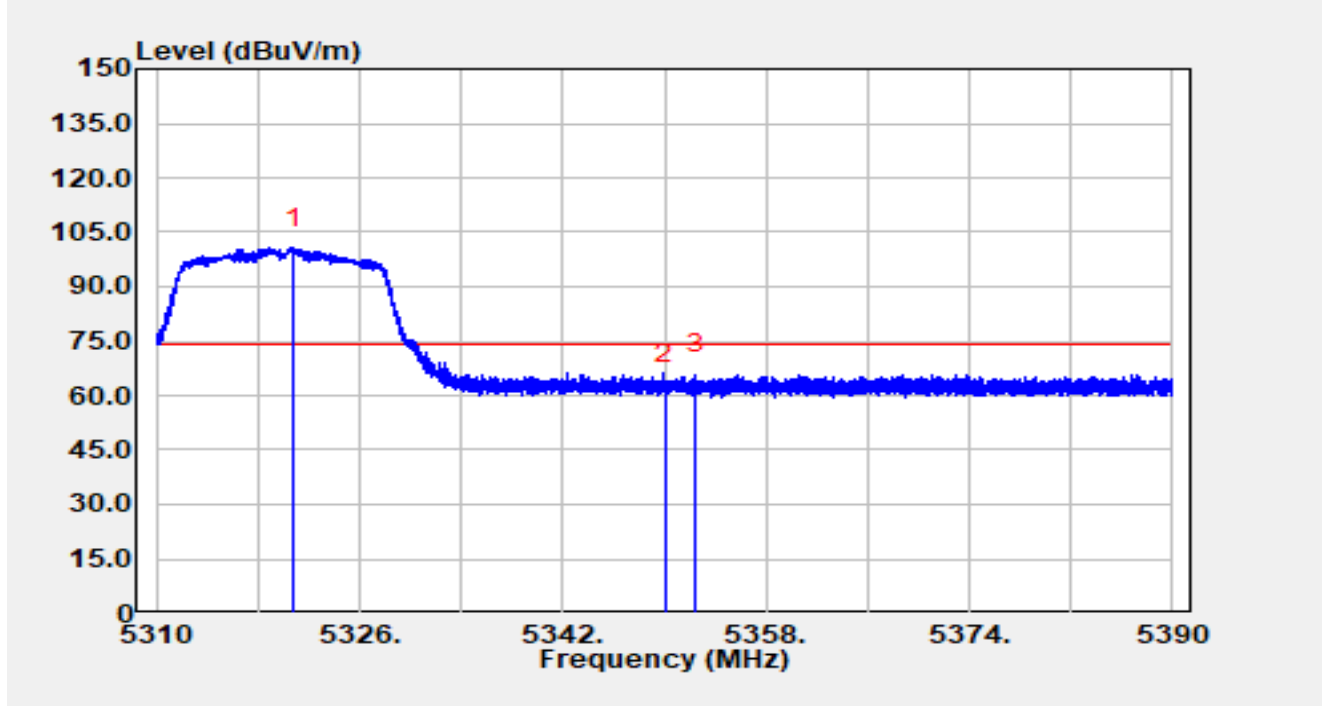


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5149.38	32.53	19.43	51.96	-2.04	54.00	Average
2		5150.00	32.22	19.43	51.65	-2.35	54.00	Average
3		5179.17	94.93	19.79	114.72	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5320MHz		

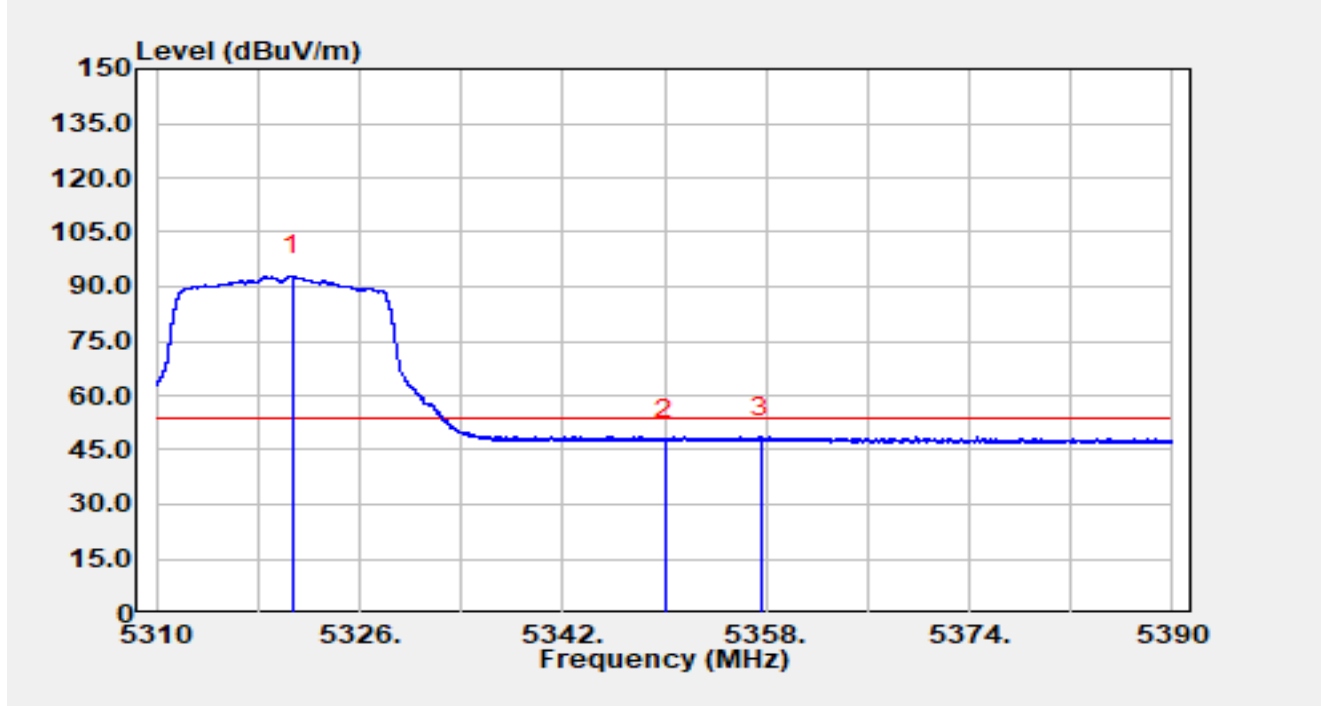


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5320.78	81.08	19.54	100.62	N/A	N/A	Peak
2		5350.00	43.28	19.85	63.13	-10.87	74.00	Peak
3	*	5352.49	45.98	19.87	65.85	-8.15	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5320MHz		

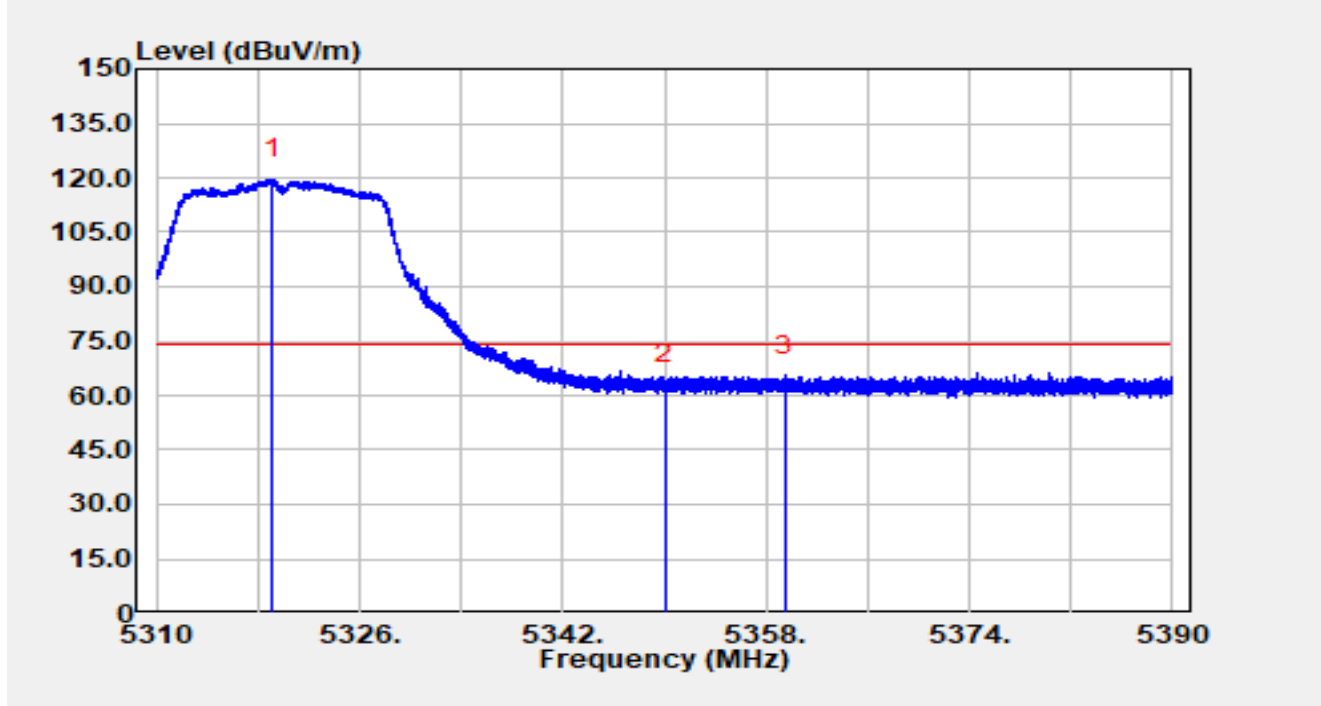


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5320.72	73.41	19.54	92.94	N/A	N/A	Average
2		5350.00	28.01	19.85	47.87	-6.13	54.00	Average
3	*	5357.57	28.73	19.91	48.64	-5.36	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5320MHz		

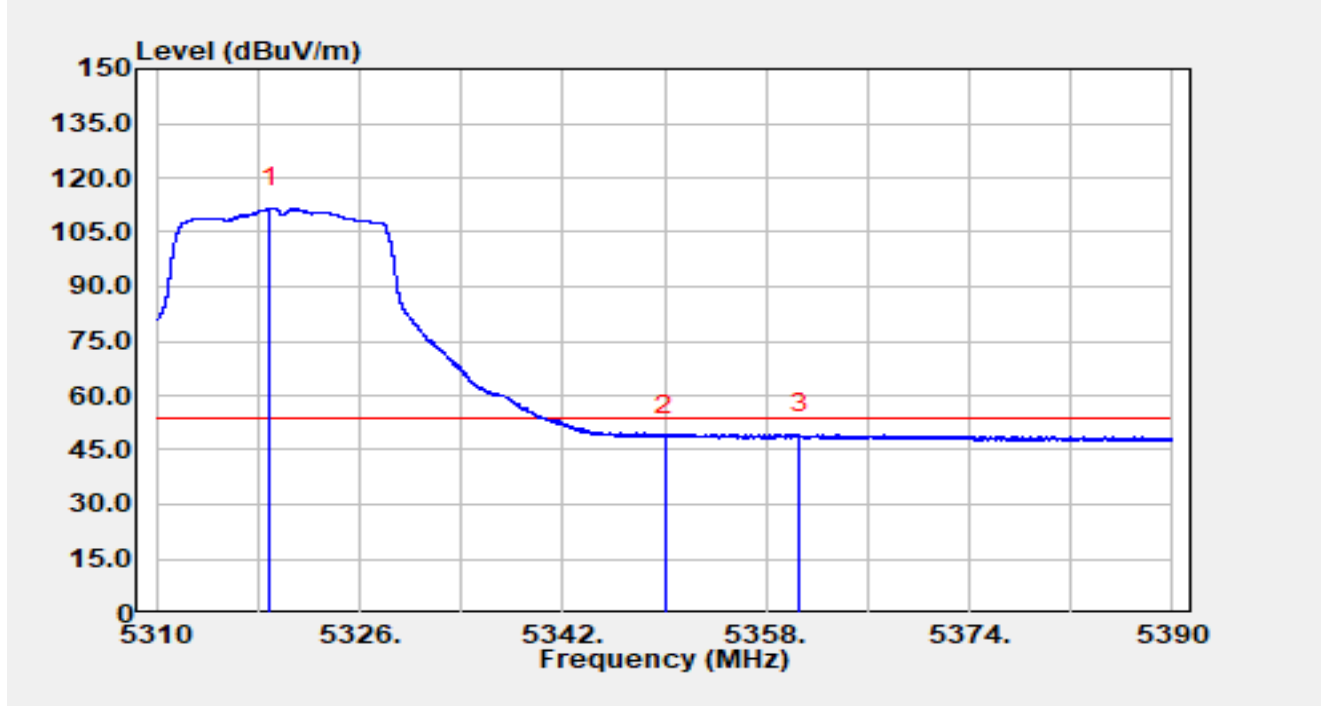


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5319.18	99.99	19.53	119.52	N/A	N/A	Peak
2		5350.00	43.25	19.85	63.10	-10.90	74.00	Peak
3	*	5359.48	45.64	19.91	65.55	-8.45	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5320MHz		

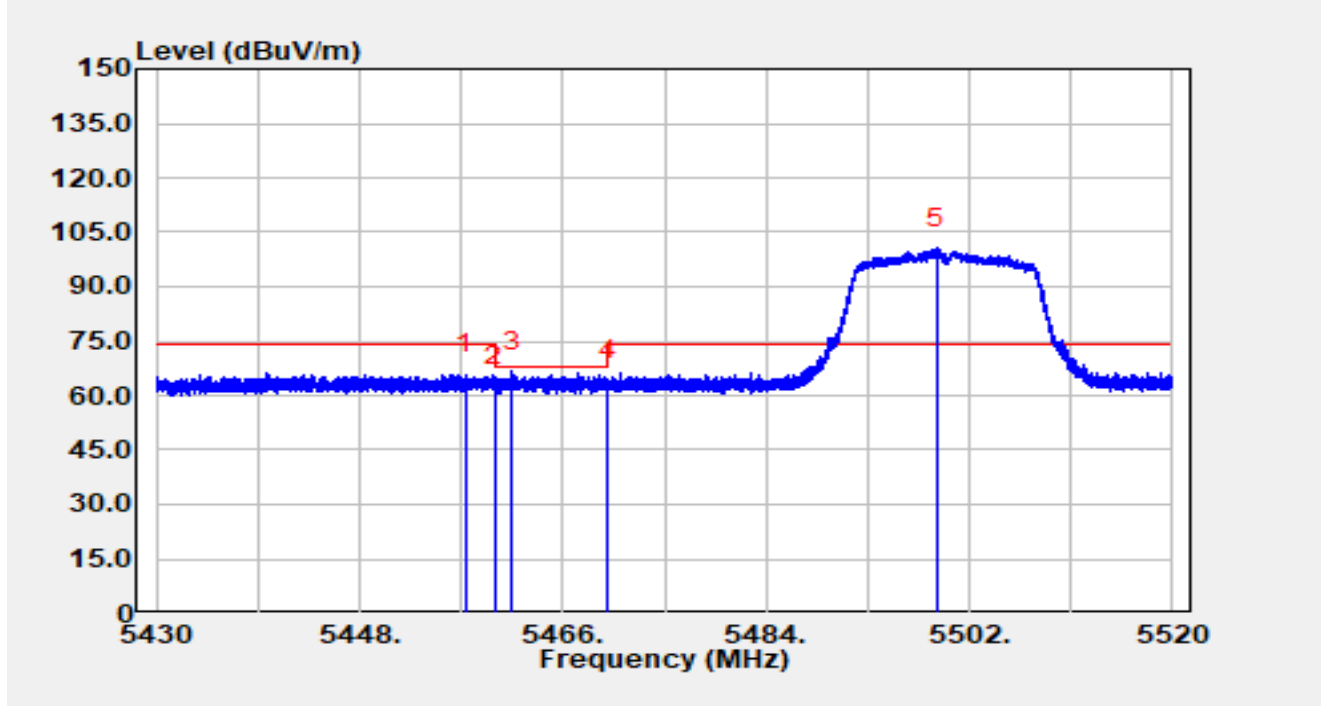


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5318.96	92.25	19.53	111.78	N/A	N/A	Average
2		5350.00	29.14	19.85	48.99	-5.01	54.00	Average
3	*	5360.62	29.59	19.91	49.49	-4.51	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5500MHz		

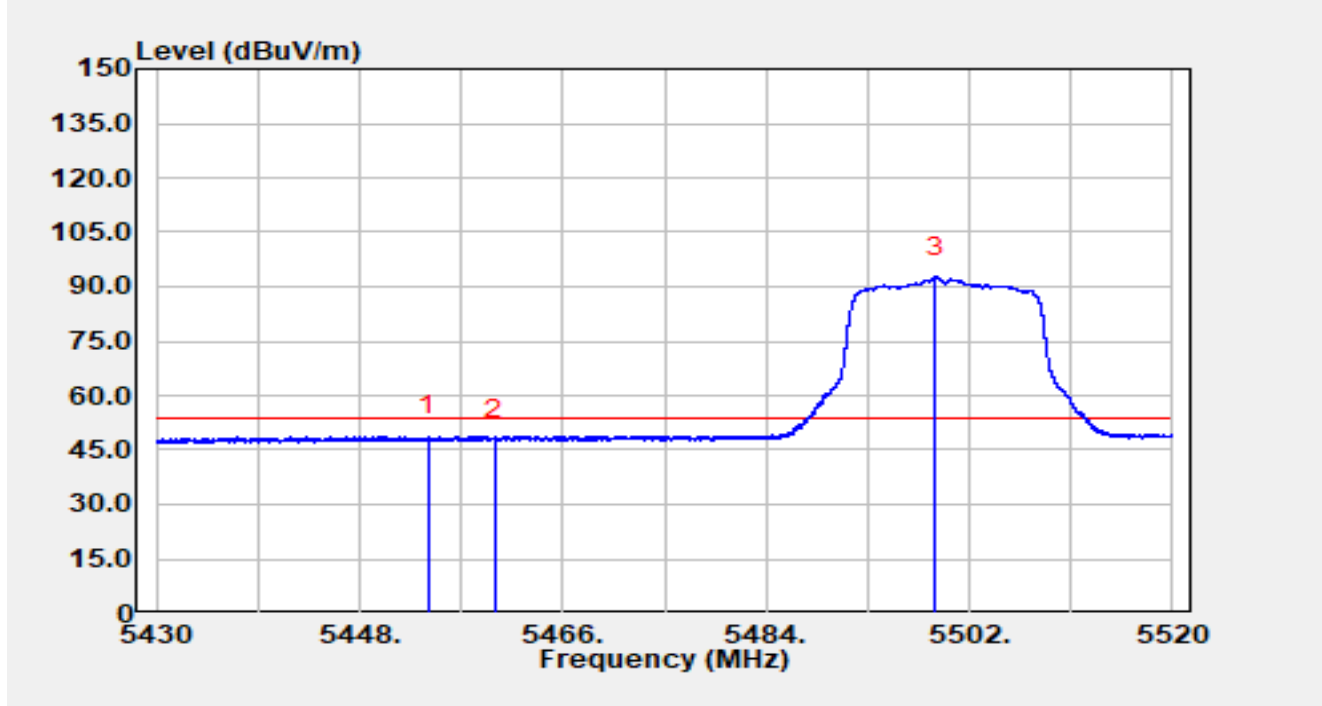


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5457.41	45.70	20.14	65.84	-8.16	74.00	Peak
2		5460.00	42.16	20.15	62.30	-5.90	68.20	Peak
3	*	5461.46	46.42	20.14	66.57	-1.63	68.20	Peak
4		5470.00	44.49	20.03	64.52	-3.68	68.20	Peak
5		5499.08	81.03	19.67	100.70	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) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5500MHz		

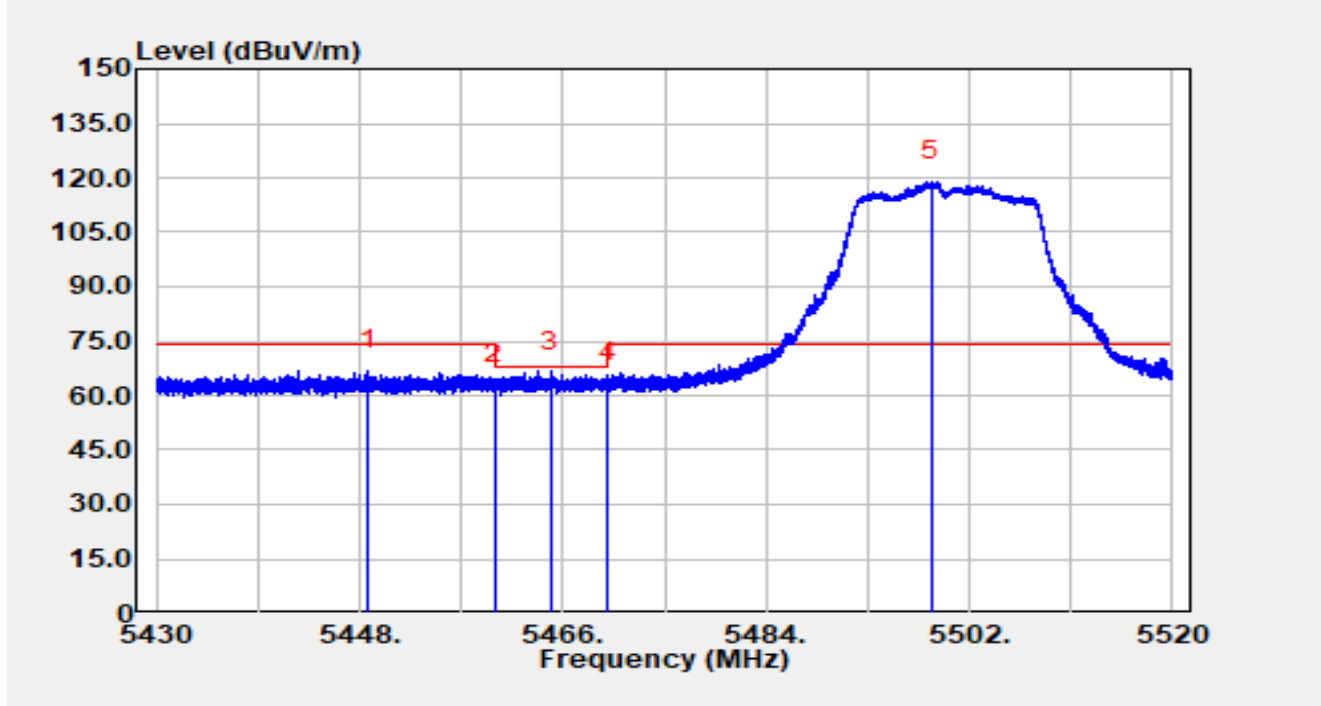


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5454.11	28.75	20.13	48.88	-5.12	54.00	Average
2		5460.00	27.74	20.15	47.89	-6.11	54.00	Average
3		5498.99	73.07	19.67	92.74	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5500MHz		

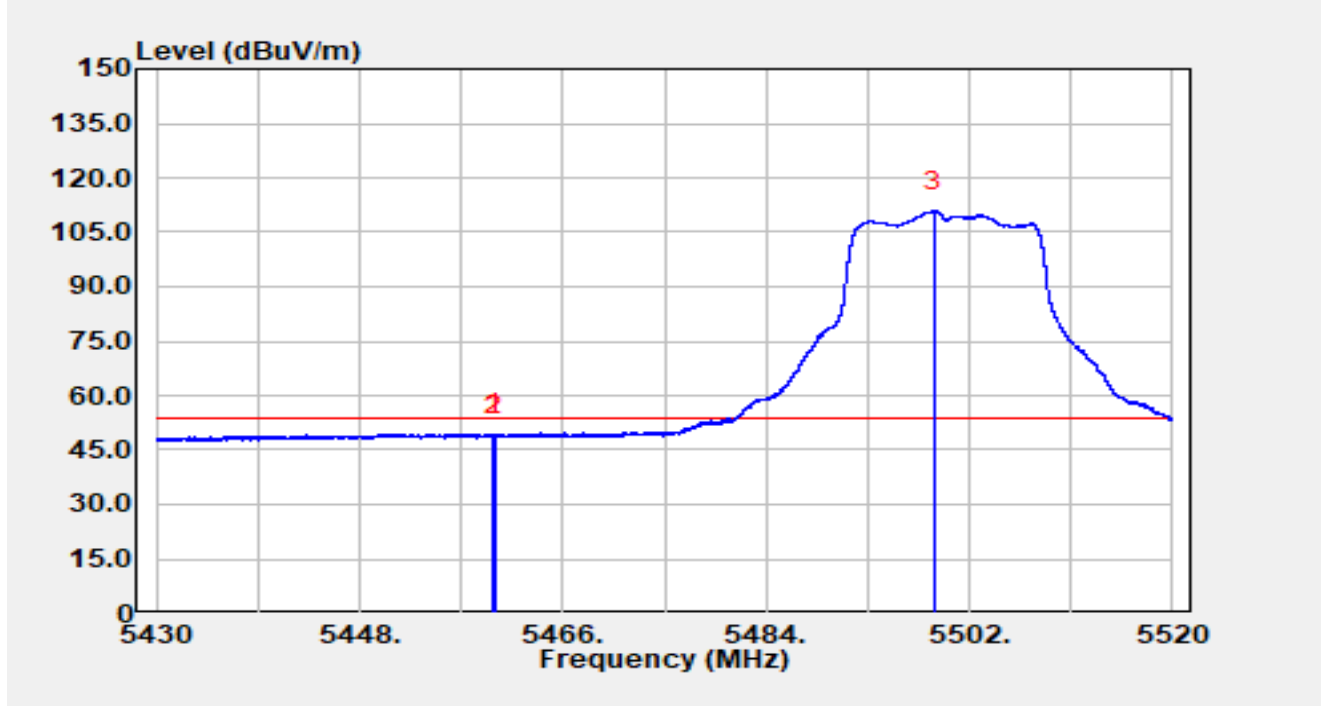


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5448.81	46.94	20.11	67.06	-6.94	74.00	Peak
2		5460.00	42.91	20.15	63.06	-5.14	68.20	Peak
3	*	5464.97	46.46	20.10	66.56	-1.64	68.20	Peak
4		5470.00	43.90	20.03	63.93	-4.27	68.20	Peak
5		5498.64	99.39	19.67	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) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5500MHz		

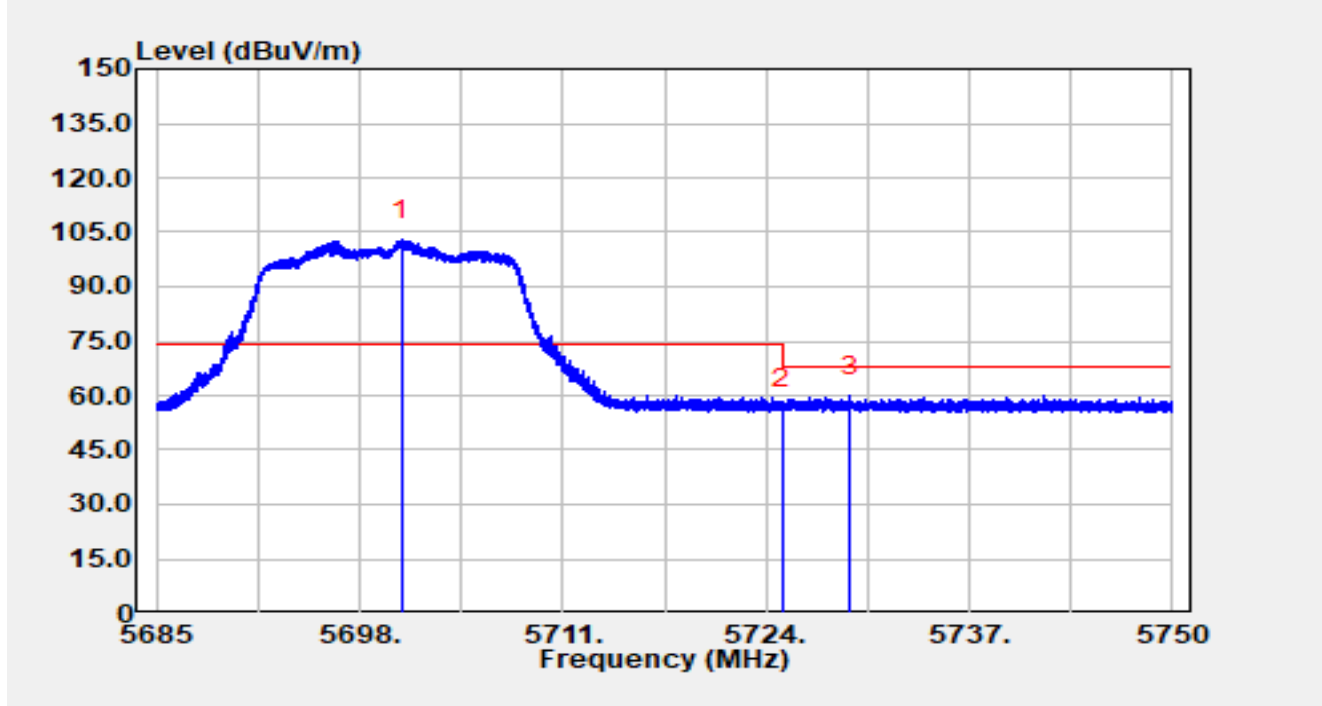


No	Mark	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Detector
1	*	5459.88	29.30	20.15	49.45	-4.55	54.00	Average
2		5460.00	28.69	20.15	48.84	-5.16	54.00	Average
3		5498.86	91.10	19.67	110.77	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBUV/m) = Reading (dBUV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5700MHz		

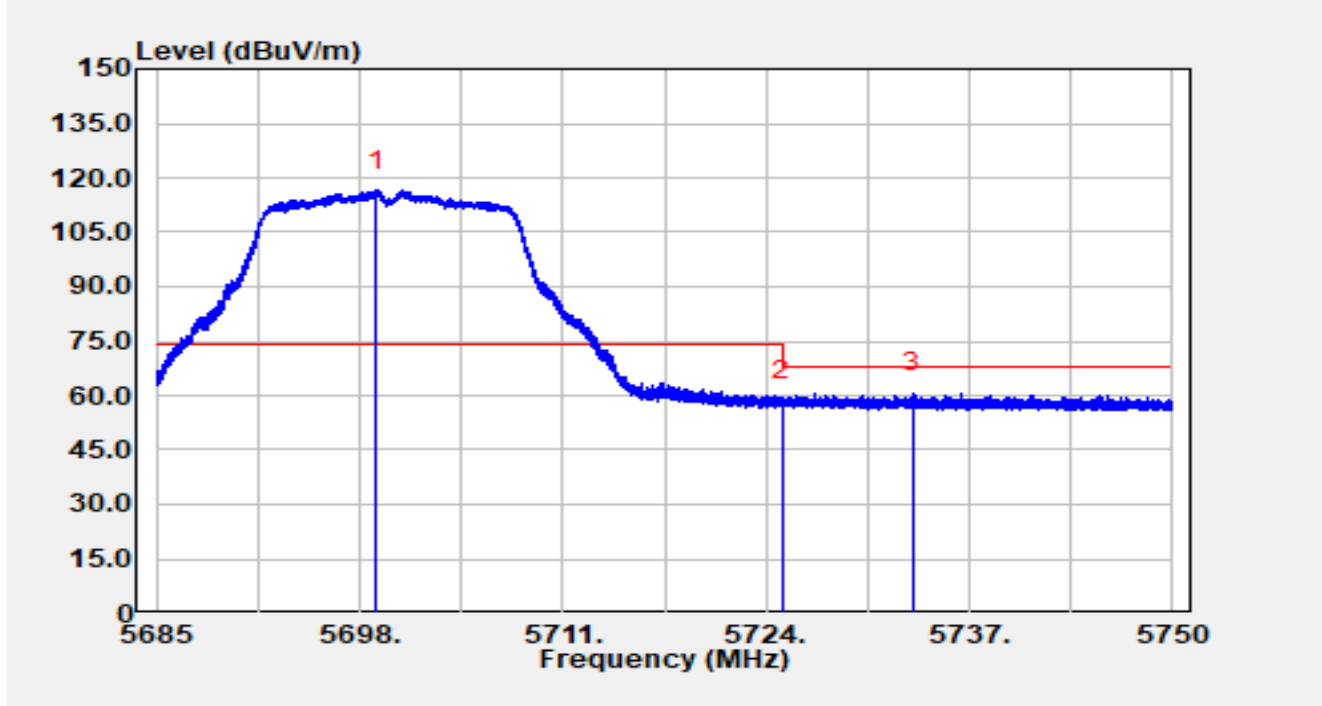


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5700.69	81.91	21.10	103.02	N/A	N/A	Peak
2		5725.00	34.92	21.34	56.26	-11.94	68.20	Peak
3	*	5729.39	38.64	21.32	59.96	-8.24	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11a at 5700MHz		

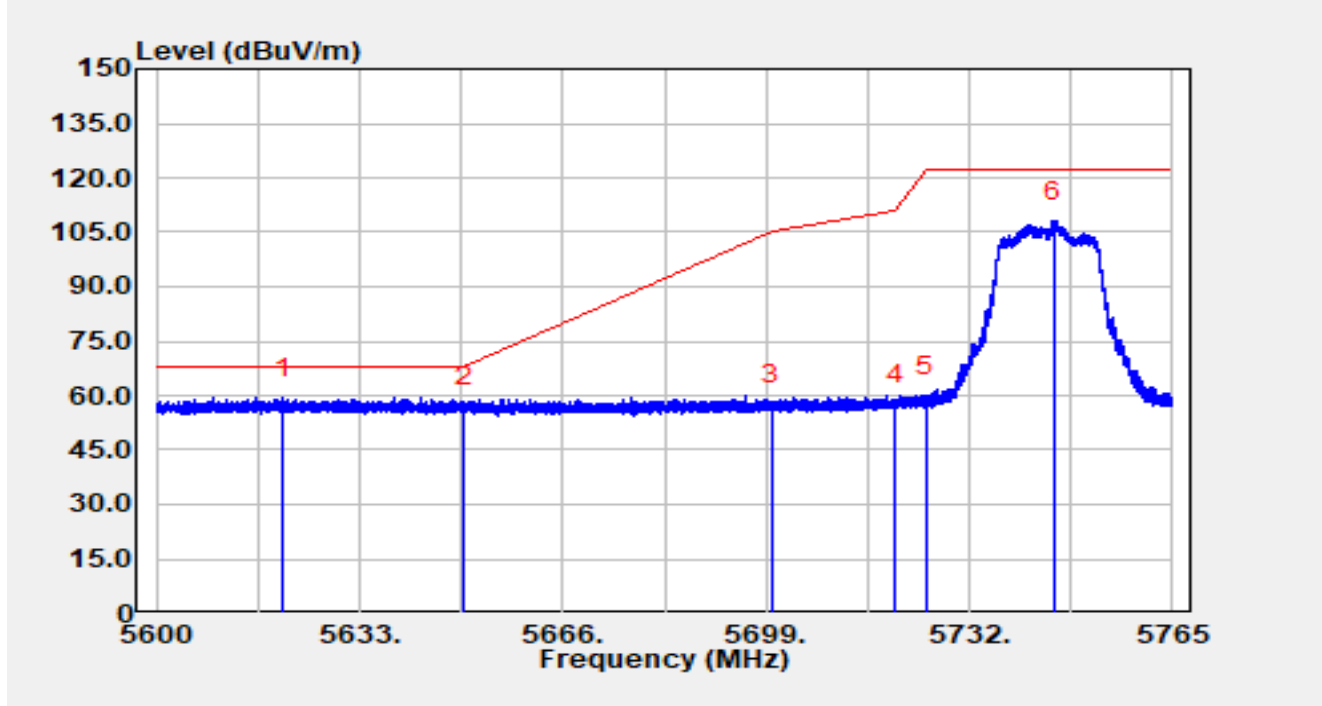


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5699.03	95.42	21.06	116.49	N/A	N/A	Peak
2		5725.00	37.40	21.34	58.75	-9.45	68.20	Peak
3	*	5733.35	39.36	21.30	60.66	-7.54	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11a at 5745MHz		

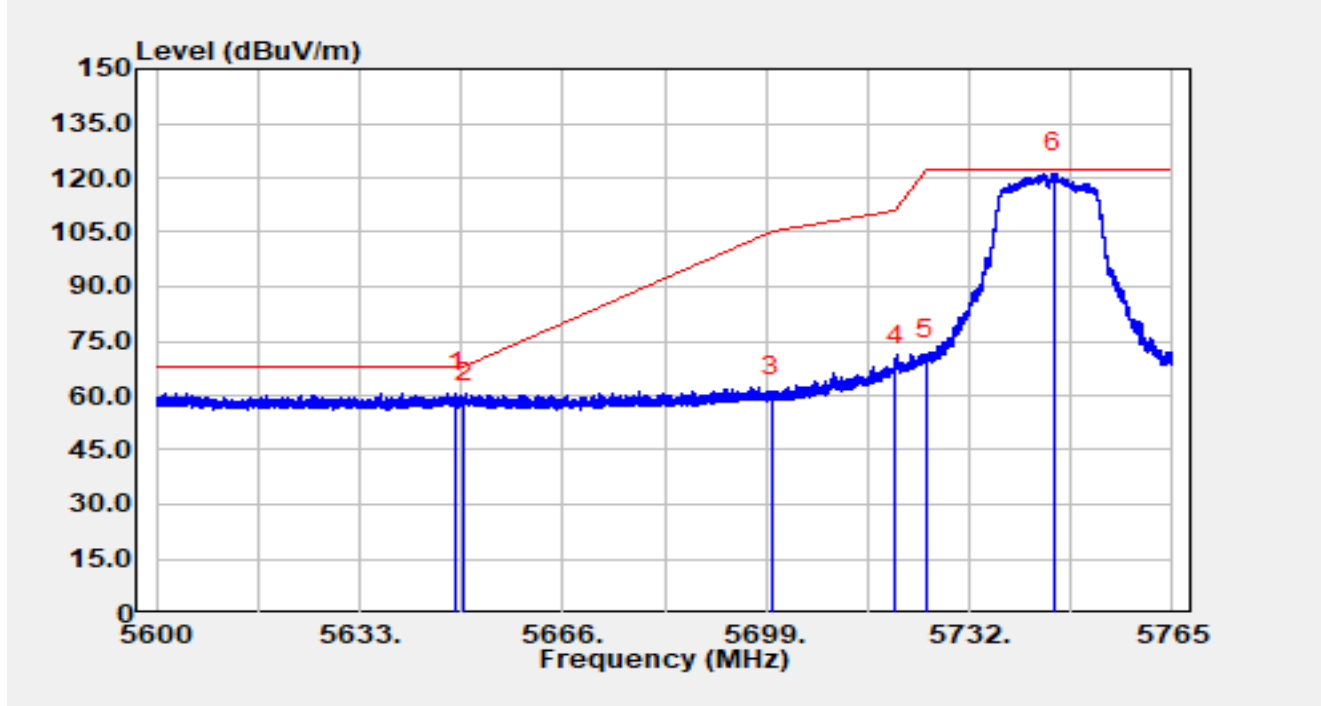


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5620.64	38.63	20.73	59.36	-8.84	68.20	Peak
2		5650.00	36.50	20.63	57.13	-11.07	68.20	Peak
3		5700.00	36.16	21.09	57.25	-47.95	105.20	Peak
4		5720.00	35.99	21.36	57.35	-53.45	110.80	Peak
5		5725.00	38.16	21.34	59.50	-62.70	122.20	Peak
6		5745.71	86.92	21.19	108.11	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) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11a at 5745MHz		

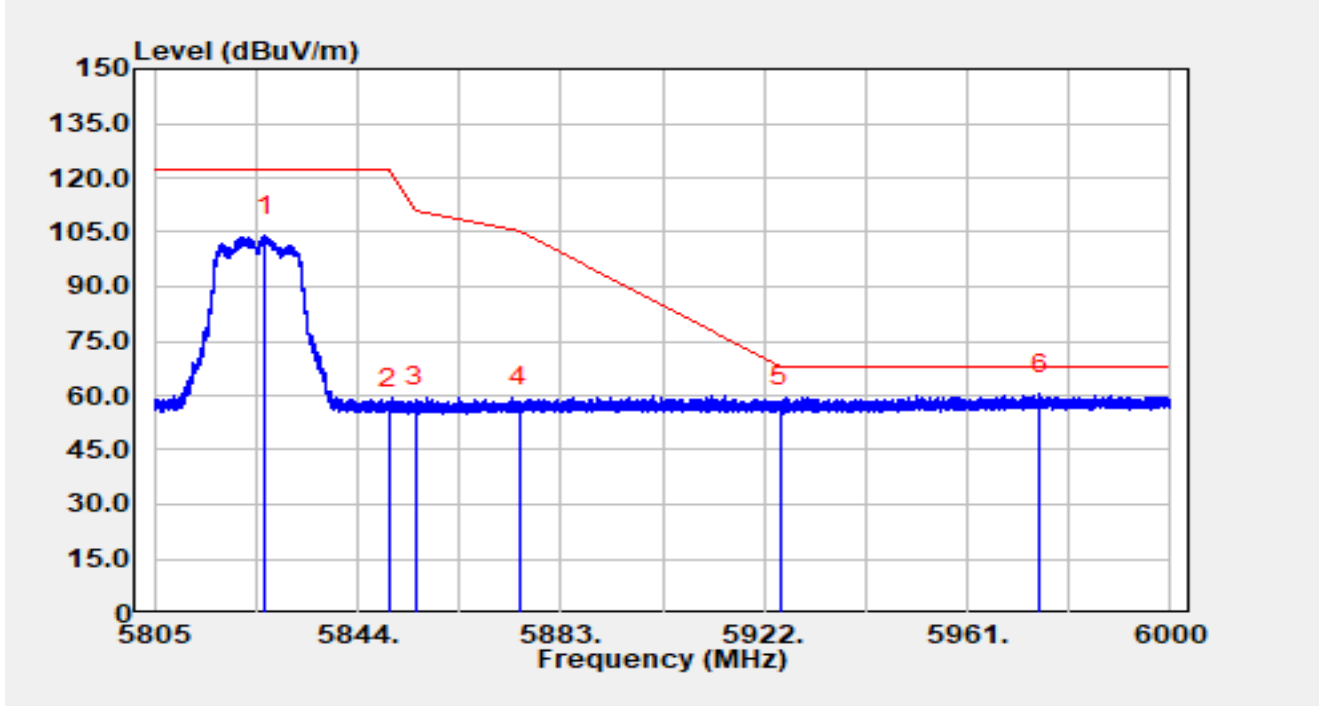


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5648.58	40.13	20.65	60.77	-7.43	68.20	Peak
2		5650.00	37.40	20.63	58.03	-10.17	68.20	Peak
3		5700.00	38.35	21.09	59.44	-45.76	105.20	Peak
4		5720.00	47.10	21.36	68.46	-42.34	110.80	Peak
5		5725.00	48.44	21.34	69.78	-52.42	122.20	Peak
6		5745.68	99.95	21.19	121.14	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) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11a at 5825MHz		

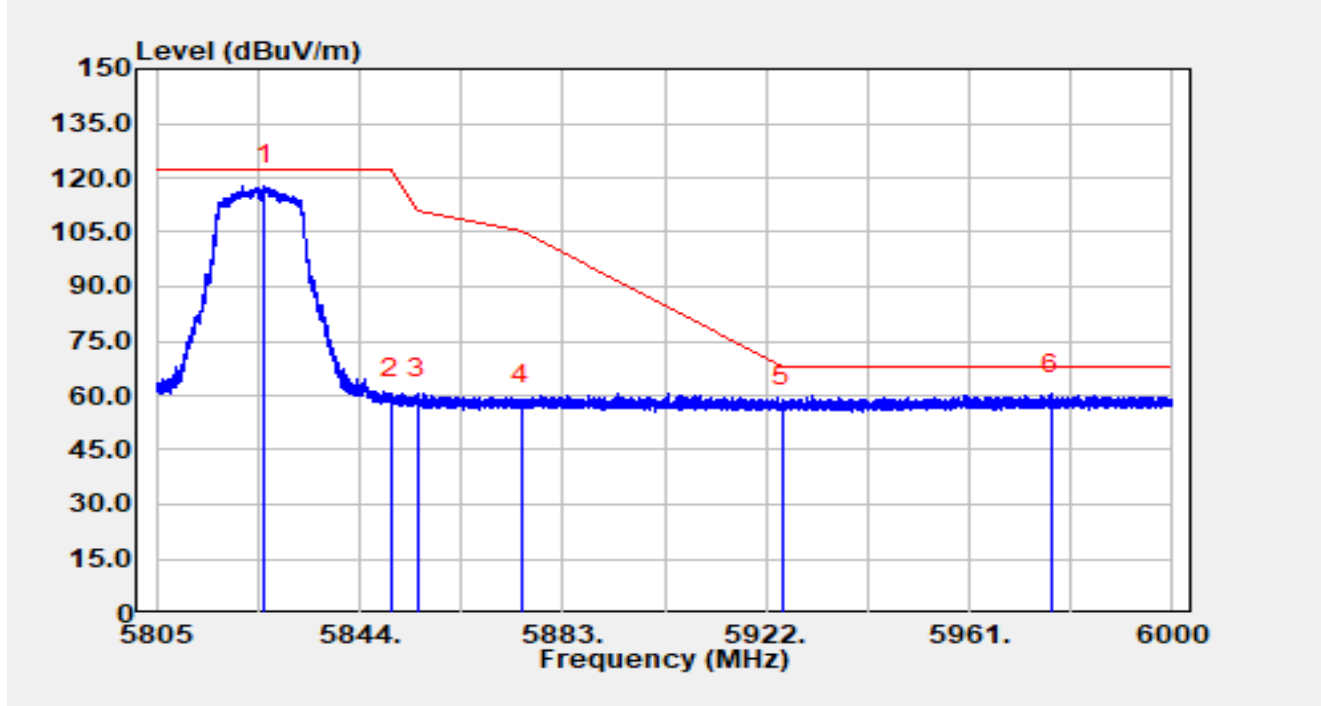


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5826.18	82.36	21.53	103.89	N/A	N/A	Peak
2		5850.00	34.77	21.33	56.10	-66.10	122.20	Peak
3		5855.00	35.51	21.33	56.83	-53.97	110.80	Peak
4		5875.00	35.13	21.59	56.73	-48.47	105.20	Peak
5		5925.00	35.12	21.49	56.62	-11.58	68.20	Peak
6	*	5974.83	38.38	21.95	60.33	-7.87	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11a at 5825MHz		

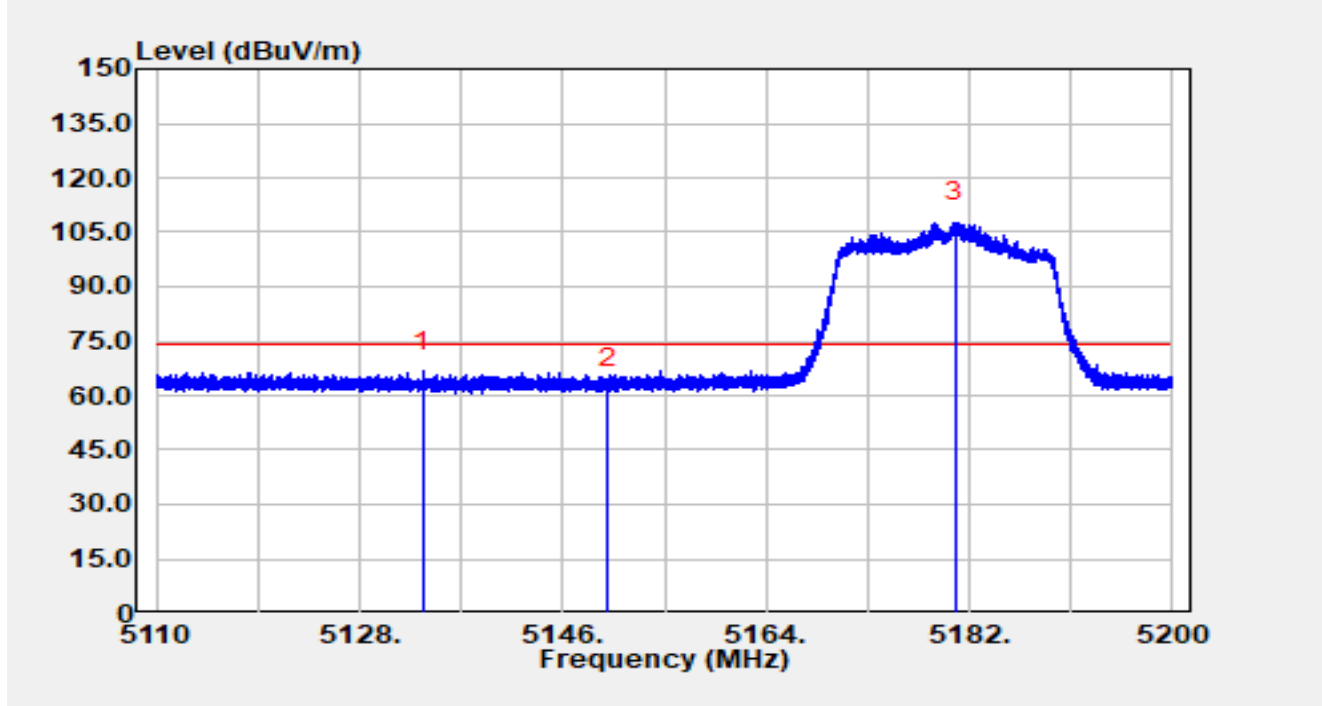


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5825.73	96.26	21.53	117.79	N/A	N/A	Peak
2		5850.00	37.90	21.33	59.24	-62.96	122.20	Peak
3		5855.00	37.73	21.33	59.06	-51.74	110.80	Peak
4		5875.00	35.77	21.59	57.36	-47.84	105.20	Peak
5		5925.00	35.36	21.49	56.85	-11.35	68.20	Peak
6	*	5976.68	38.30	21.98	60.29	-7.91	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5180MHz		

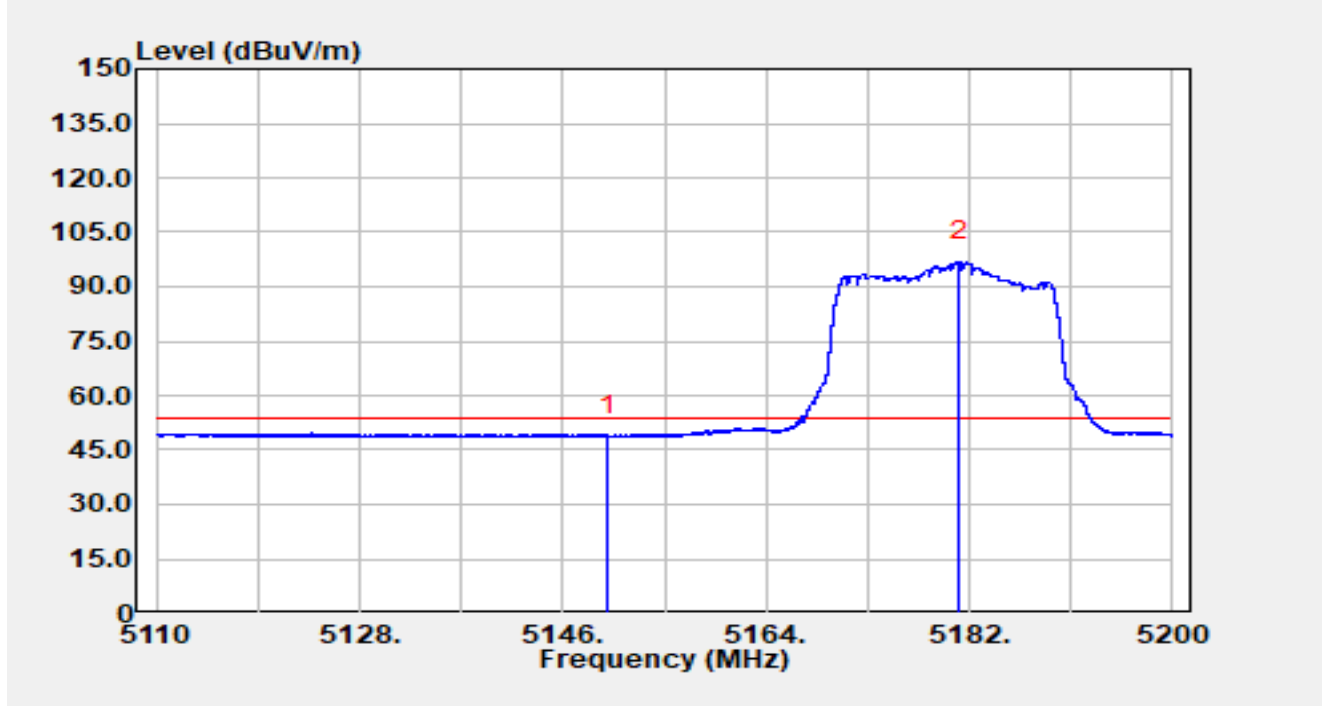


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5133.60	47.31	19.47	66.78	-7.22	74.00	Peak
2		5150.00	42.50	19.43	61.93	-12.07	74.00	Peak
3		5180.70	87.79	19.80	107.59	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5180MHz		

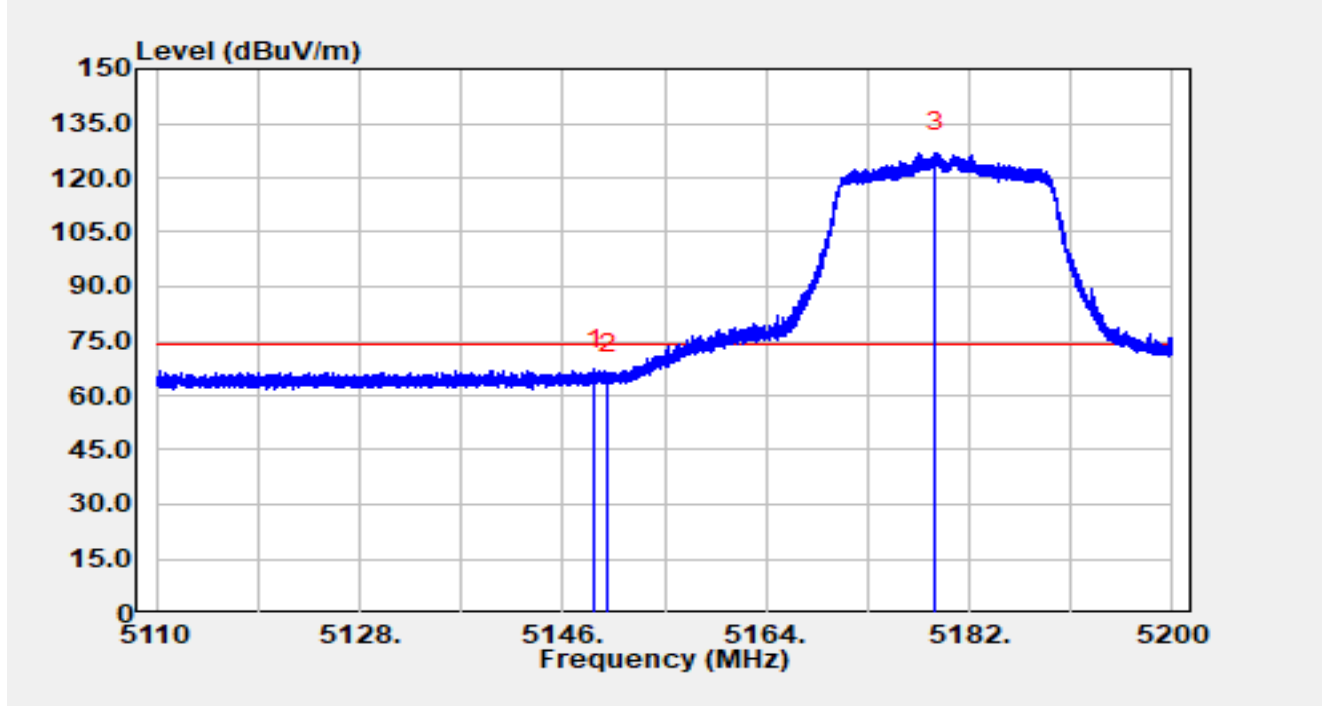


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5150.00	29.69	19.43	49.12	-4.88	54.00	Average
2		5181.06	77.09	19.80	96.89	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5180MHz		

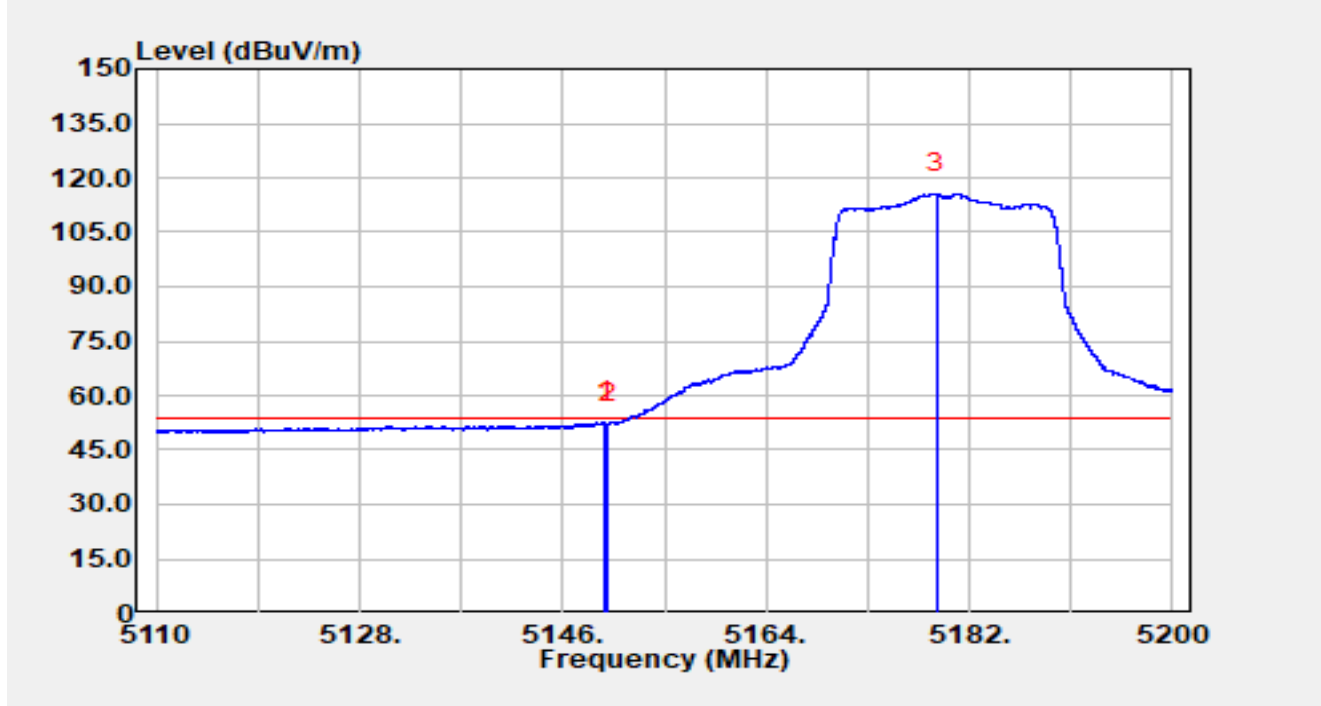


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5148.82	47.67	19.43	67.10	-6.90	74.00	Peak
2		5150.00	46.54	19.43	65.97	-8.03	74.00	Peak
3		5179.04	107.04	19.79	126.83	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5180MHz		

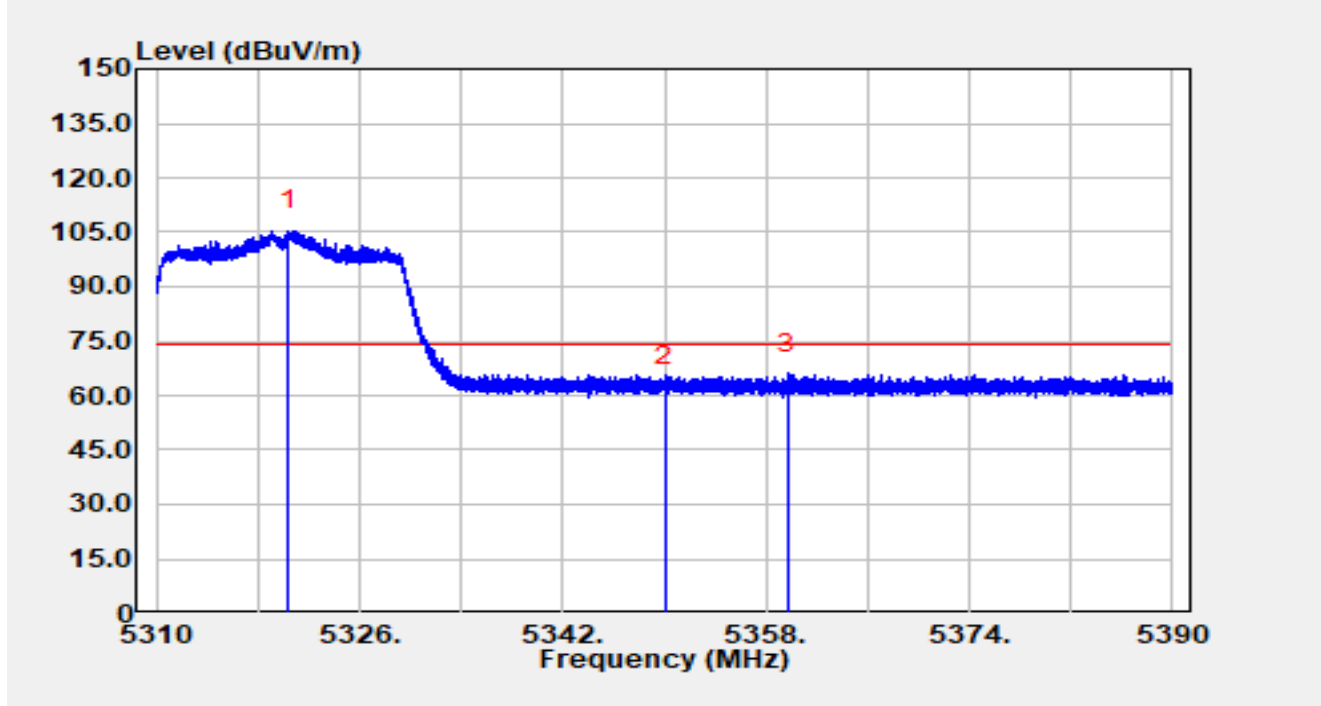


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5149.71	33.48	19.43	52.91	-1.09	54.00	Average
2		5150.00	32.67	19.43	52.10	-1.90	54.00	Average
3		5179.14	95.75	19.79	115.53	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5320MHz		

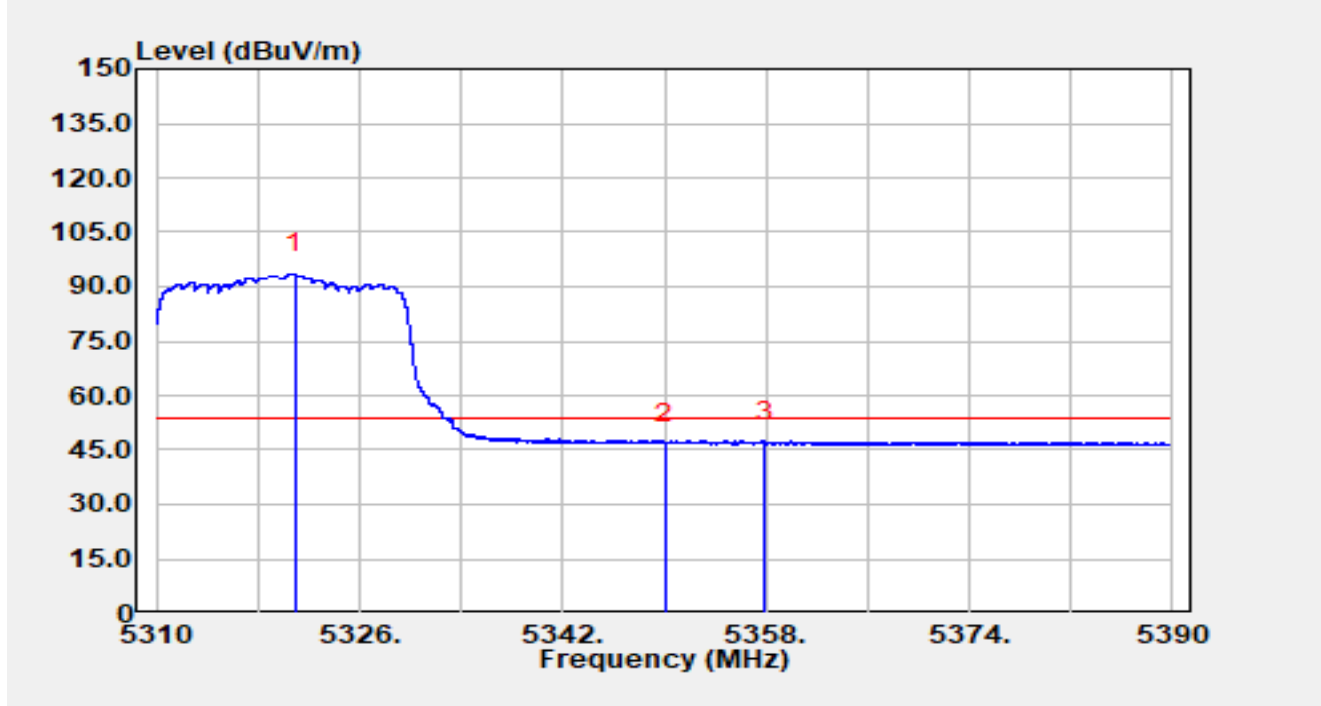


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5320.42	85.77	19.54	105.31	N/A	N/A	Peak
2		5350.00	42.46	19.85	62.31	-11.69	74.00	Peak
3	*	5359.74	46.16	19.91	66.07	-7.93	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5320MHz		

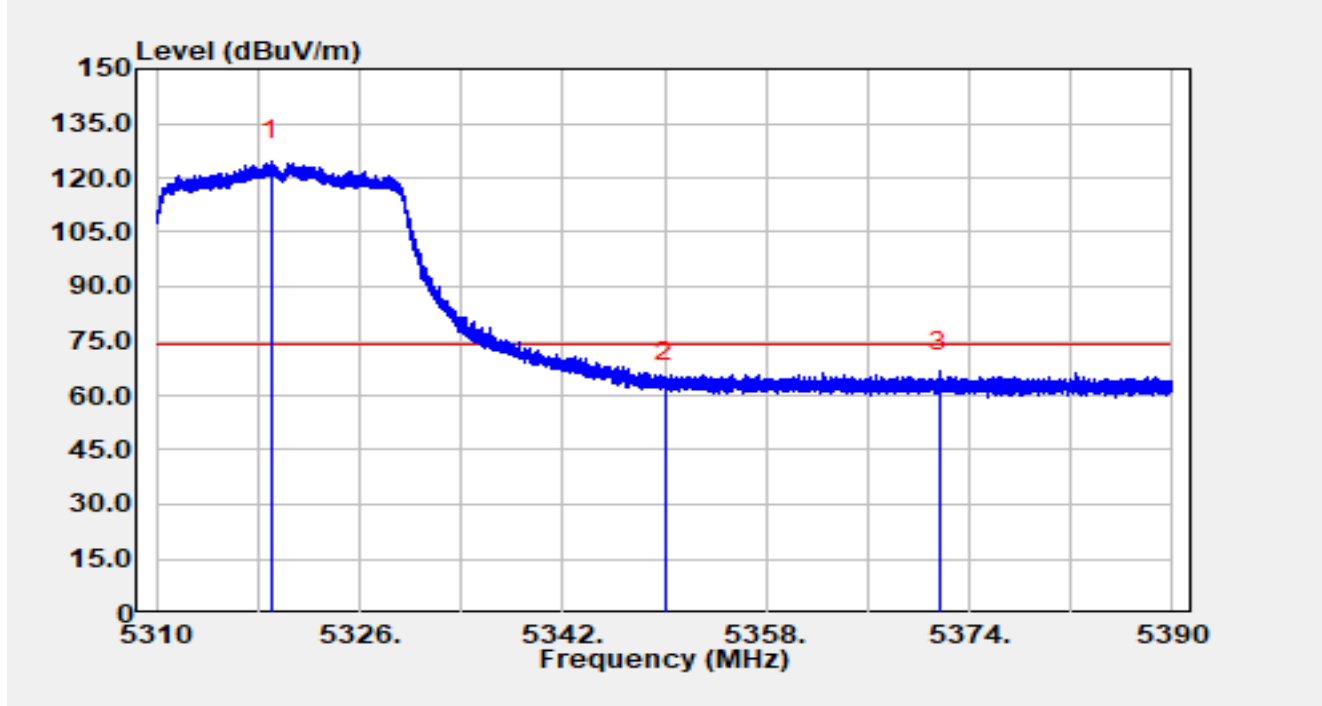


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5320.92	73.89	19.54	93.43	N/A	N/A	Average
2		5350.00	27.12	19.85	46.97	-7.03	54.00	Average
3	*	5357.86	27.61	19.92	47.53	-6.47	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5320MHz		

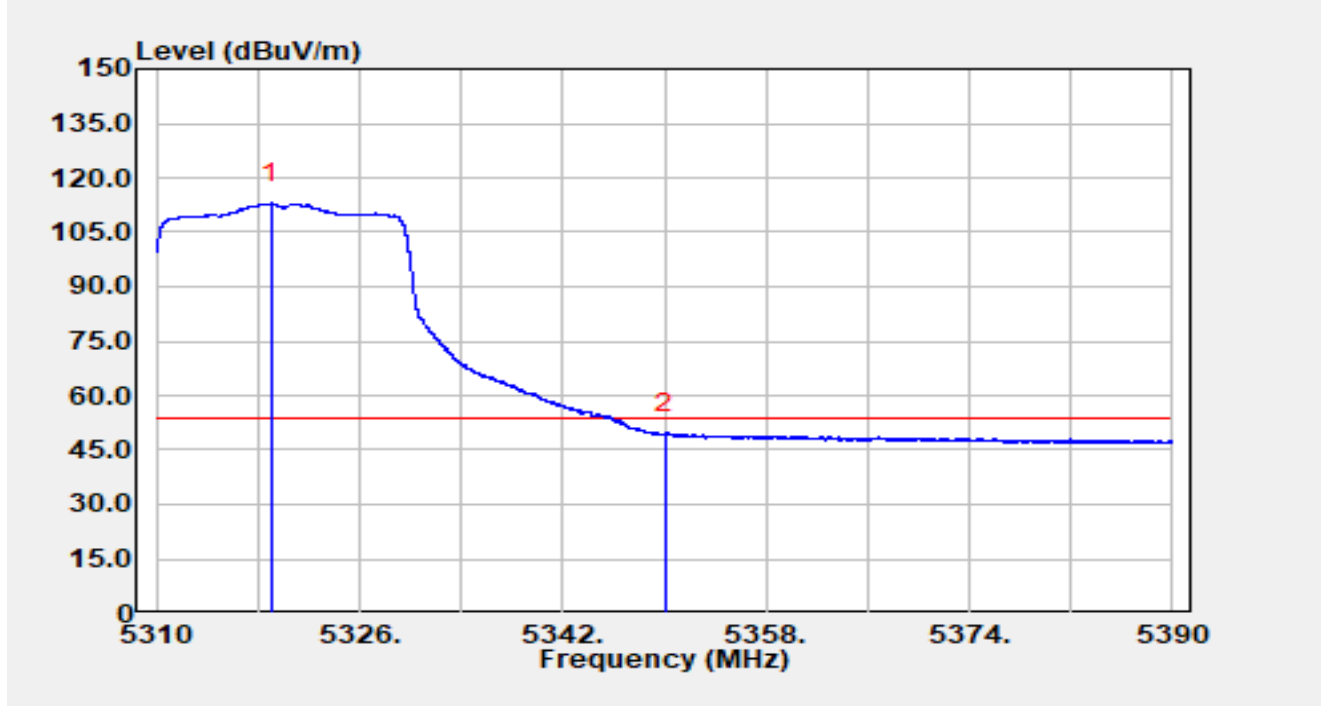


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5319.01	105.09	19.53	124.62	N/A	N/A	Peak
2		5350.00	43.86	19.85	63.71	-10.29	74.00	Peak
3	*	5371.69	46.73	19.91	66.65	-7.35	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5320MHz		

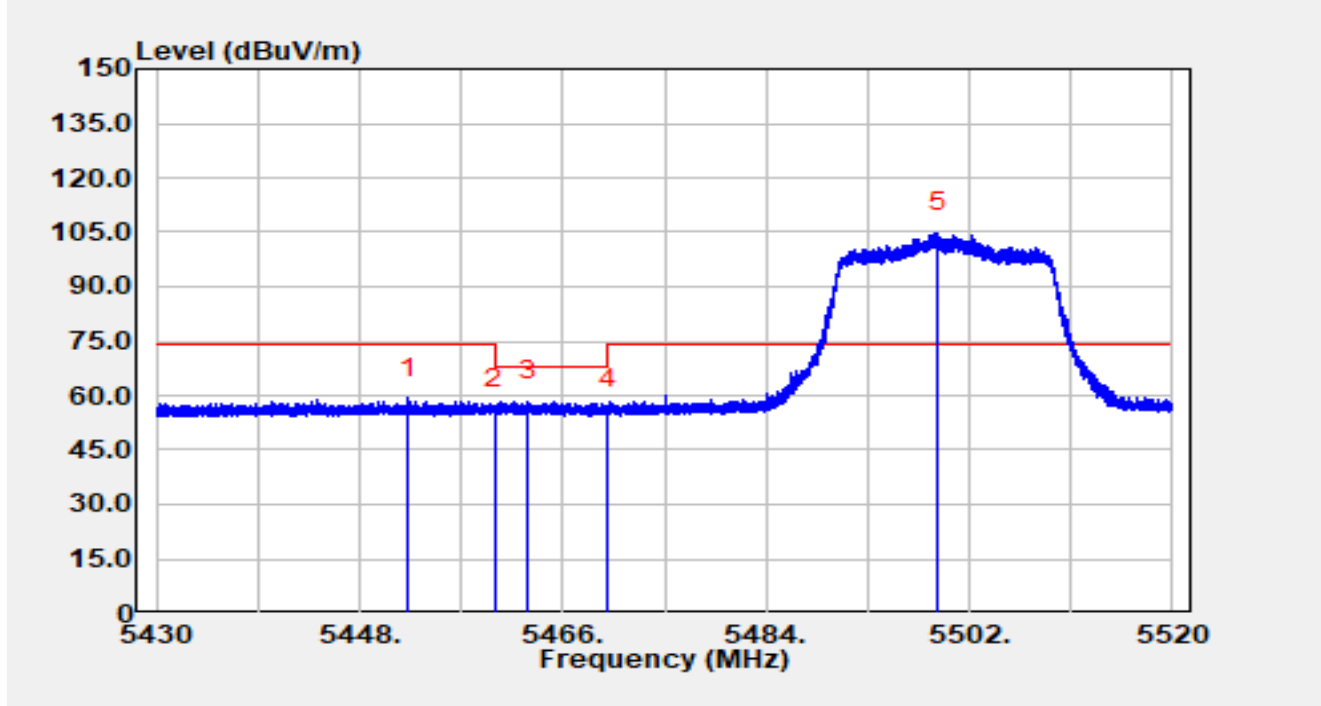


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5319.01	93.39	19.53	112.93	N/A	N/A	Average
2	*	5350.00	29.44	19.85	49.30	-4.70	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5500MHz		

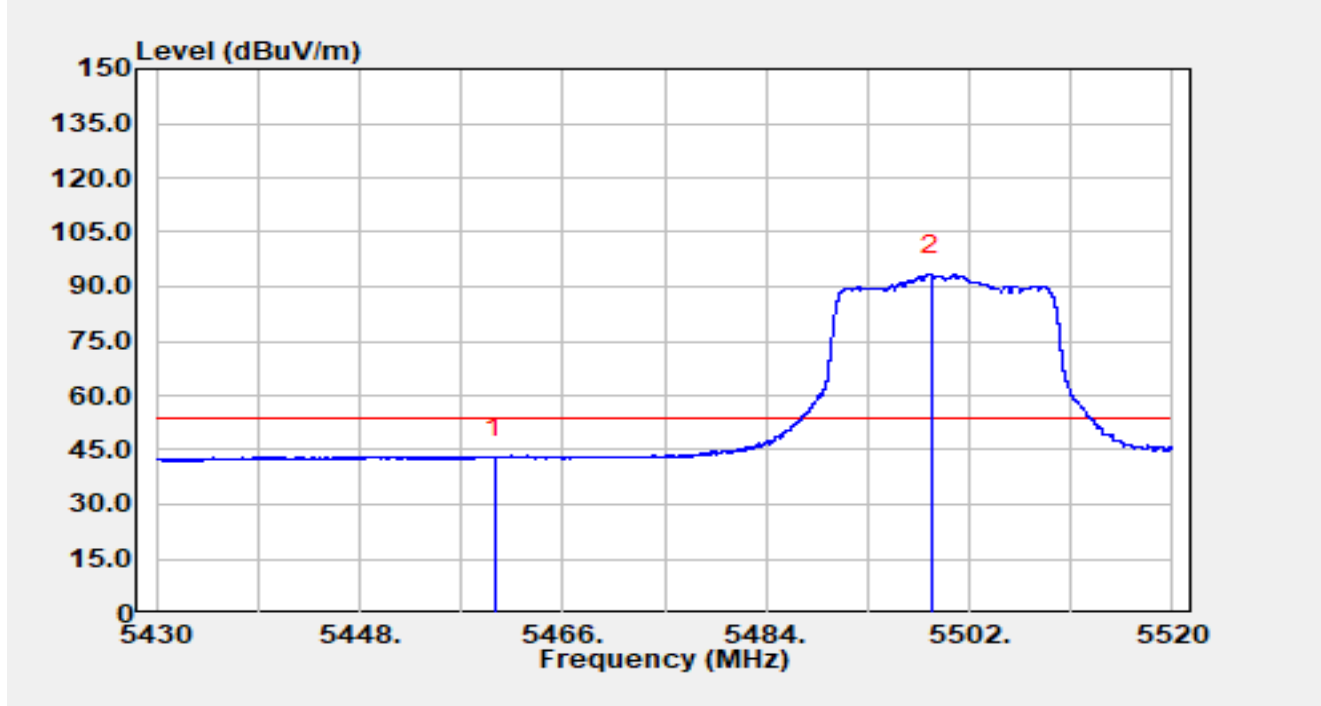


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5452.31	39.03	20.13	59.16	-14.84	74.00	Peak
2		5460.00	36.01	20.15	56.15	-12.05	68.20	Peak
3	*	5462.93	38.46	20.13	58.58	-9.62	68.20	Peak
4		5470.00	36.54	20.03	56.57	-11.63	68.20	Peak
5		5499.20	85.21	19.67	104.88	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) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5500MHz		

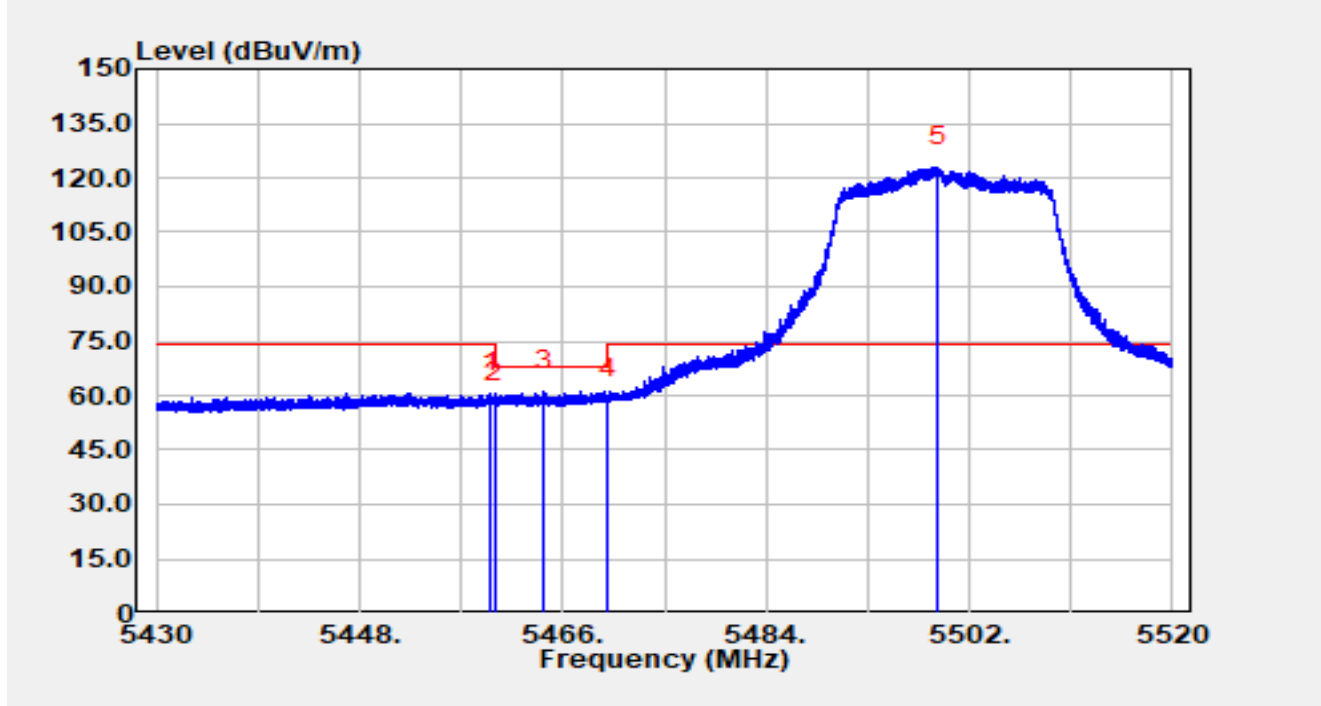


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5460.00	22.79	20.15	42.93	-11.07	54.00	Average
2		5498.65	73.68	19.67	93.35	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5500MHz		

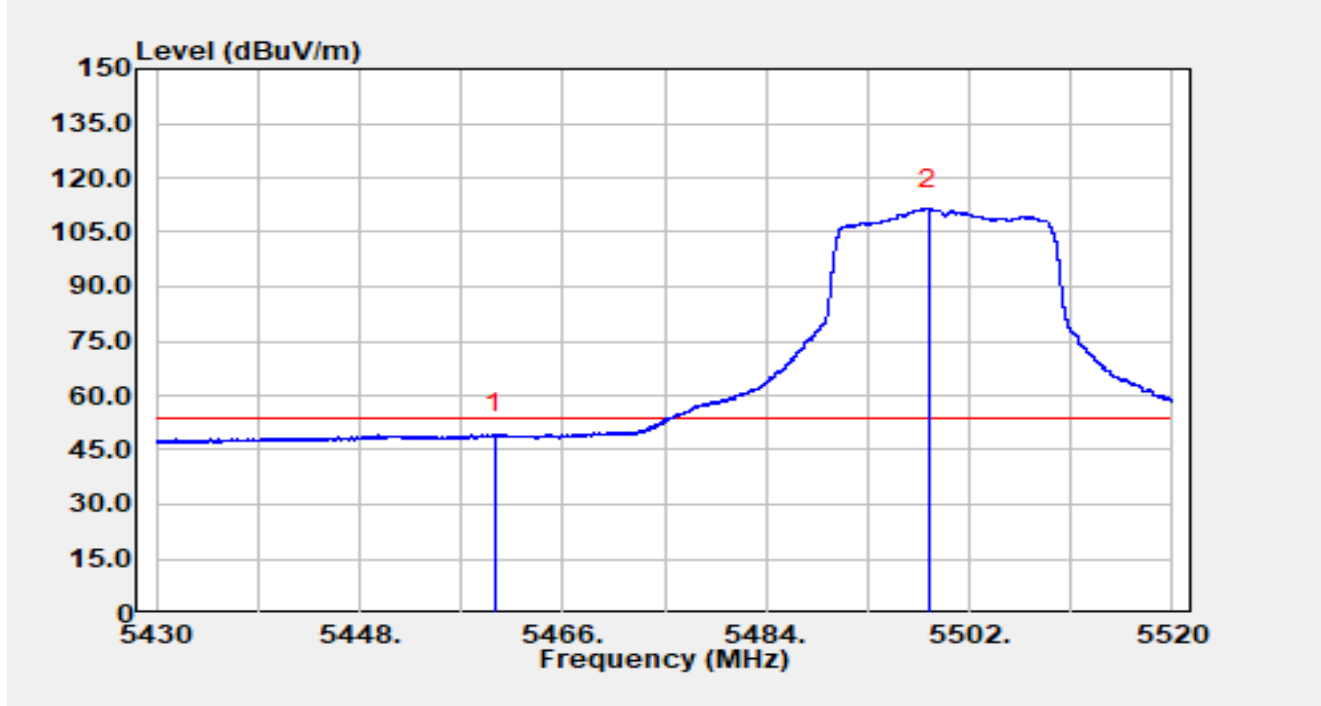


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5459.60	40.66	20.15	60.80	-13.20	74.00	Peak
2		5460.00	38.03	20.15	58.17	-10.03	68.20	Peak
3	*	5464.38	41.23	20.11	61.34	-6.86	68.20	Peak
4		5470.00	39.26	20.03	59.30	-8.90	68.20	Peak
5		5499.17	103.25	19.67	122.92	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) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5500MHz		

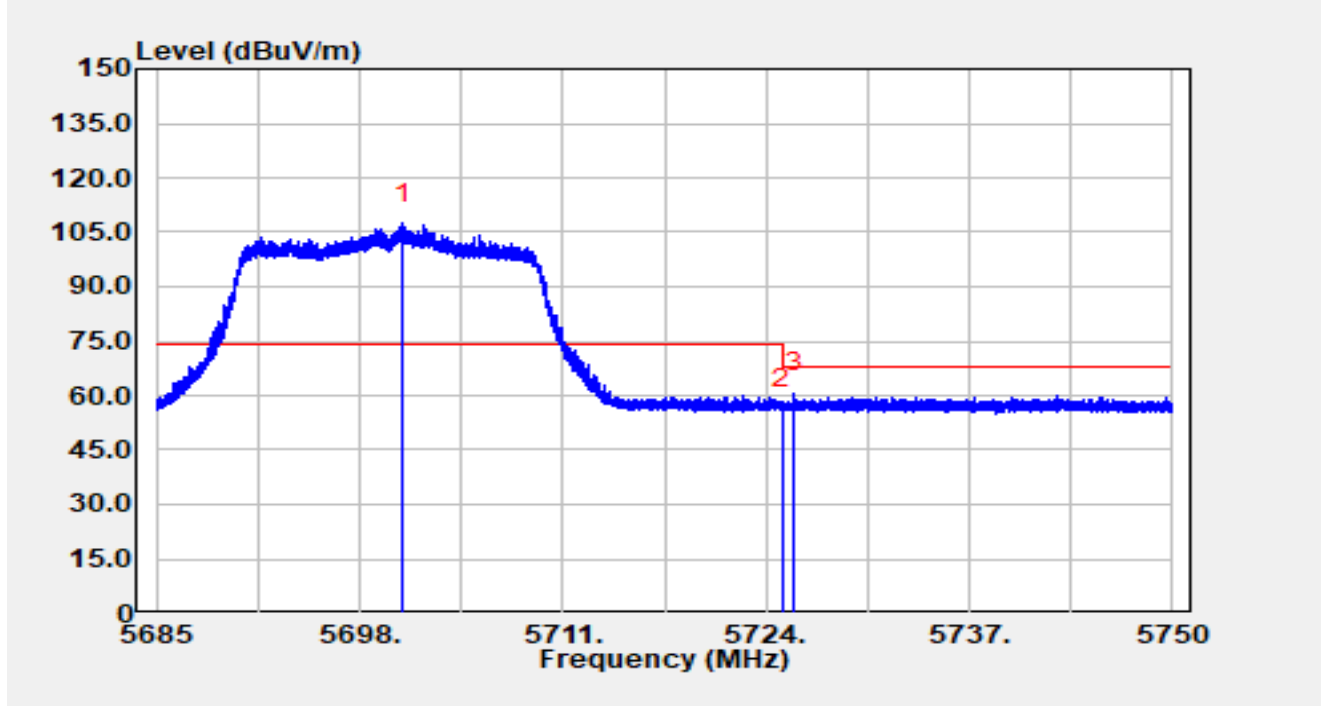


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5460.00	29.20	20.15	49.35	-4.65	54.00	Average
2		5498.41	91.83	19.67	111.50	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5700MHz		

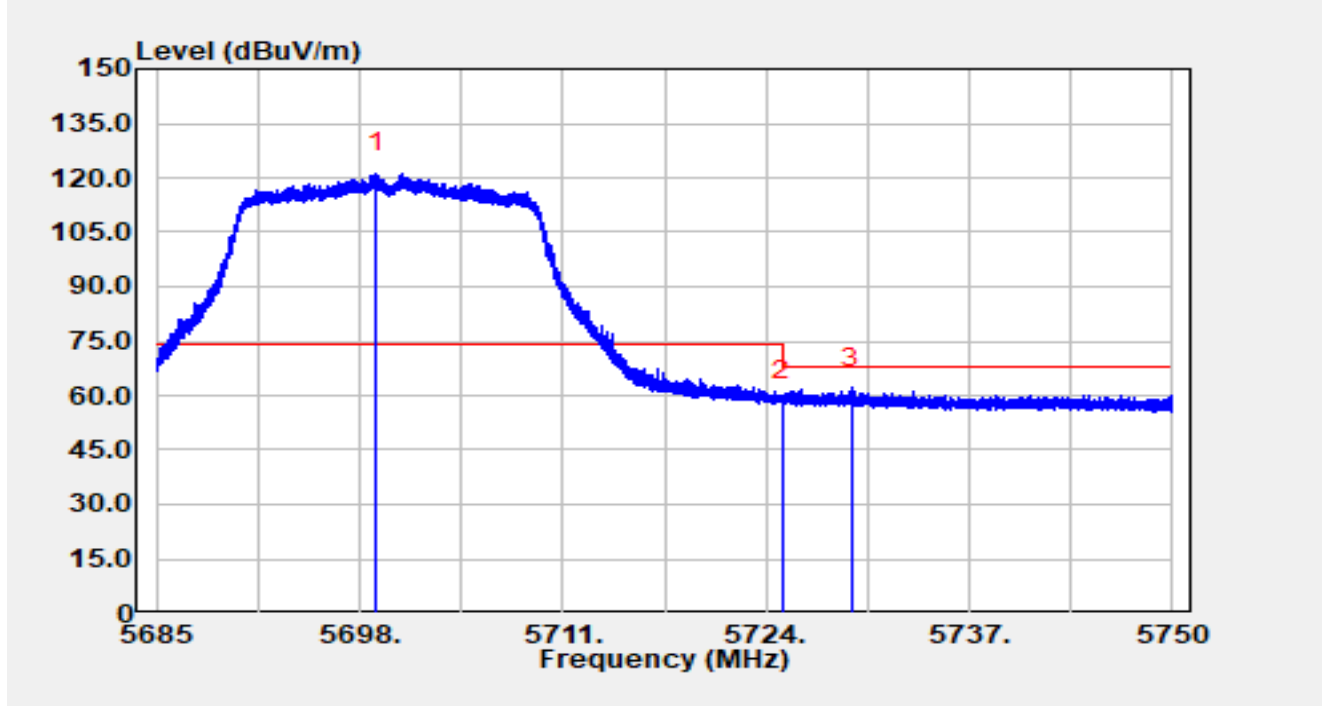


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5700.79	86.37	21.11	107.47	N/A	N/A	Peak
2		5725.00	35.22	21.34	56.56	-11.64	68.20	Peak
3	*	5725.83	39.27	21.34	60.60	-7.60	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5700MHz		

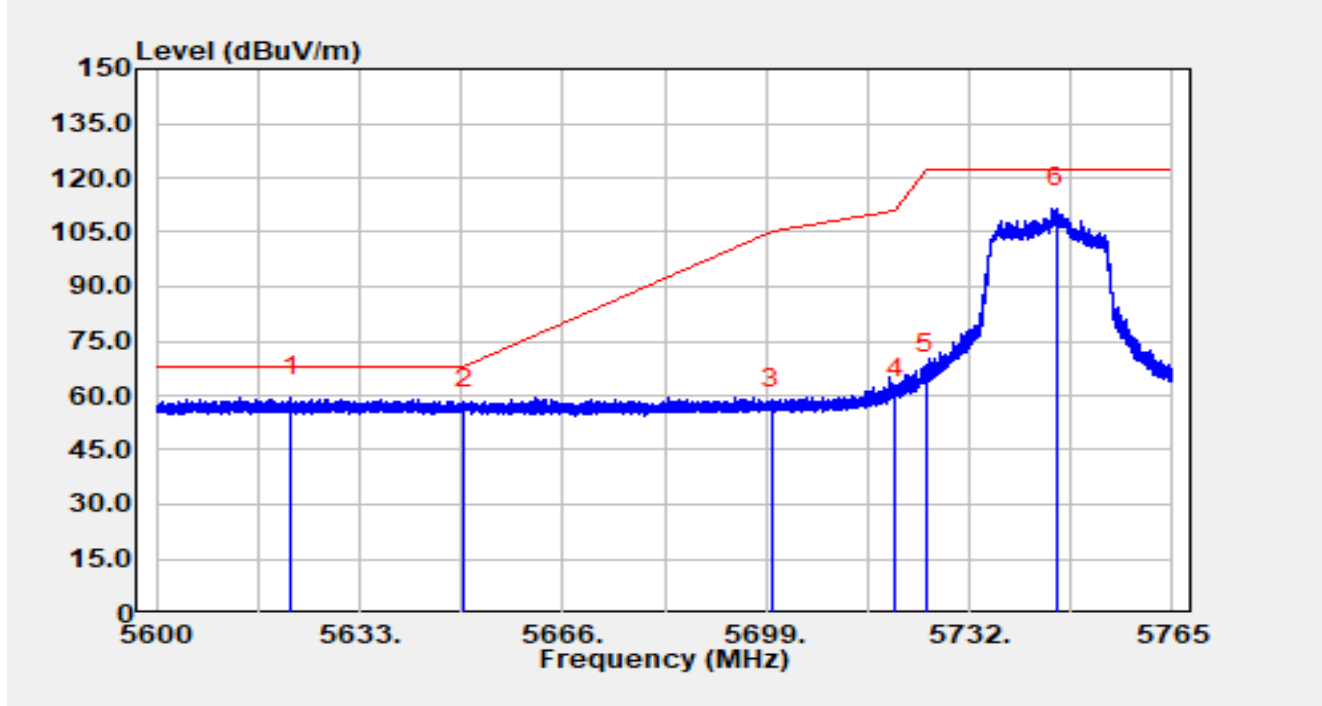


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5699.11	100.19	21.07	121.25	N/A	N/A	Peak
2		5725.00	37.00	21.34	58.34	-9.86	68.20	Peak
3	*	5729.47	40.89	21.32	62.21	-5.99	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5745MHz		

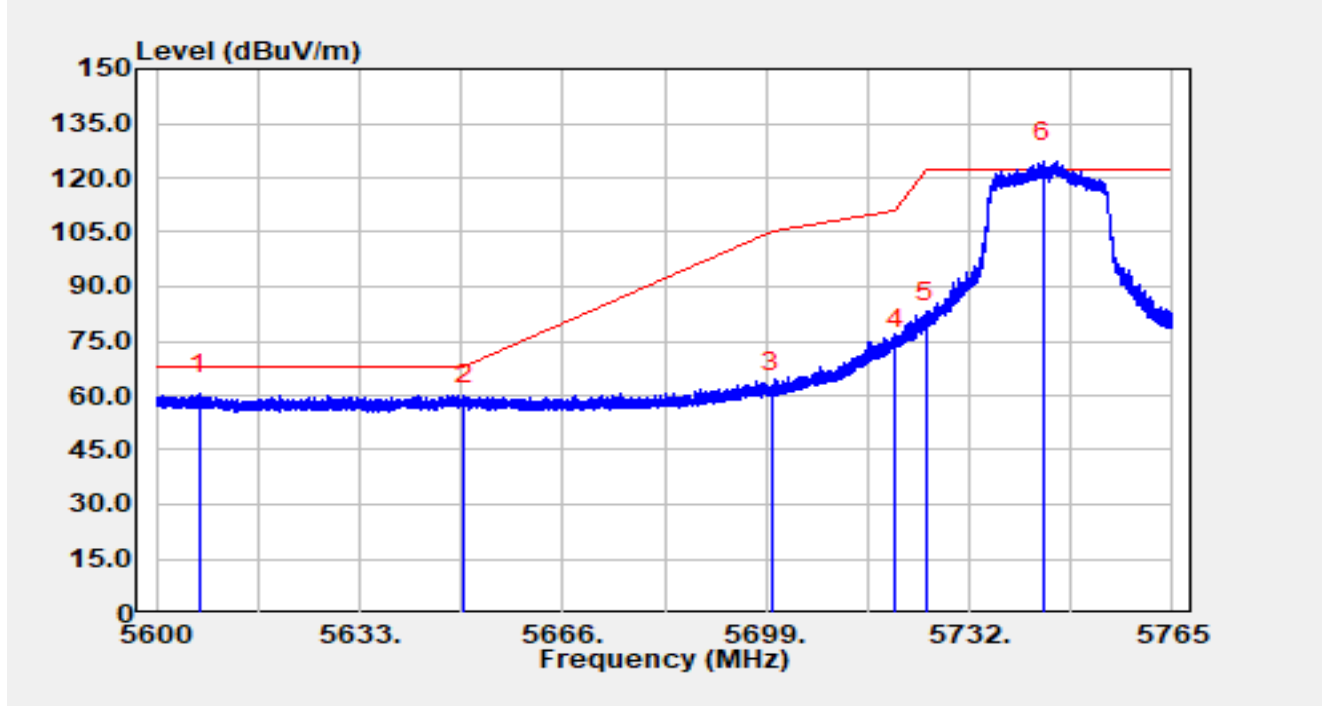


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5621.83	38.80	20.74	59.54	-8.66	68.20	Peak
2		5650.00	35.83	20.63	56.45	-11.75	68.20	Peak
3		5700.00	35.16	21.09	56.25	-48.95	105.20	Peak
4		5720.00	37.75	21.36	59.11	-51.69	110.80	Peak
5		5725.00	44.65	21.34	65.99	-56.21	122.20	Peak
6		5746.21	90.42	21.18	111.60	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) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5745MHz		

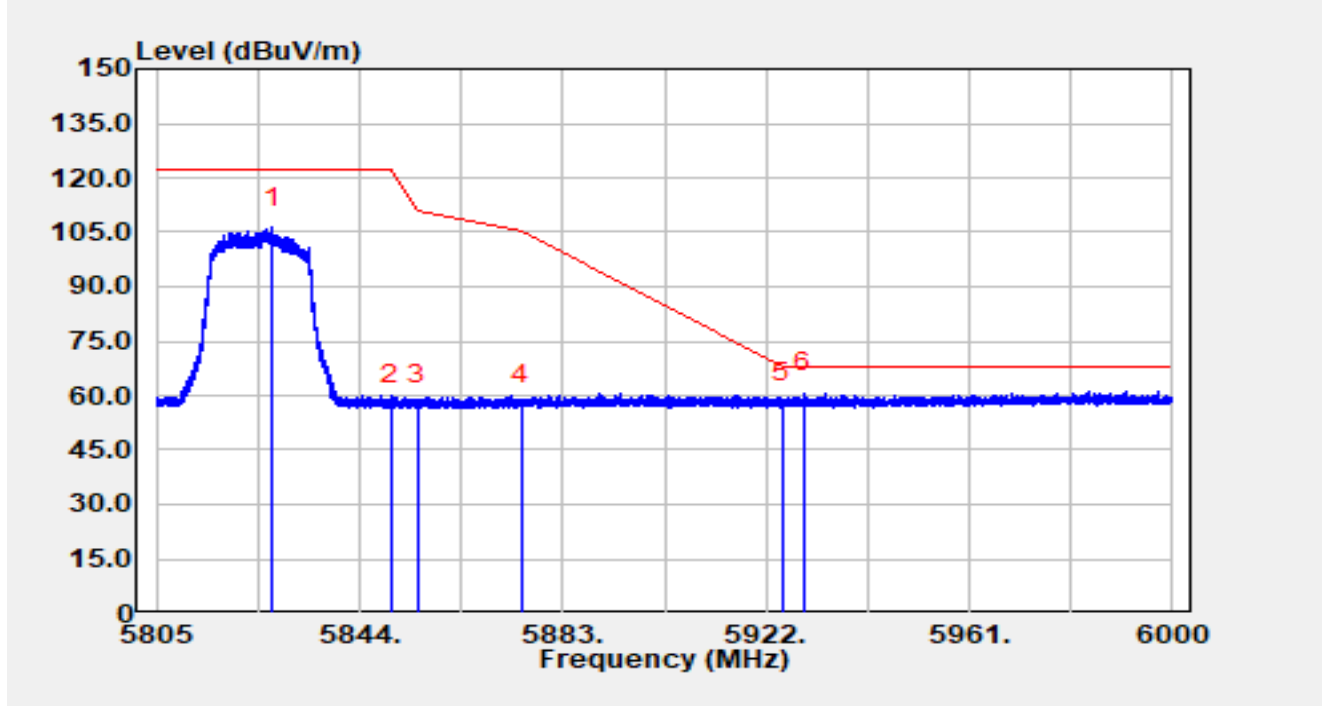


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5607.01	39.97	20.49	60.46	-7.74	68.20	Peak
2		5650.00	36.77	20.63	57.40	-10.80	68.20	Peak
3		5700.00	39.97	21.09	61.06	-44.14	105.20	Peak
4		5720.00	51.61	21.36	72.97	-37.83	110.80	Peak
5		5725.00	58.55	21.34	79.89	-42.31	122.20	Peak
6		5743.88	103.15	21.21	124.36	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) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5825MHz		

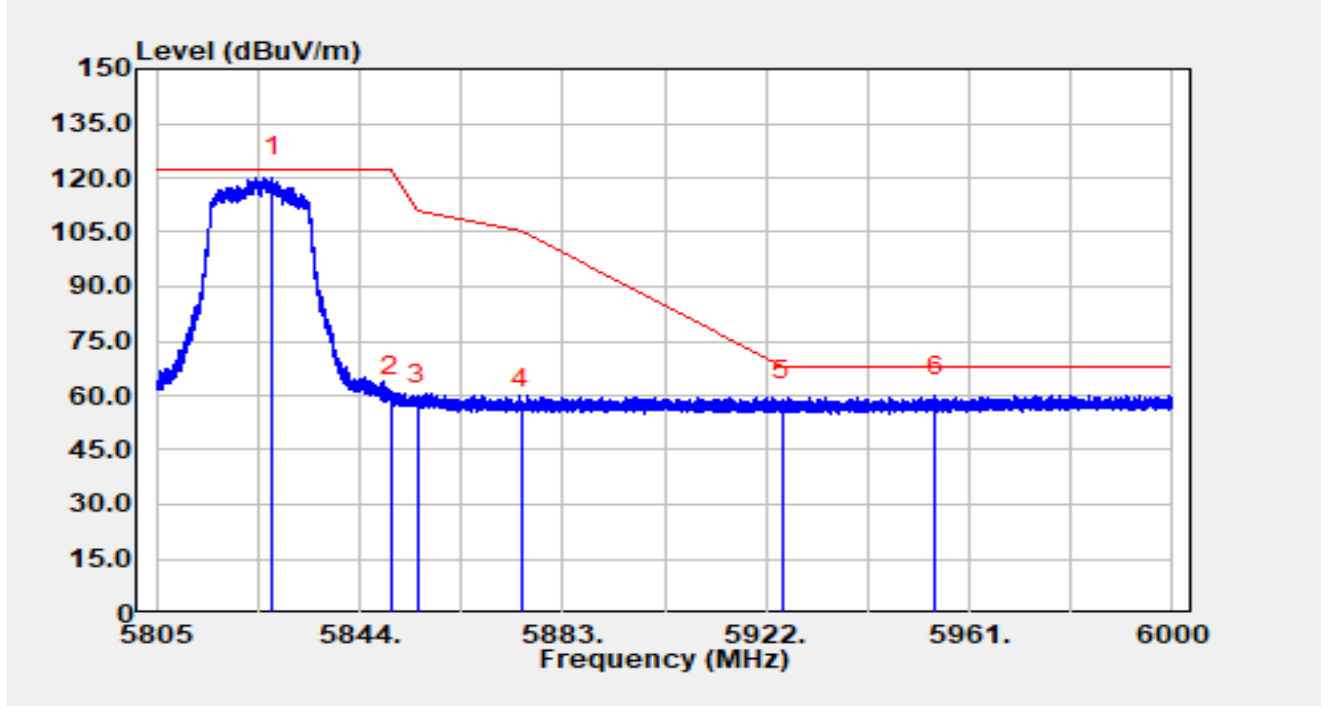


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5827.19	84.63	21.52	106.15	N/A	N/A	Peak
2		5850.00	36.27	21.33	57.60	-64.60	122.20	Peak
3		5855.00	36.04	21.33	57.37	-53.43	110.80	Peak
4		5875.00	35.88	21.59	57.47	-47.73	105.20	Peak
5		5925.00	36.38	21.49	57.87	-10.33	68.20	Peak
6	*	5929.18	39.32	21.48	60.80	-7.40	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

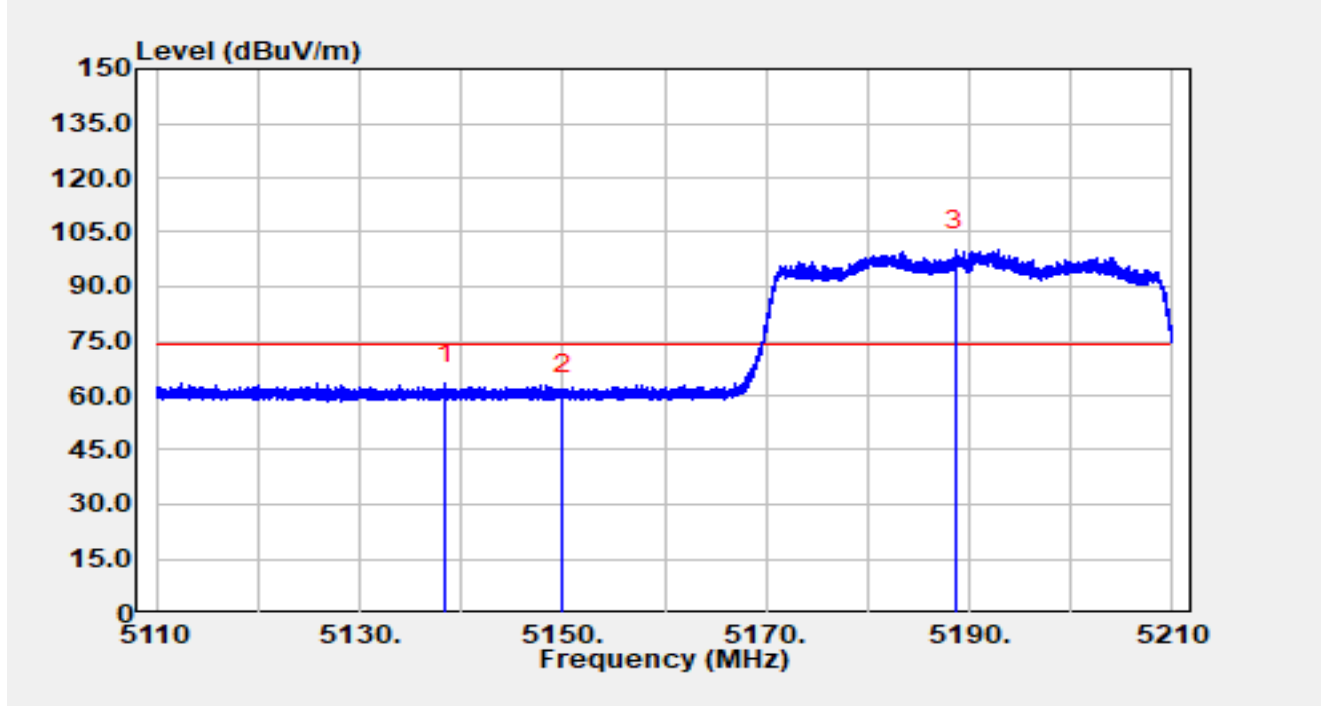
Site	WZ-AC2	Test Date	2025-04-22
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5.8G_RE (3m)	Test Engineer	Ajin Fan
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE20 at 5825MHz		



Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5190MHz		

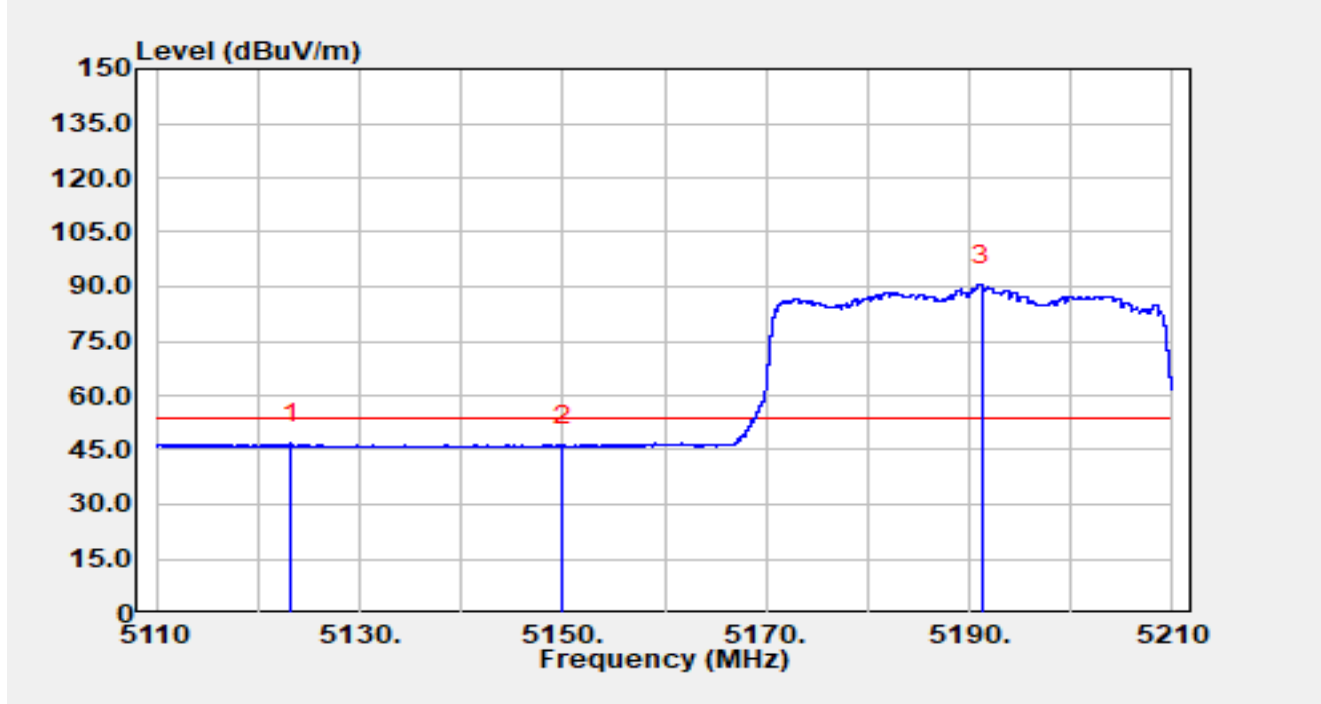


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5138.49	43.74	19.45	63.19	-10.81	74.00	Peak
2		5150.00	40.89	19.43	60.32	-13.68	74.00	Peak
3		5188.65	80.36	19.81	100.18	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5190MHz		

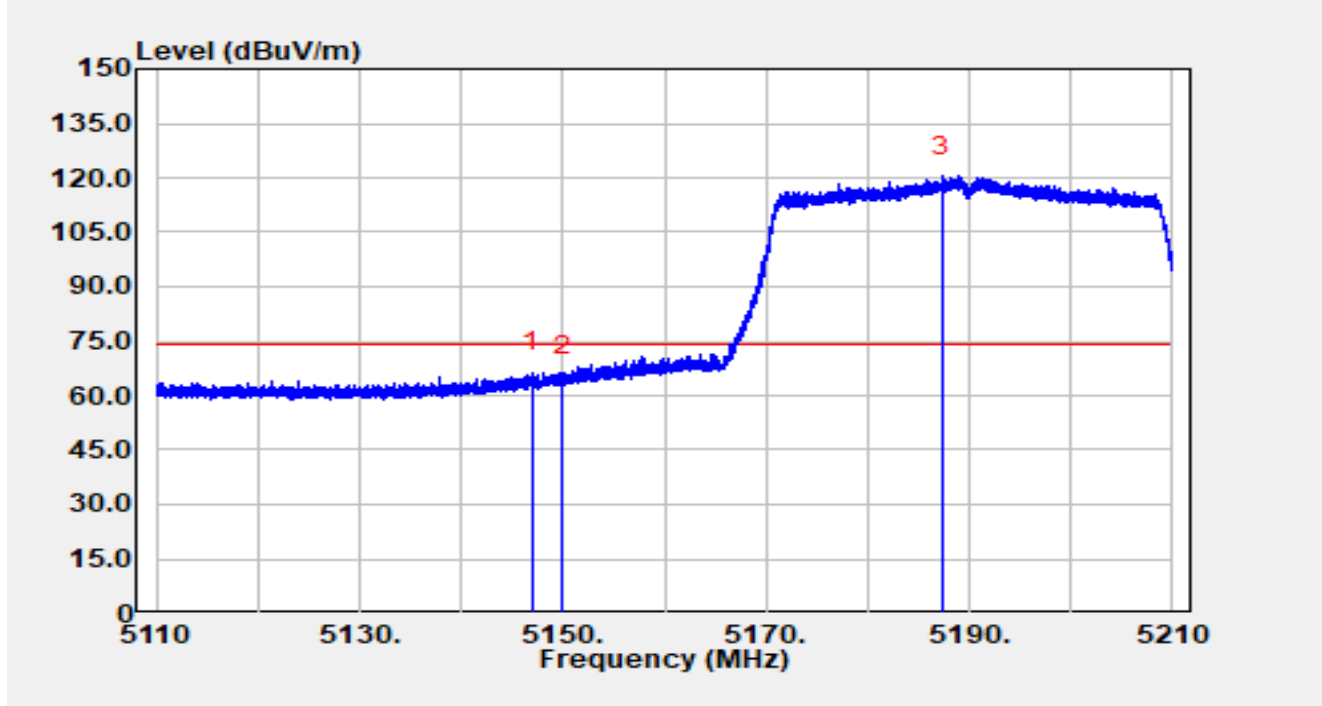


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5123.29	27.16	19.64	46.80	-7.20	54.00	Average
2		5150.00	26.49	19.43	45.92	-8.08	54.00	Average
3		5191.26	70.65	19.78	90.43	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5190MHz		

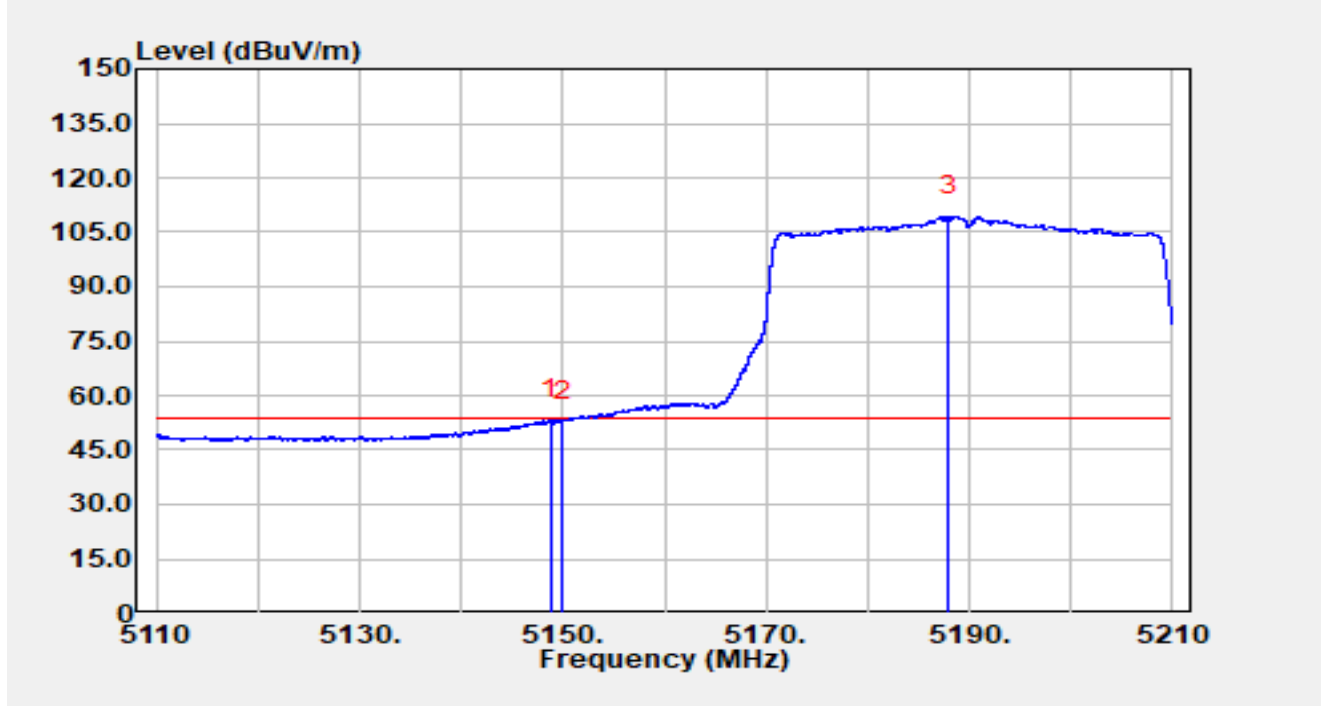


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5147.01	46.96	19.43	66.39	-7.61	74.00	Peak
2		5150.00	46.09	19.43	65.52	-8.48	74.00	Peak
3		5187.27	100.69	19.83	120.51	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5190MHz		

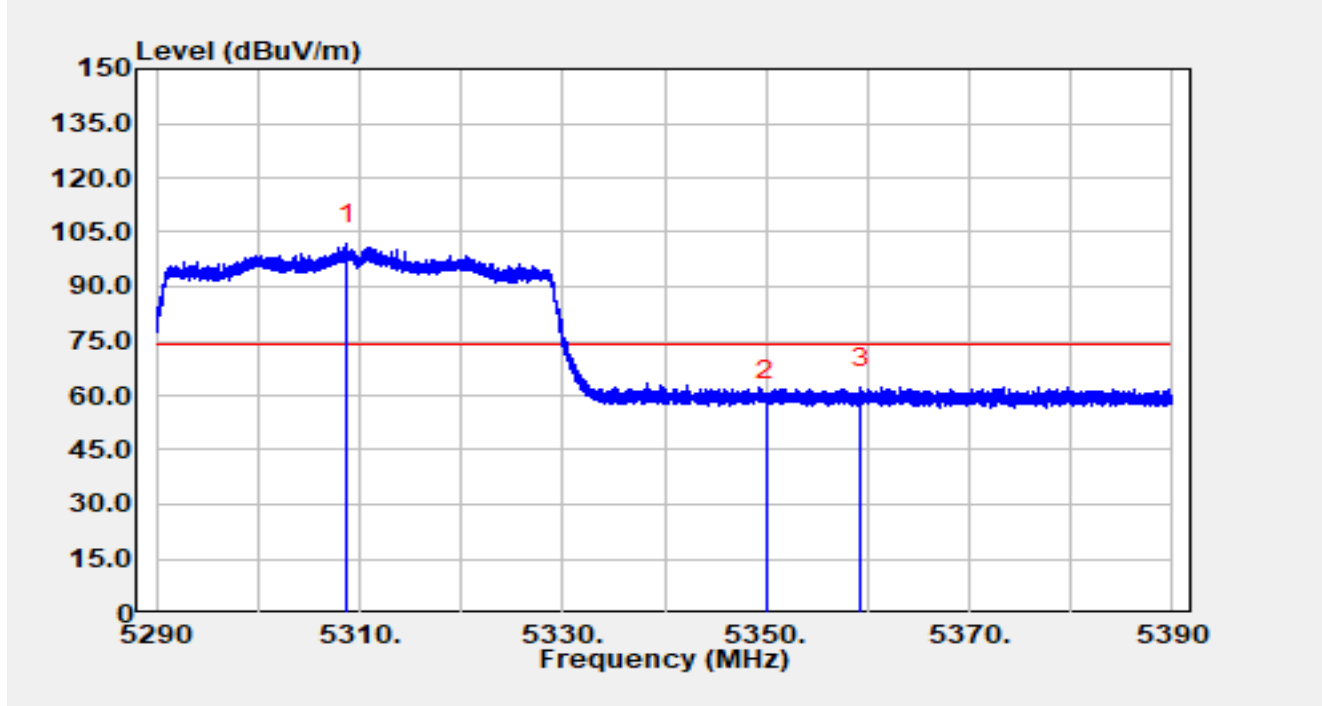


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5148.75	33.96	19.43	53.39	-0.61	54.00	Average
2		5150.00	33.52	19.43	52.95	-1.05	54.00	Average
3		5187.93	89.62	19.82	109.44	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5310MHz		

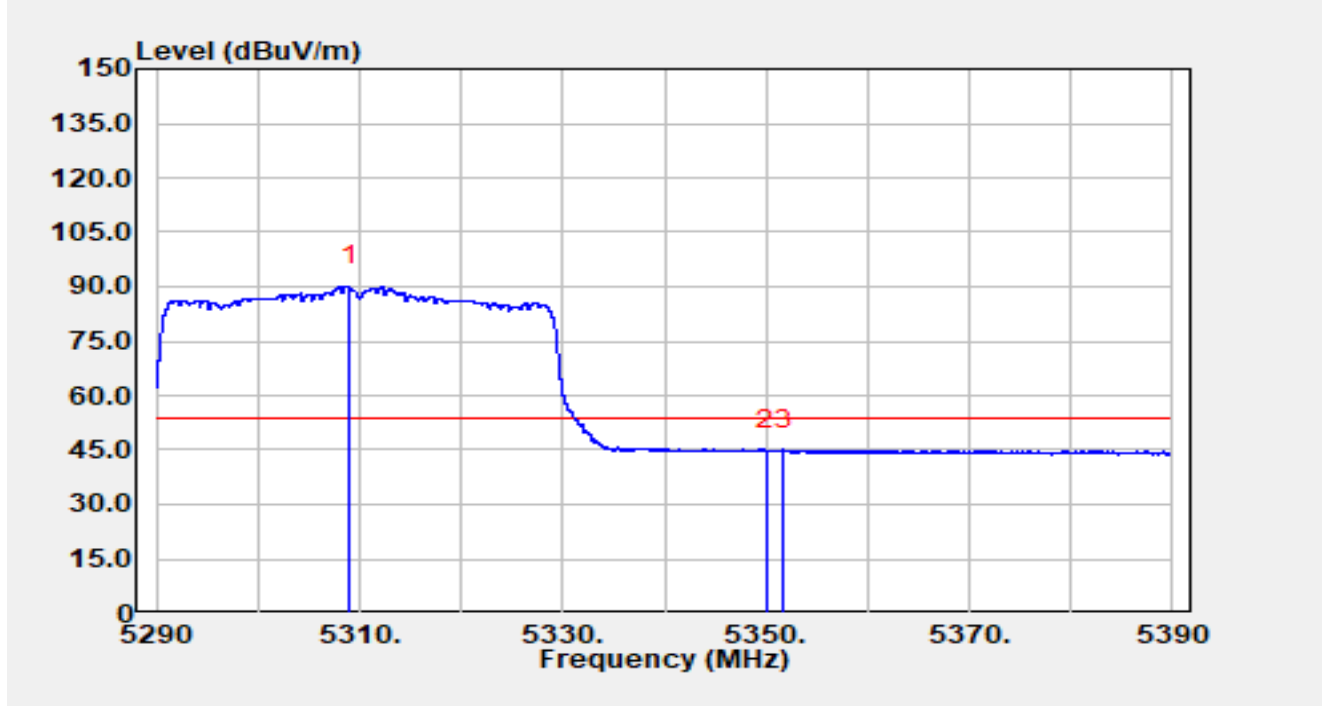


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5308.79	82.11	19.52	101.63	N/A	N/A	Peak
2		5350.00	38.49	19.85	58.34	-15.66	74.00	Peak
3	*	5359.37	42.23	19.91	62.14	-11.86	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5310MHz		

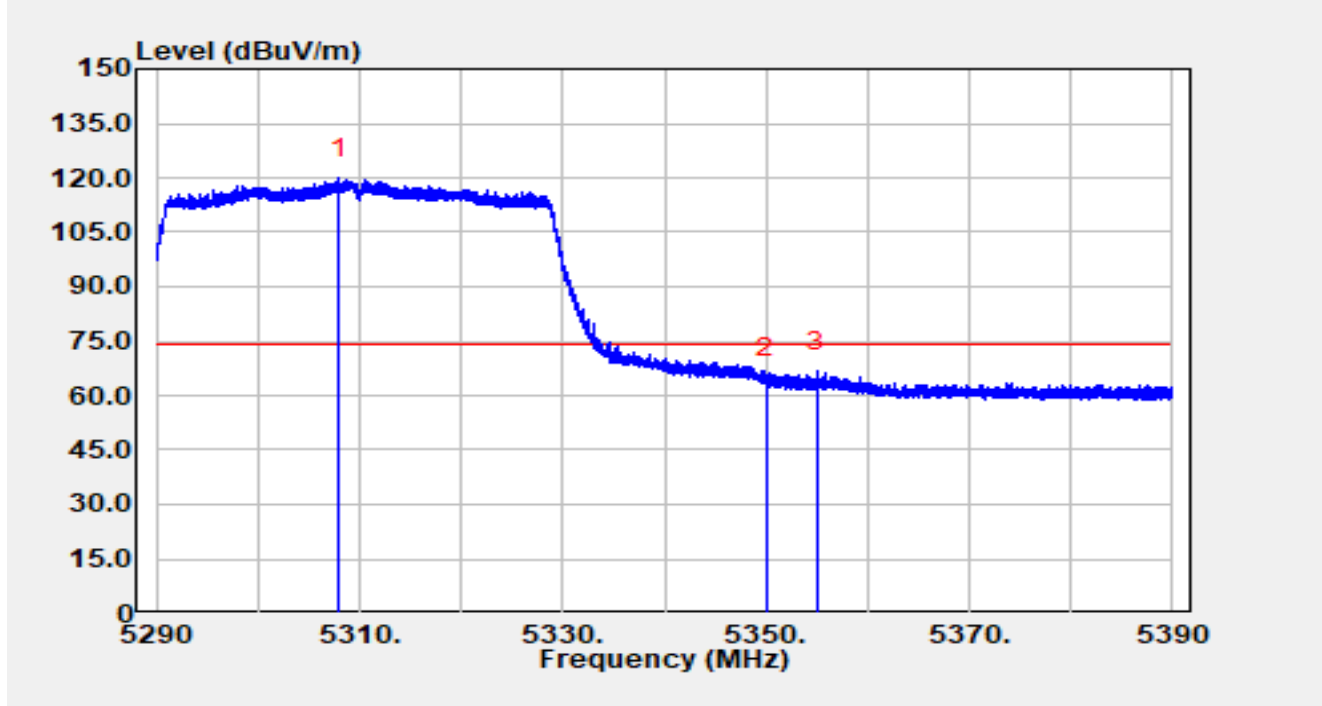


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5309.06	70.71	19.52	90.23	N/A	N/A	Average
2		5350.00	24.87	19.85	44.73	-9.27	54.00	Average
3	*	5351.78	25.23	19.87	45.10	-8.90	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5310MHz		

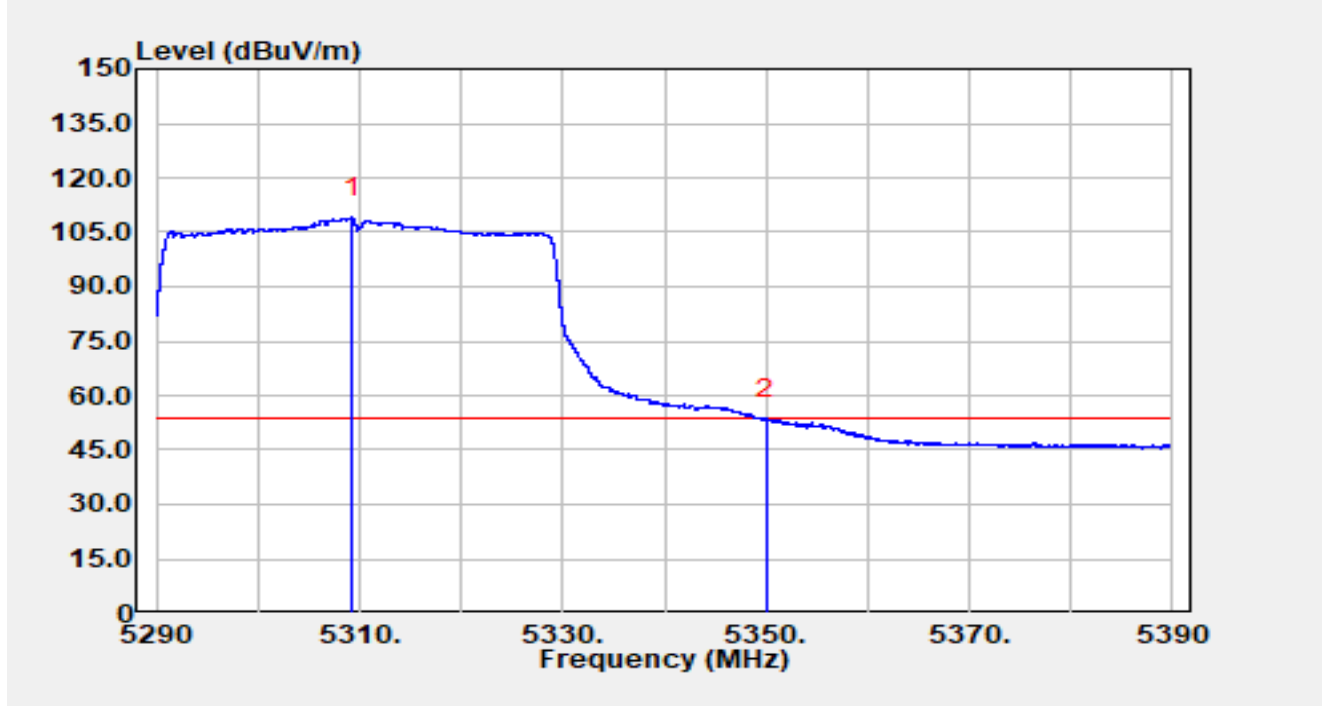


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5307.98	100.36	19.52	119.89	N/A	N/A	Peak
2		5350.00	45.04	19.85	64.90	-9.10	74.00	Peak
3	*	5354.99	46.87	19.89	66.76	-7.24	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5310MHz		

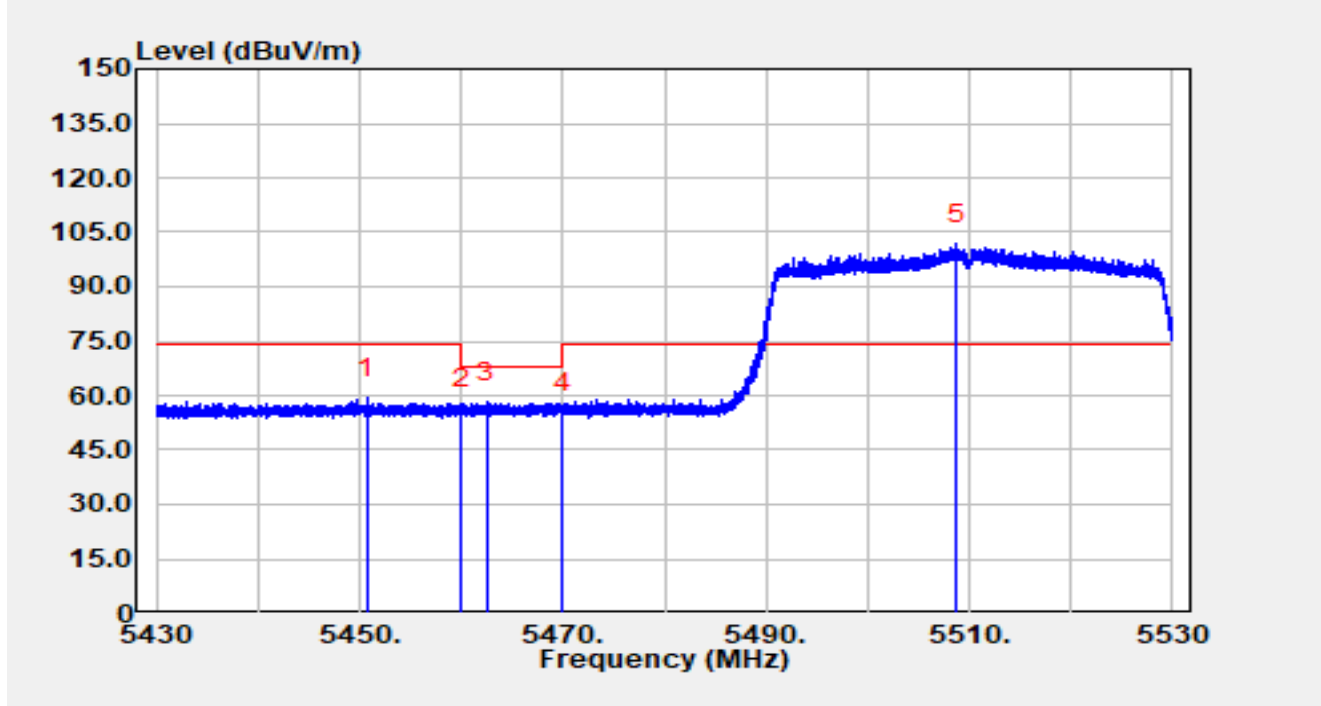


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5309.23	89.46	19.52	108.98	N/A	N/A	Average
2	*	5350.00	33.65	19.85	53.50	-0.50	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5510MHz		

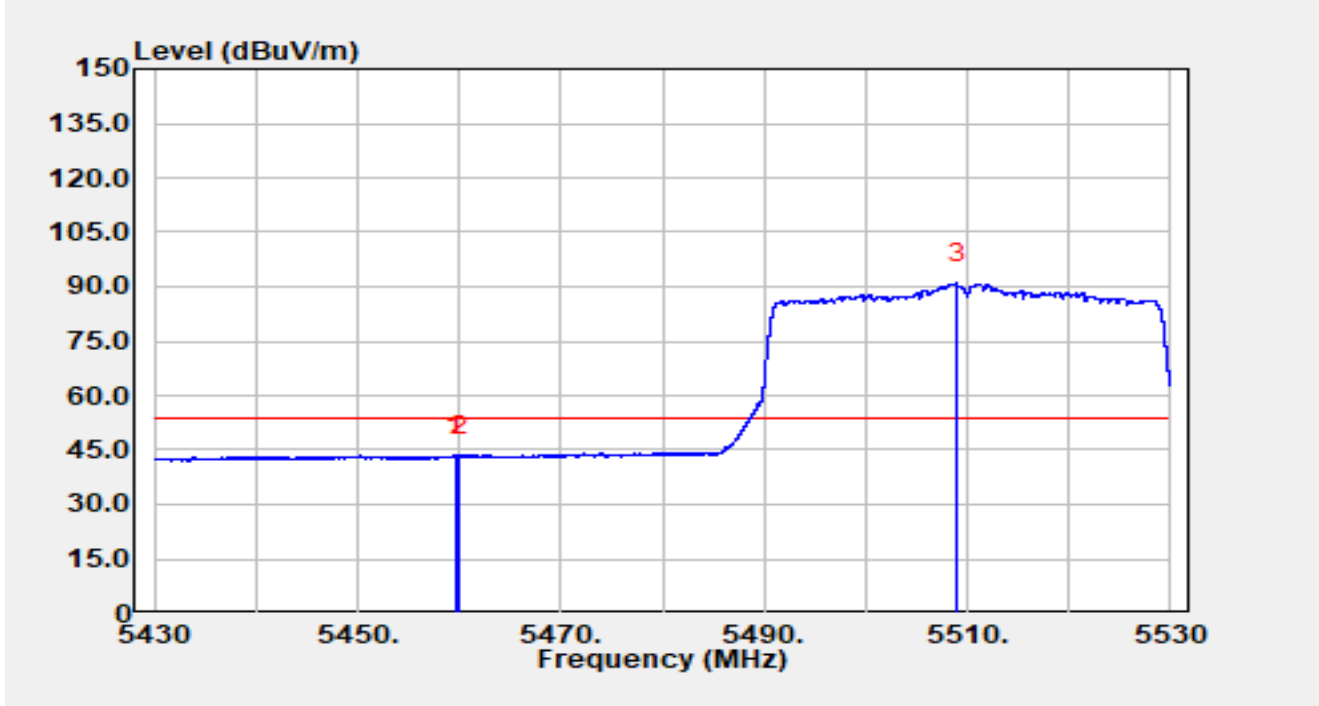


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5450.75	39.04	20.12	59.16	-14.84	74.00	Peak
2		5460.00	36.46	20.15	56.60	-11.60	68.20	Peak
3	*	5462.50	37.97	20.13	58.11	-10.09	68.20	Peak
4		5470.00	35.34	20.03	55.37	-12.83	68.20	Peak
5		5508.70	81.99	19.71	101.70	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) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5510MHz		

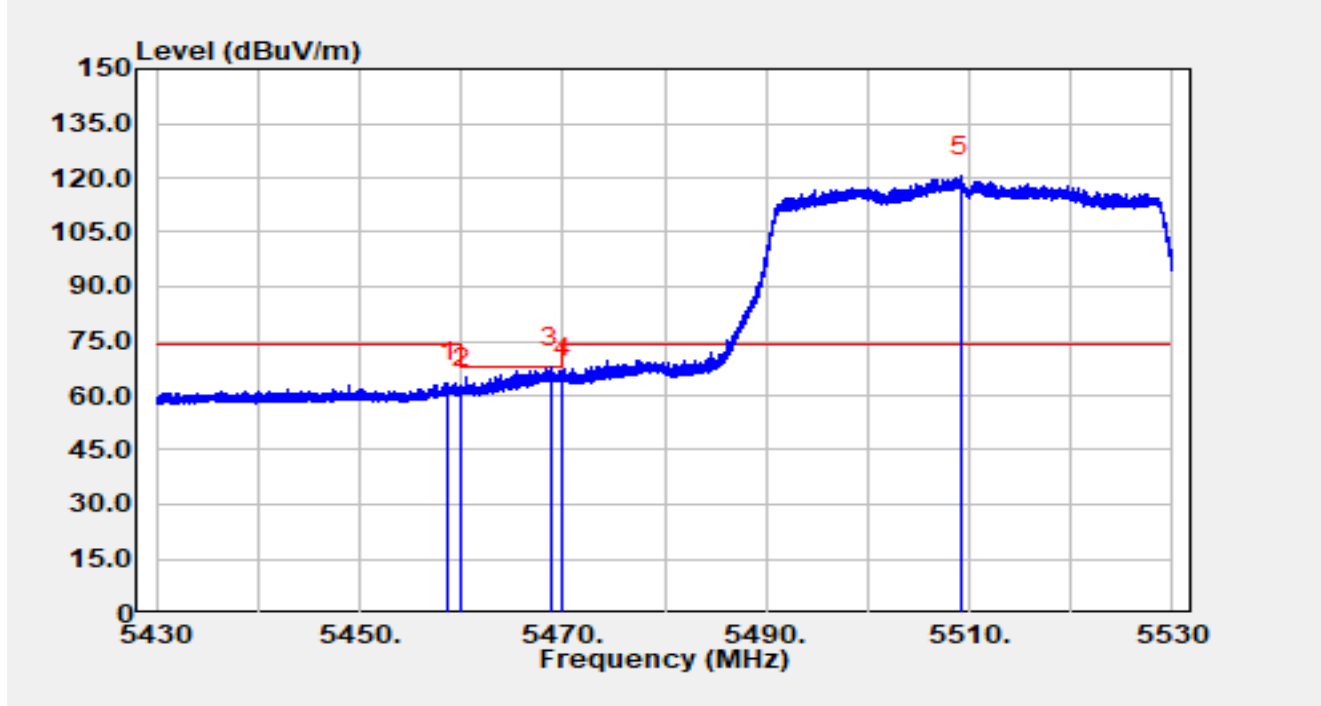


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5459.63	23.27	20.15	43.42	-10.58	54.00	Average
2		5460.00	23.05	20.15	43.19	-10.81	54.00	Average
3		5508.95	71.14	19.71	90.85	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5510MHz		

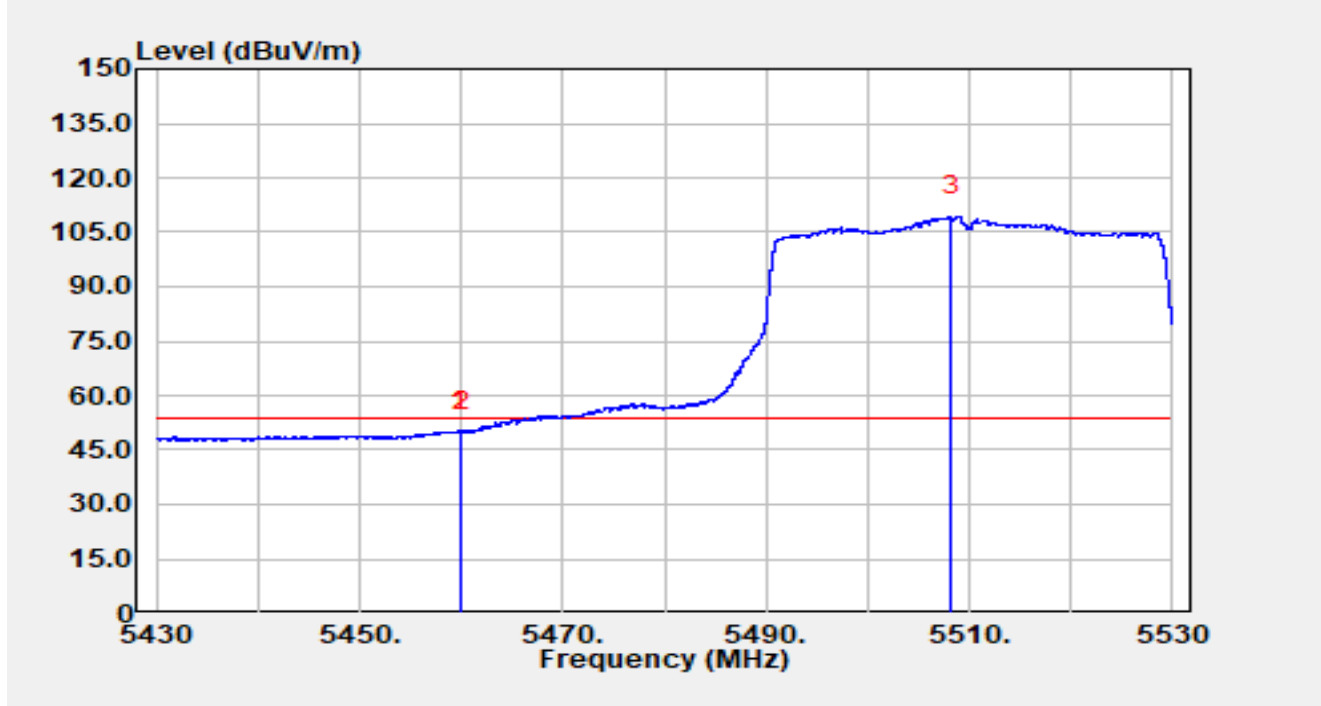


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5458.68	43.34	20.14	63.48	-10.52	74.00	Peak
2		5460.00	41.63	20.15	61.78	-6.42	68.20	Peak
3	*	5468.82	47.83	20.05	67.88	-0.32	68.20	Peak
4		5470.00	44.53	20.03	64.56	-3.64	68.20	Peak
5		5509.16	100.68	19.71	120.39	N/A	N/A	Peak

Notes:

- " * ", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
- 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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5510MHz		

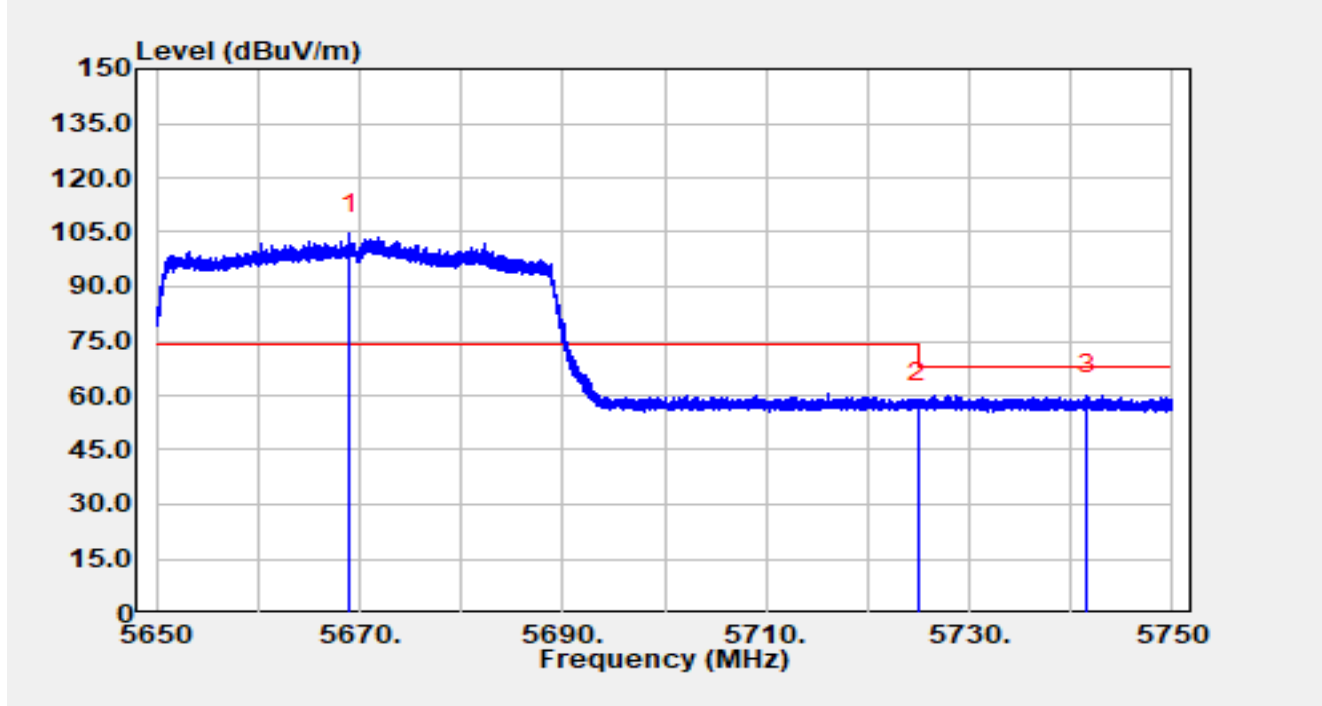


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5459.92	30.15	20.15	50.30	-3.70	54.00	Average
2		5460.00	30.02	20.15	50.16	-3.84	54.00	Average
3		5508.22	89.58	19.71	109.29	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5670MHz		

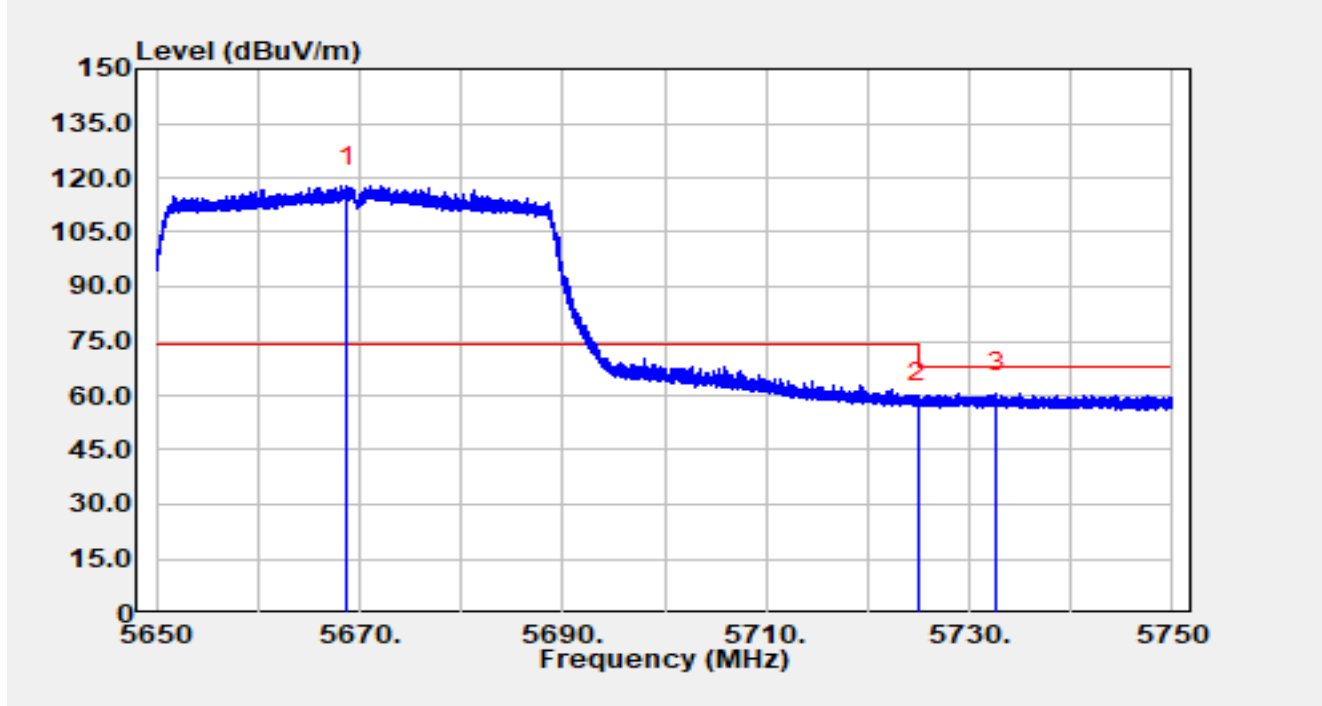


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5669.07	83.93	20.52	104.44	N/A	N/A	Peak
2		5725.00	36.53	21.34	57.87	-10.33	68.20	Peak
3	*	5741.58	38.84	21.23	60.07	-8.13	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5670MHz		

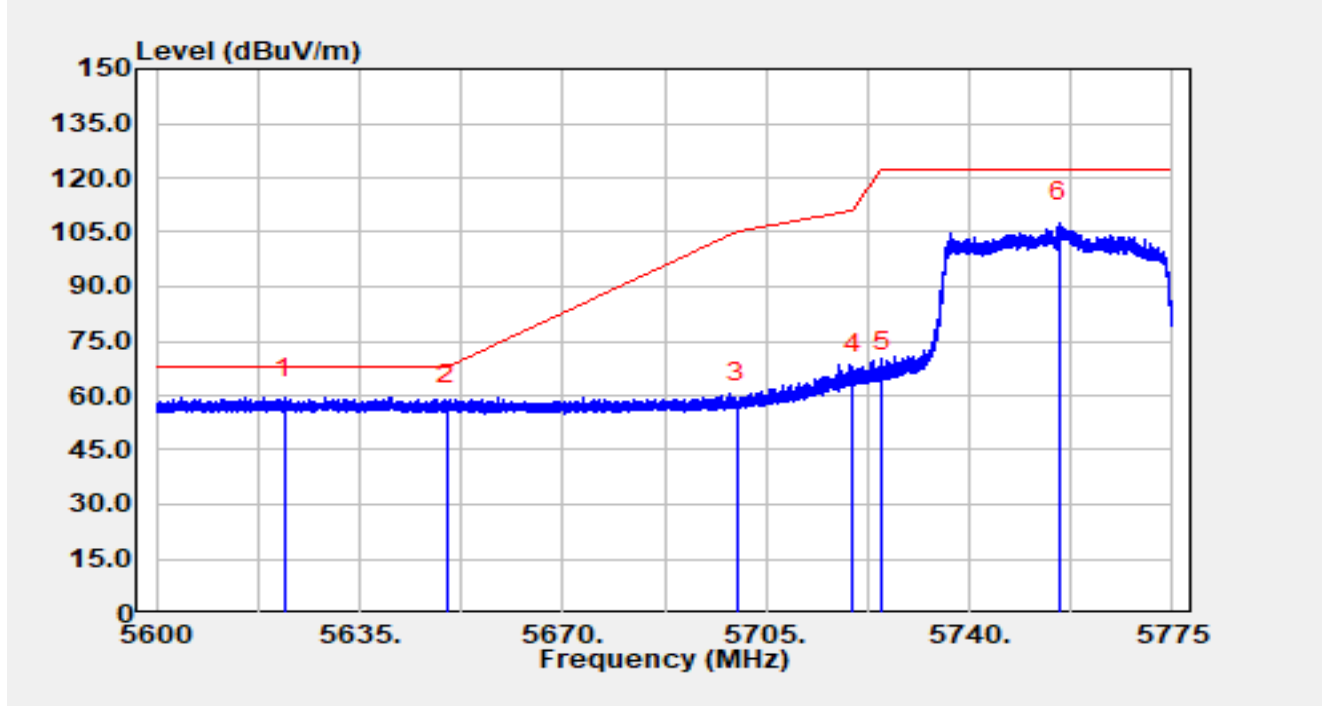


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5668.70	97.19	20.51	117.70	N/A	N/A	Peak
2		5725.00	36.63	21.34	57.97	-10.23	68.20	Peak
3	*	5732.63	39.30	21.30	60.60	-7.60	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5755MHz		

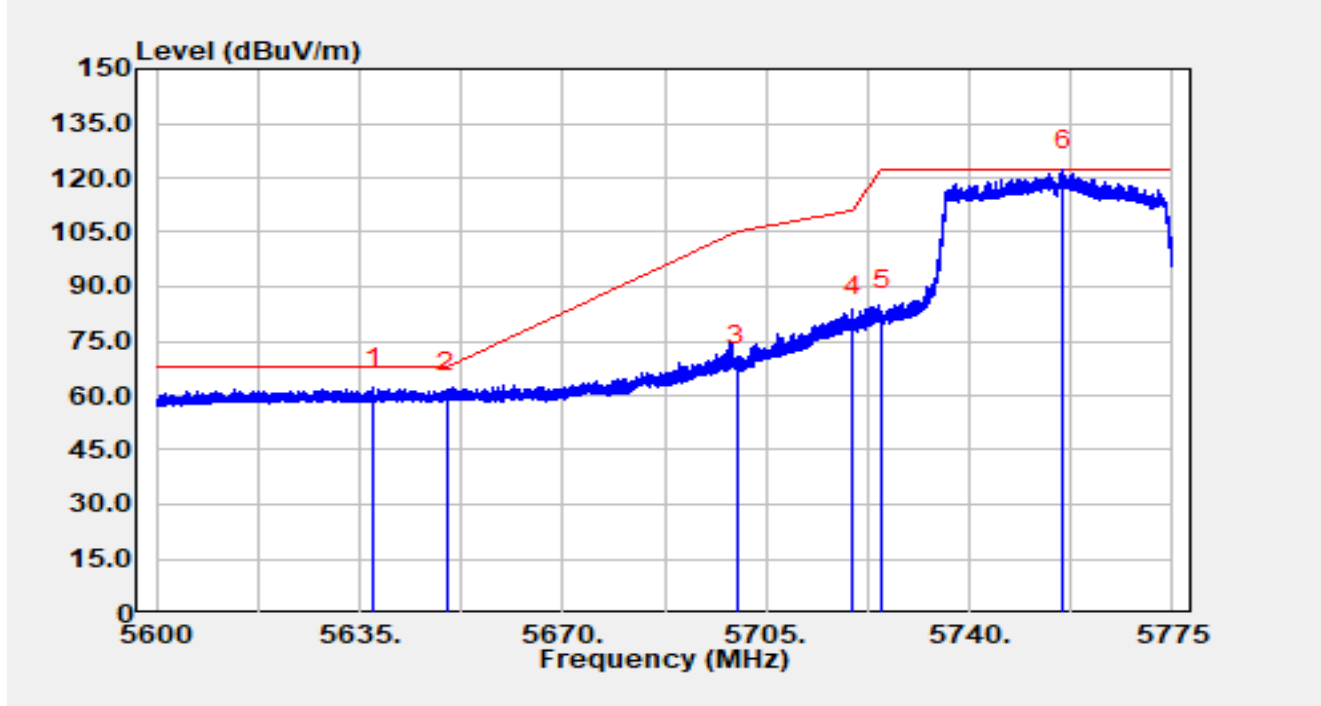


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5621.96	38.60	20.74	59.34	-8.86	68.20	Peak
2		5650.00	37.09	20.63	57.72	-10.48	68.20	Peak
3		5700.00	36.90	21.09	57.99	-47.21	105.20	Peak
4		5720.00	44.37	21.36	65.74	-45.06	110.80	Peak
5		5725.00	45.10	21.34	66.44	-55.76	122.20	Peak
6		5755.37	86.47	21.10	107.57	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) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5755MHz		

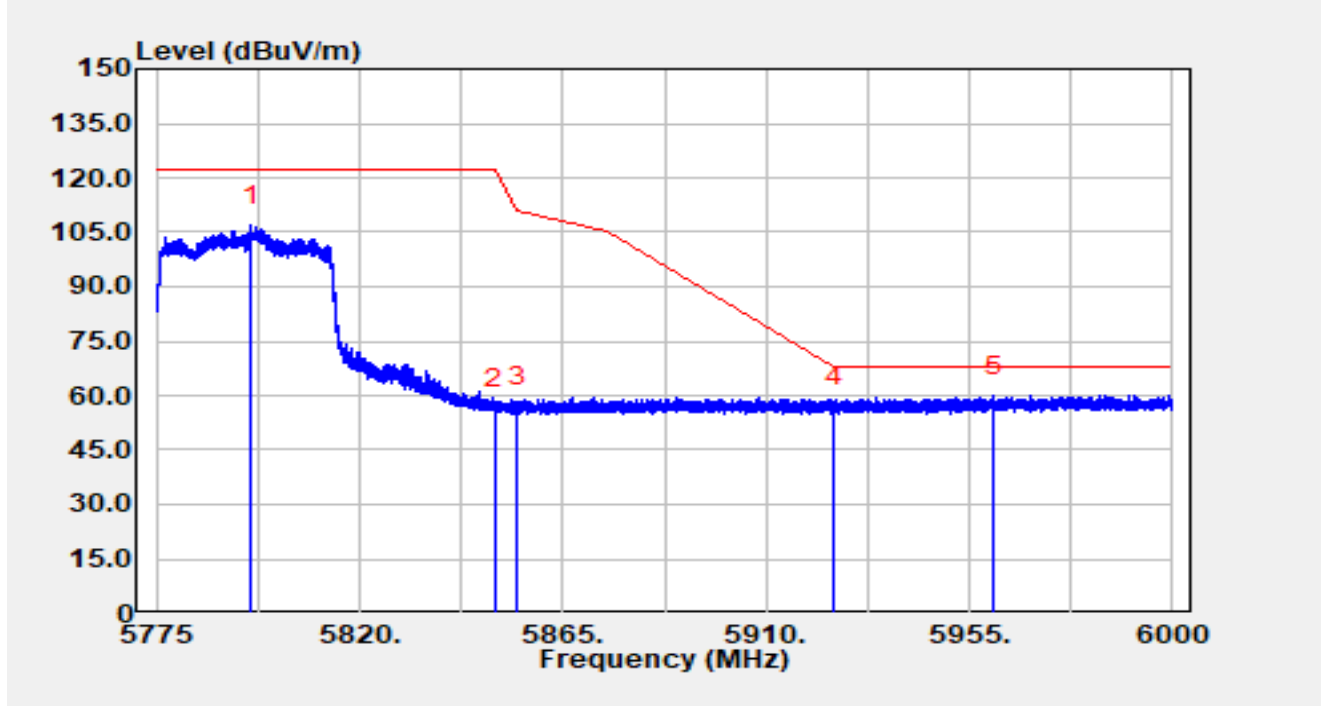


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5637.43	41.27	20.77	62.04	-6.16	68.20	Peak
2		5650.00	40.32	20.63	60.95	-7.25	68.20	Peak
3		5700.00	47.33	21.09	68.41	-36.79	105.20	Peak
4		5720.00	60.25	21.36	81.61	-29.19	110.80	Peak
5		5725.00	61.93	21.34	83.27	-38.93	122.20	Peak
6		5756.15	100.90	21.10	122.00	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) + Attenuation (dB) - AMP (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_5.8G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5795MHz		

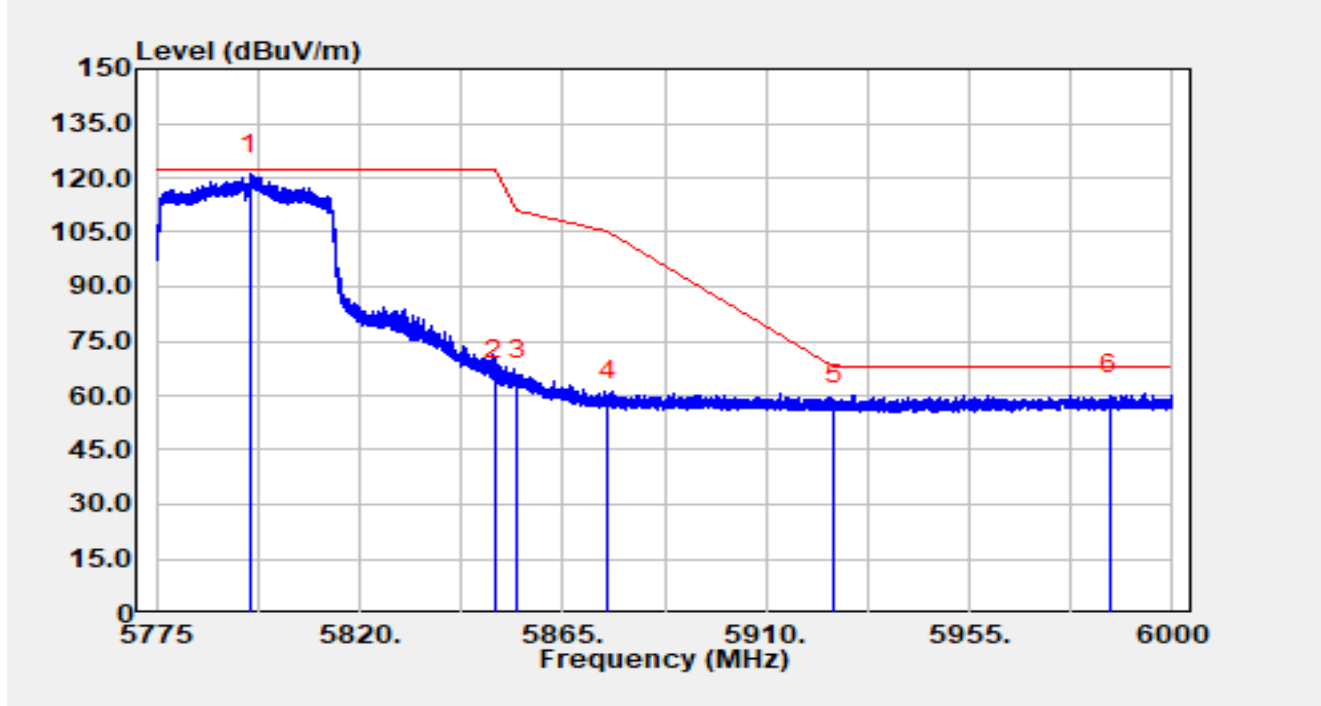


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5795.97	85.42	21.52	106.94	N/A	N/A	Peak
2		5850.00	35.10	21.33	56.43	-65.77	122.20	Peak
3		5855.00	35.35	21.33	56.68	-54.12	110.80	Peak
4		5925.00	35.63	21.49	57.12	-11.08	68.20	Peak
5	*	5960.51	38.12	21.73	59.85	-8.35	68.20	Peak

Notes:

- " * ", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
- 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_5.8G_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/50Hz
Test Mode	Transmit by 802.11ax-HE40 at 5795MHz		

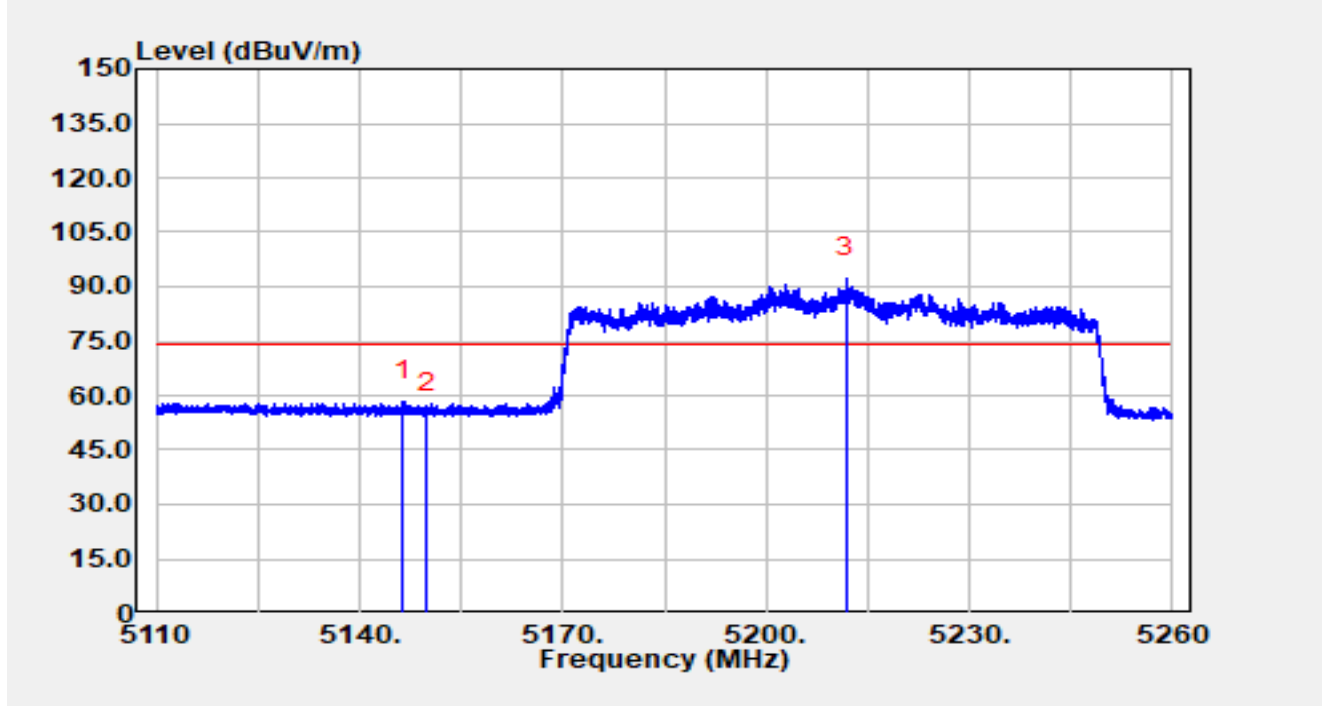


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5795.59	99.52	21.52	121.03	N/A	N/A	Peak
2		5850.00	43.06	21.33	64.40	-57.80	122.20	Peak
3		5855.00	42.89	21.33	64.22	-46.58	110.80	Peak
4		5875.00	36.81	21.59	58.40	-46.80	105.20	Peak
5		5925.00	36.04	21.49	57.53	-10.67	68.20	Peak
6	*	5985.98	38.29	21.95	60.24	-7.96	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5210MHz		

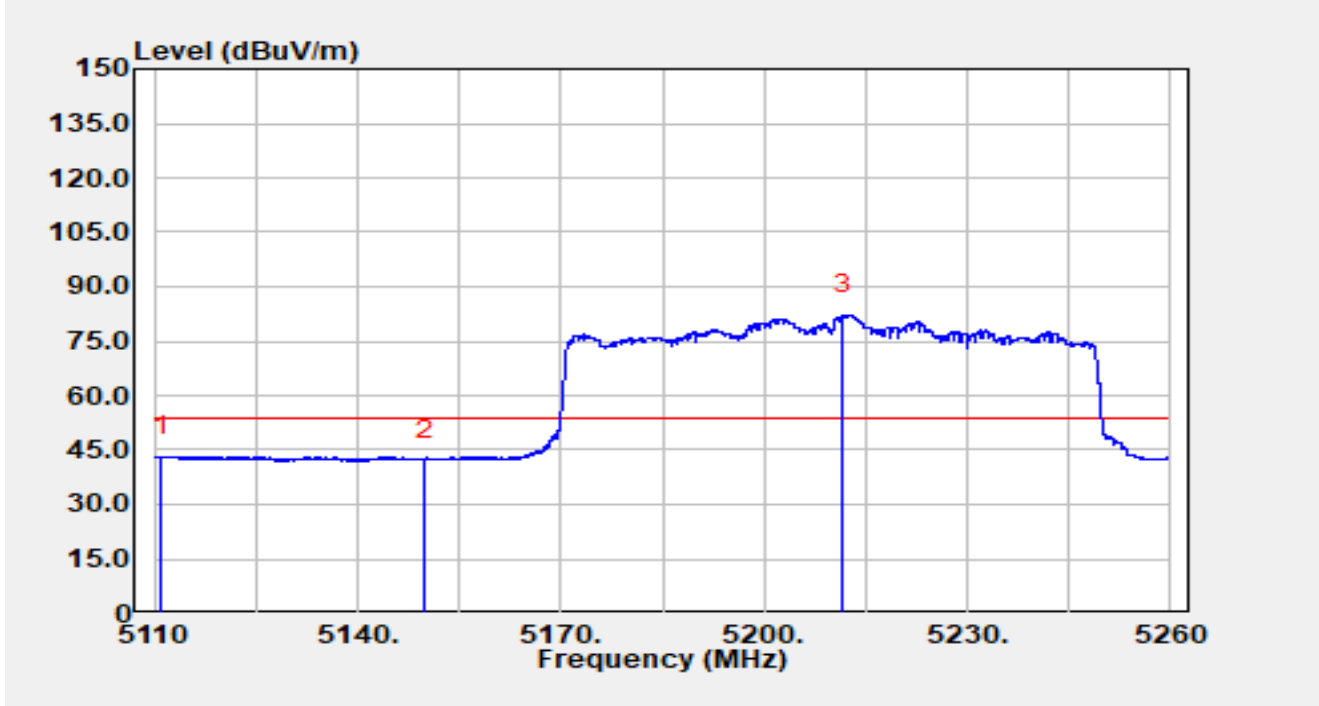


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5146.48	39.03	19.44	58.47	-15.53	74.00	Peak
2		5150.00	36.00	19.43	55.43	-18.57	74.00	Peak
3		5211.88	72.88	19.47	92.35	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5210MHz		

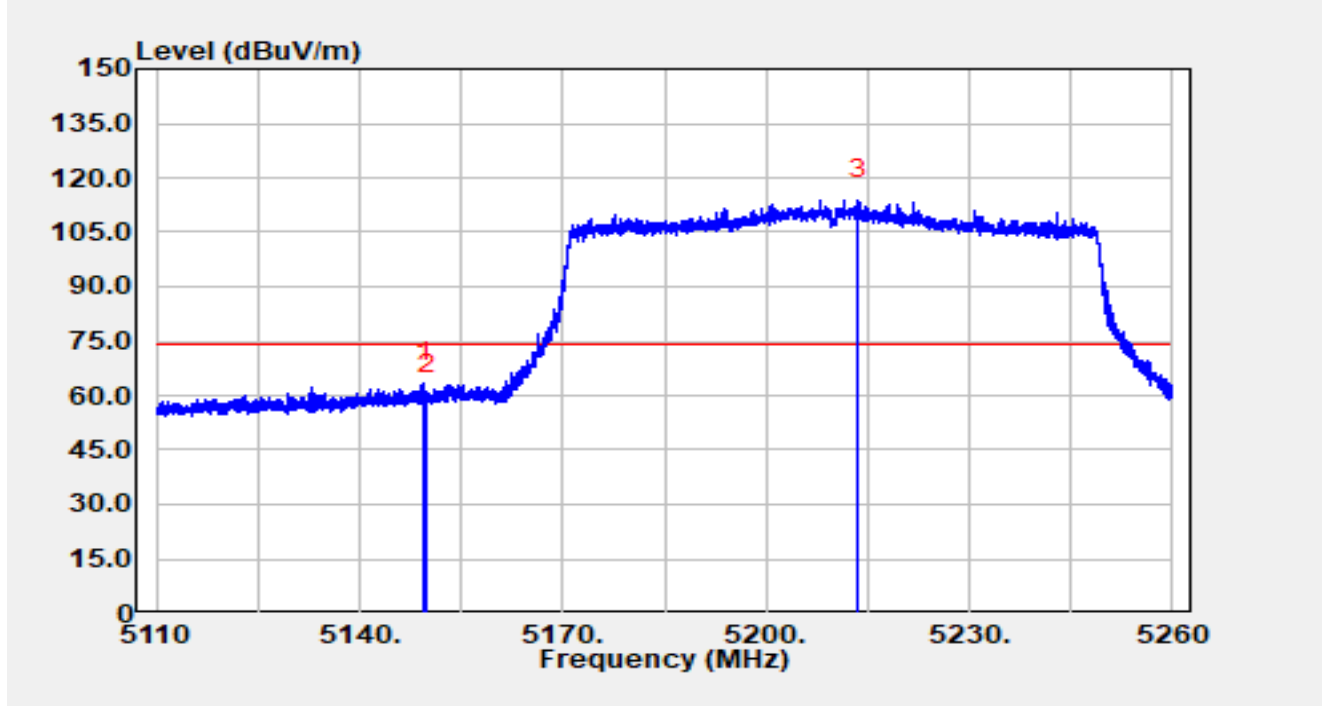


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5111.11	23.41	19.81	43.22	-10.78	54.00	Average
2		5150.00	22.82	19.43	42.25	-11.75	54.00	Average
3		5211.70	62.74	19.47	82.22	N/A	N/A	Average

Notes:

- "*", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5210MHz		

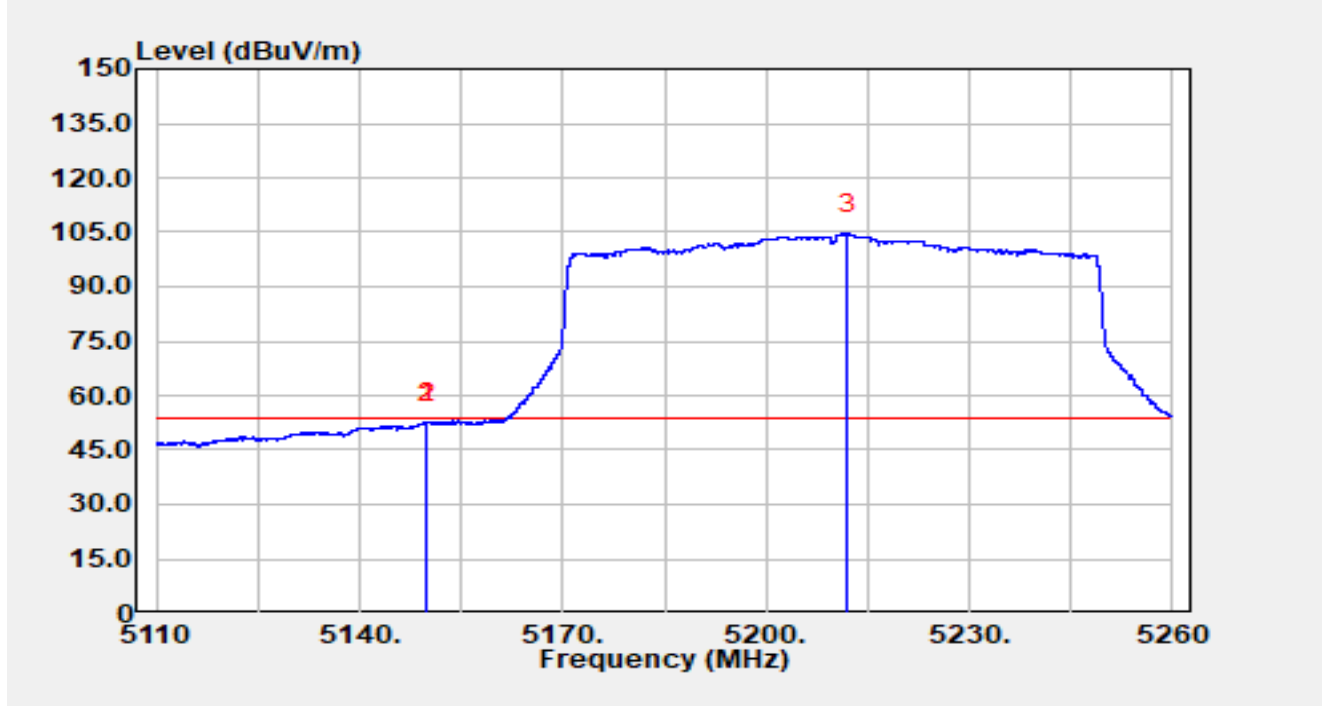


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5149.50	44.10	19.43	63.53	-10.47	74.00	Peak
2		5150.00	40.98	19.43	60.41	-13.59	74.00	Peak
3		5213.59	94.41	19.43	113.84	N/A	N/A	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5210MHz		

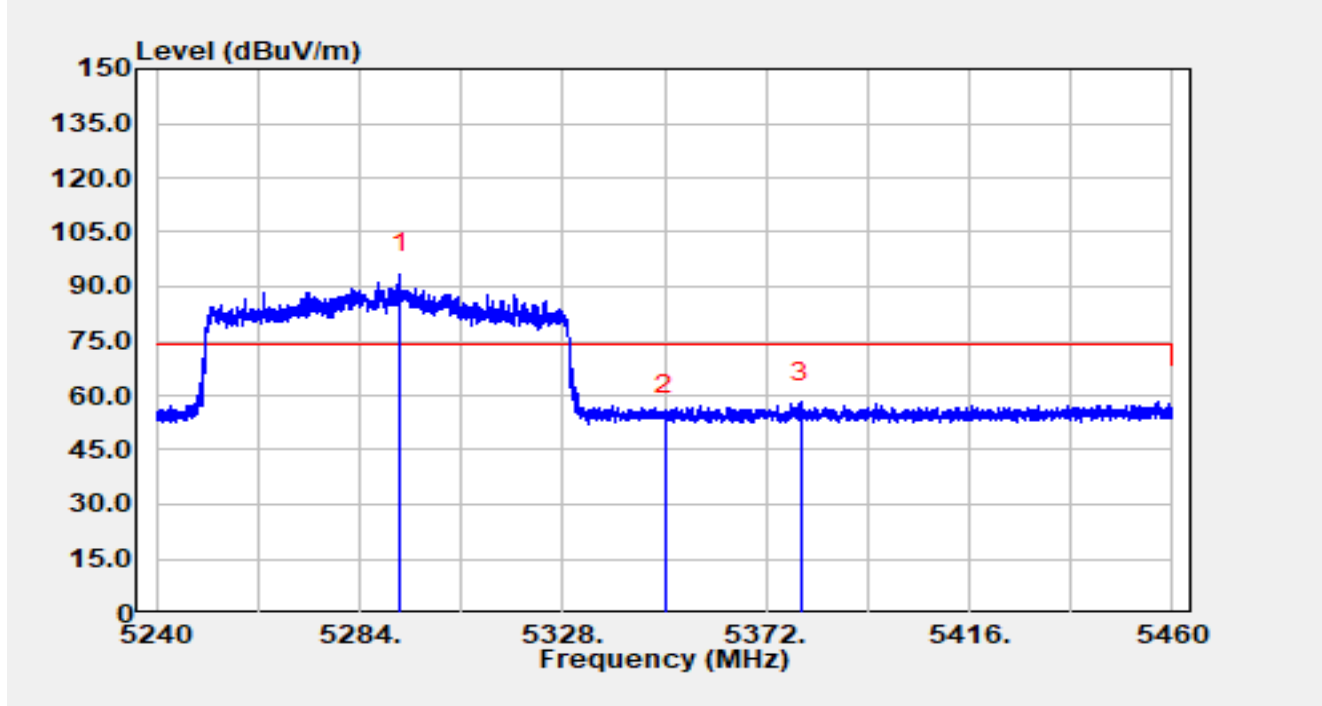


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5149.87	33.17	19.43	52.60	-1.40	54.00	Average
2		5150.00	33.13	19.43	52.56	-1.44	54.00	Average
3		5212.02	85.08	19.47	104.54	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5290MHz		

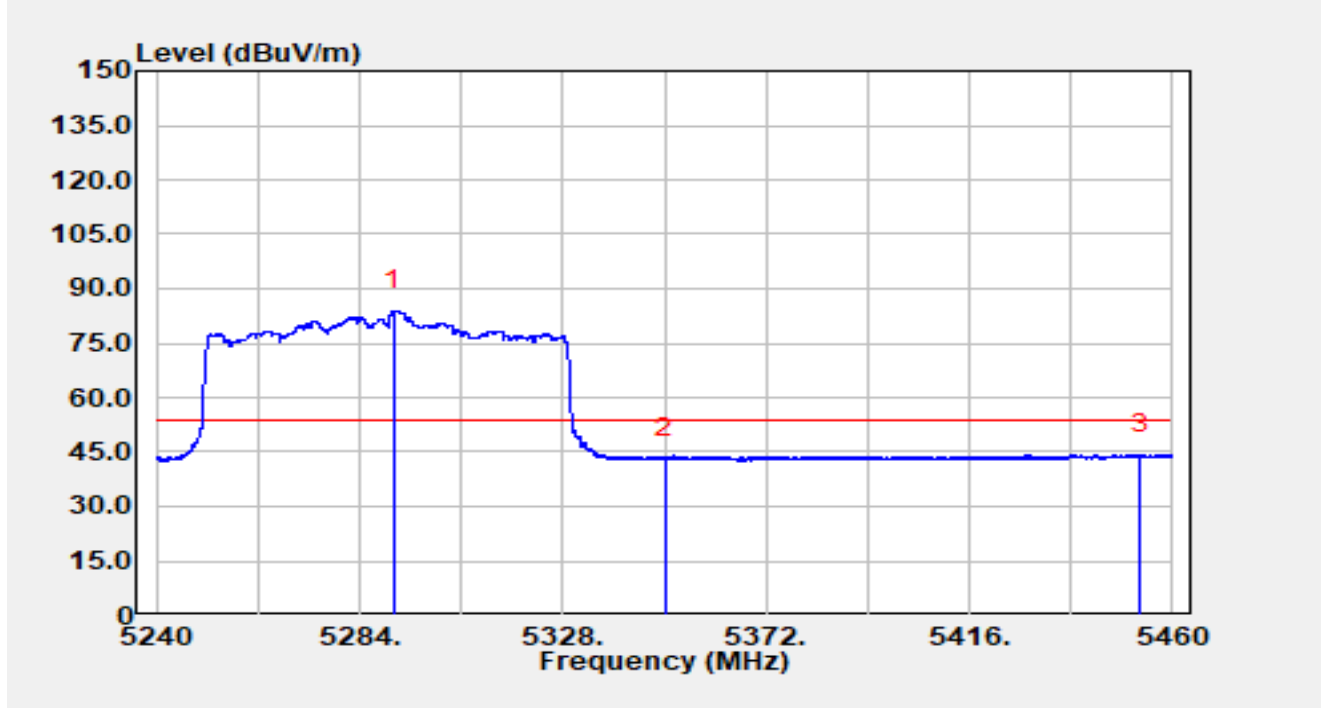


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5292.82	73.83	19.70	93.53	N/A	N/A	Peak
2		5350.00	34.51	19.85	54.37	-19.63	74.00	Peak
3	*	5379.44	38.34	19.93	58.27	-15.73	74.00	Peak

Notes:

- " * ", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5290MHz		

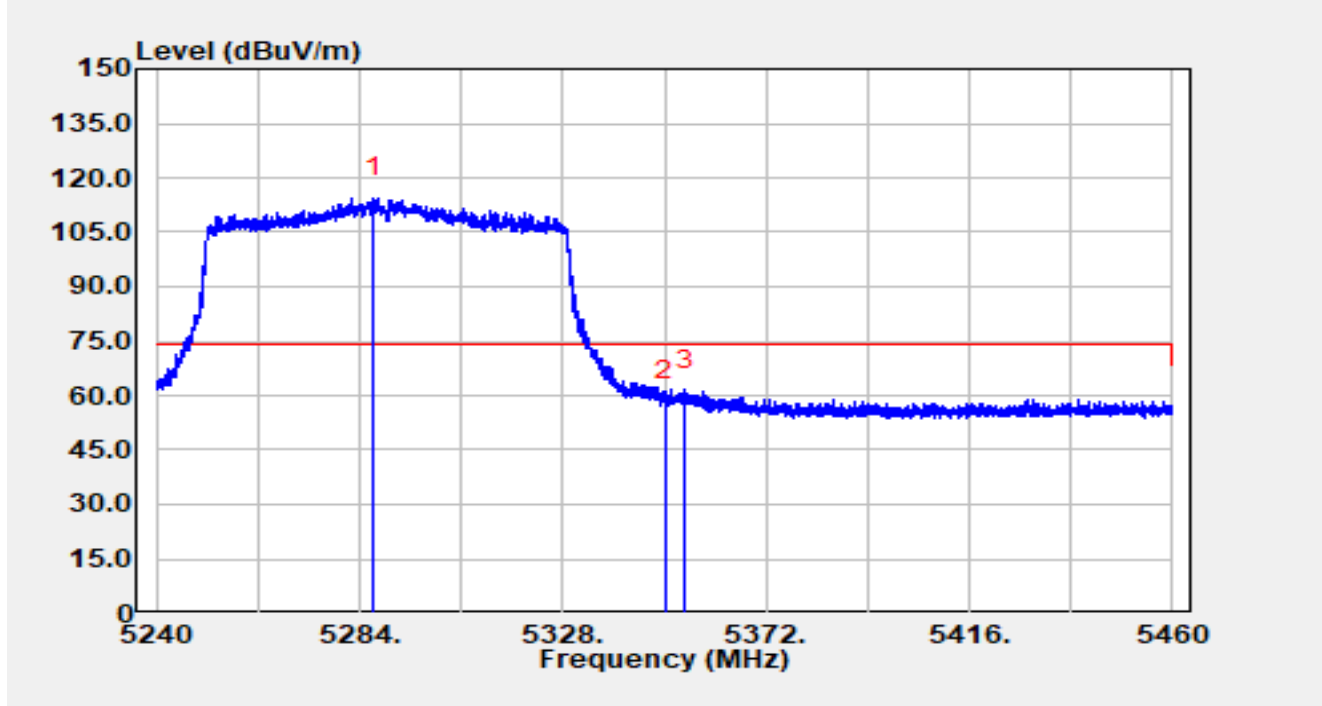


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5291.28	64.34	19.72	84.06	N/A	N/A	Average
2		5350.00	23.42	19.85	43.27	-10.73	54.00	Average
3	*	5452.94	24.25	20.13	44.38	-9.62	54.00	Average

Notes:

- " * ", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5290MHz		

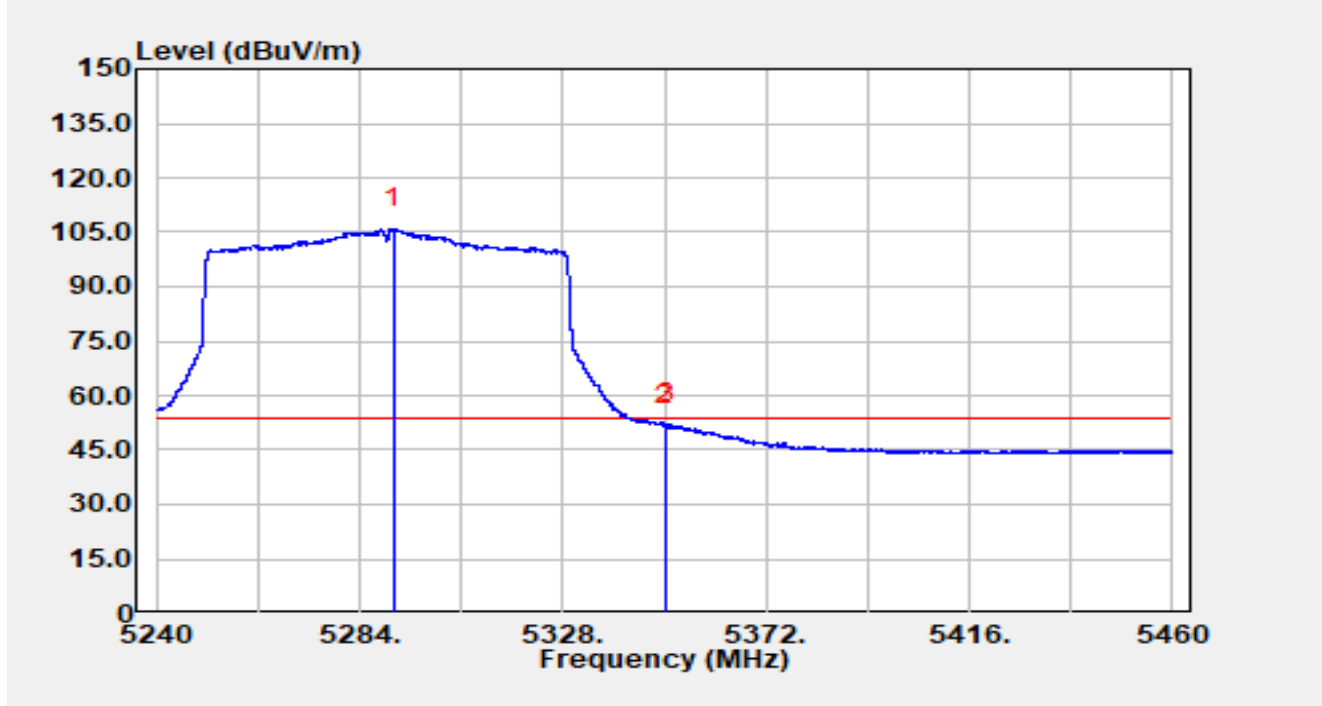


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5287.01	94.76	19.74	114.50	N/A	N/A	Peak
2		5350.00	38.48	19.85	58.33	-15.67	74.00	Peak
3	*	5354.55	41.78	19.89	61.67	-12.33	74.00	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5290MHz		

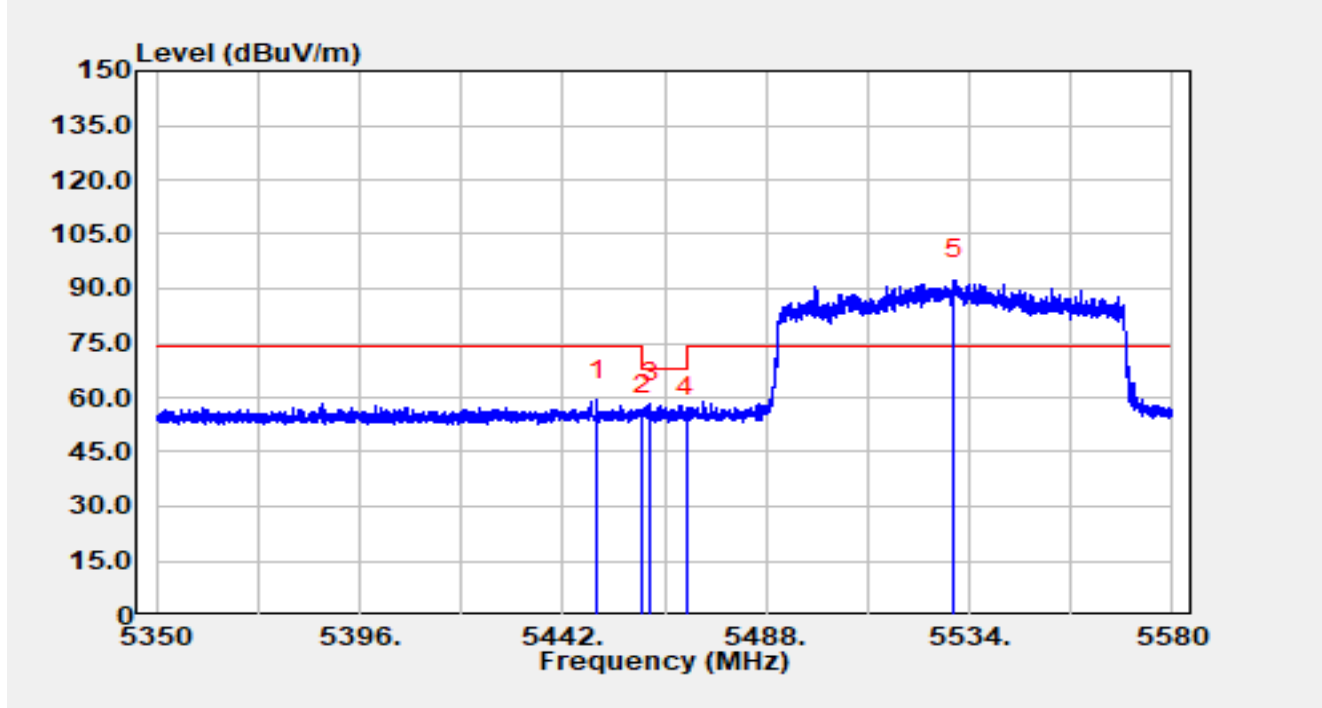


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5291.35	86.19	19.72	105.91	N/A	N/A	Average
2		5350.00	31.92	19.85	51.77	-2.23	54.00	Average
3	*	5350.55	32.34	19.86	52.20	-1.80	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5530MHz		

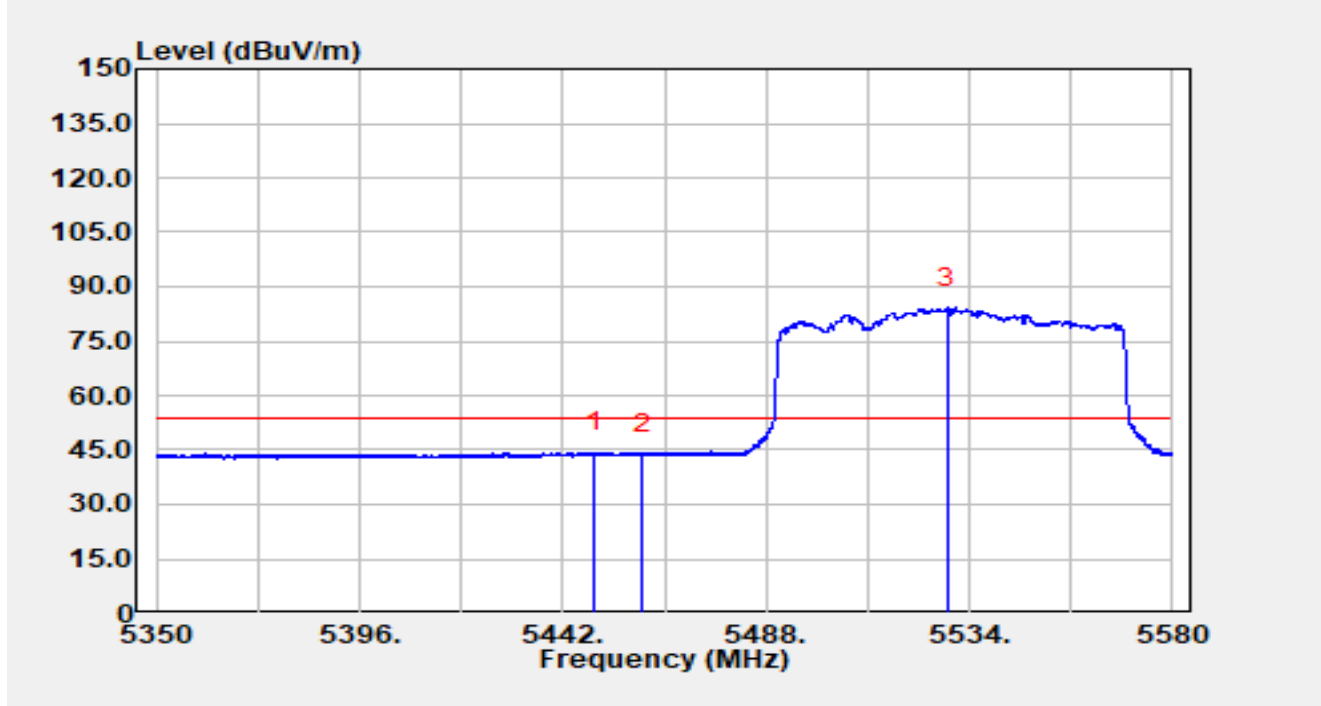


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5449.66	39.12	20.12	59.24	-14.76	74.00	Peak
2		5460.00	35.28	20.15	55.43	-12.77	68.20	Peak
3	*	5461.90	38.17	20.14	58.31	-9.89	68.20	Peak
4		5470.00	34.43	20.03	54.46	-13.74	68.20	Peak
5		5530.67	72.34	20.14	92.48	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) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5530MHz		

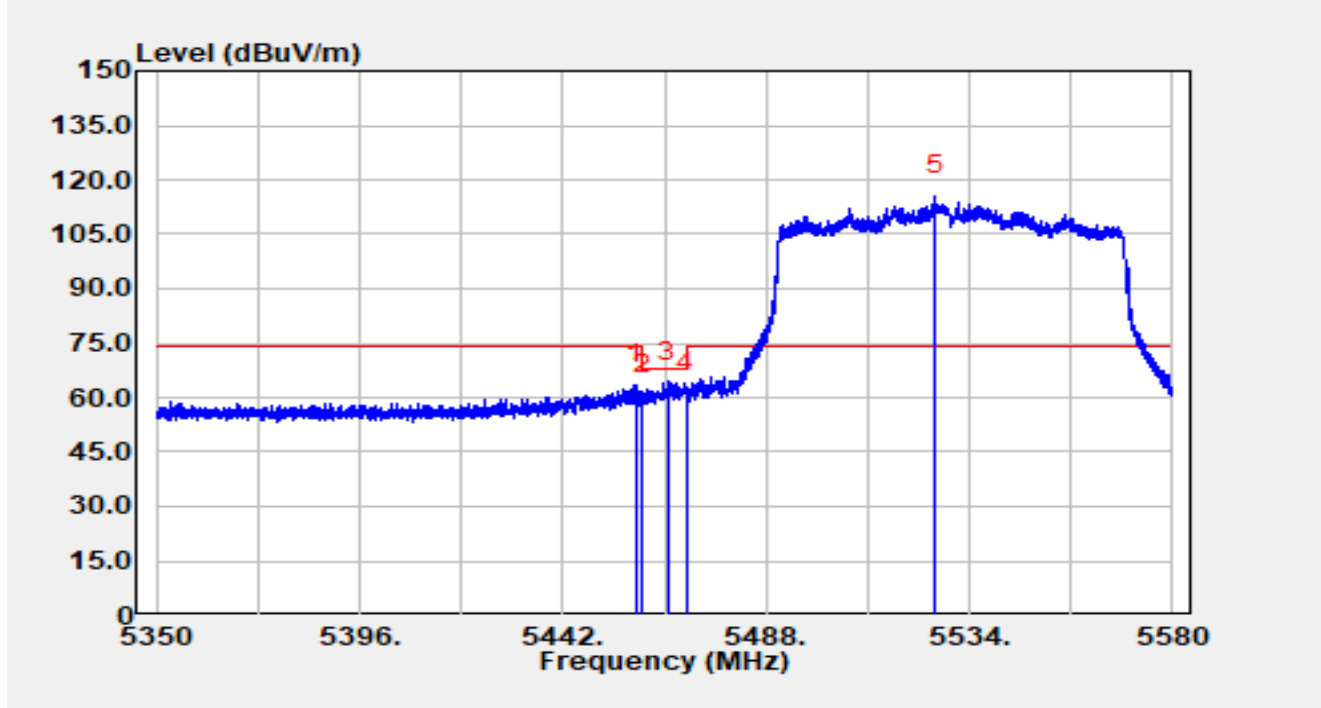


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5449.11	24.17	20.12	44.28	-9.72	54.00	Average
2		5460.00	23.74	20.15	43.88	-10.12	54.00	Average
3		5529.08	64.04	20.11	84.15	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5530MHz		

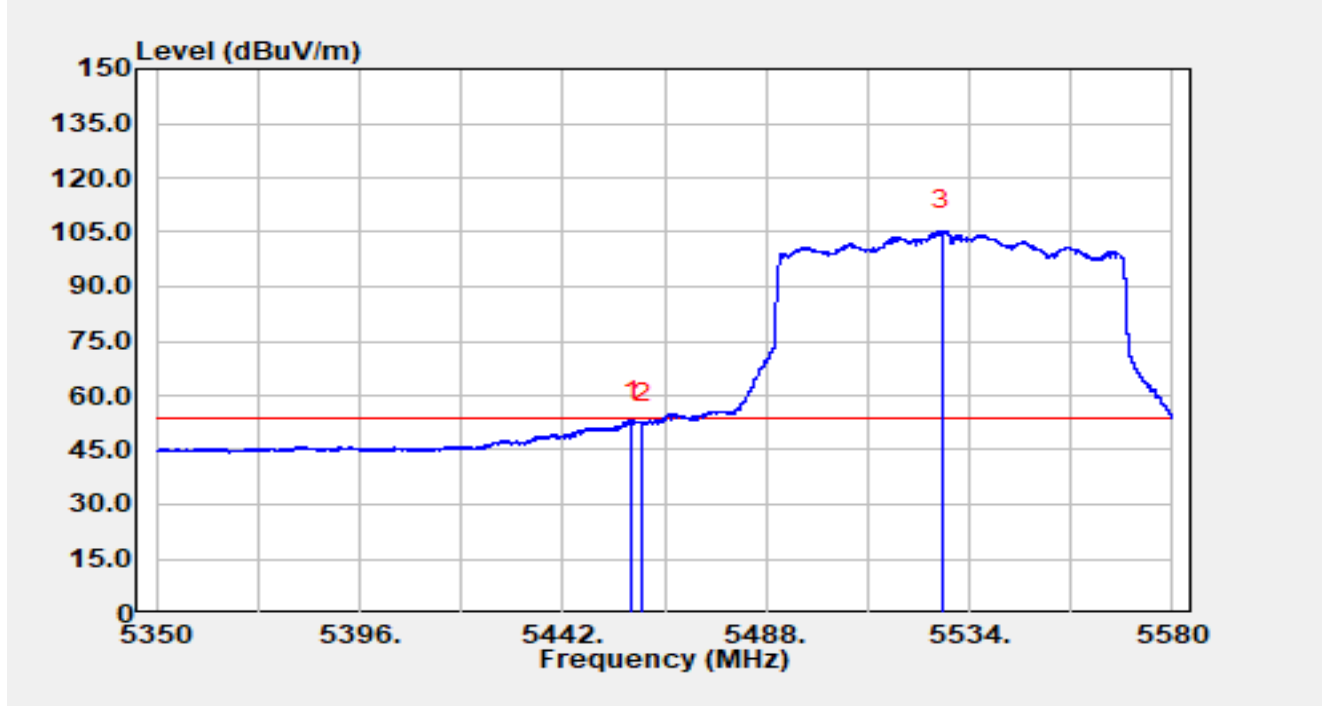


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5458.58	43.28	20.14	63.42	-10.58	74.00	Peak
2		5460.00	40.48	20.15	60.63	-7.57	68.20	Peak
3	*	5465.85	44.31	20.09	64.39	-3.81	68.20	Peak
4		5470.00	41.42	20.03	61.45	-6.75	68.20	Peak
5		5526.23	95.58	20.04	115.63	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) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5530MHz		

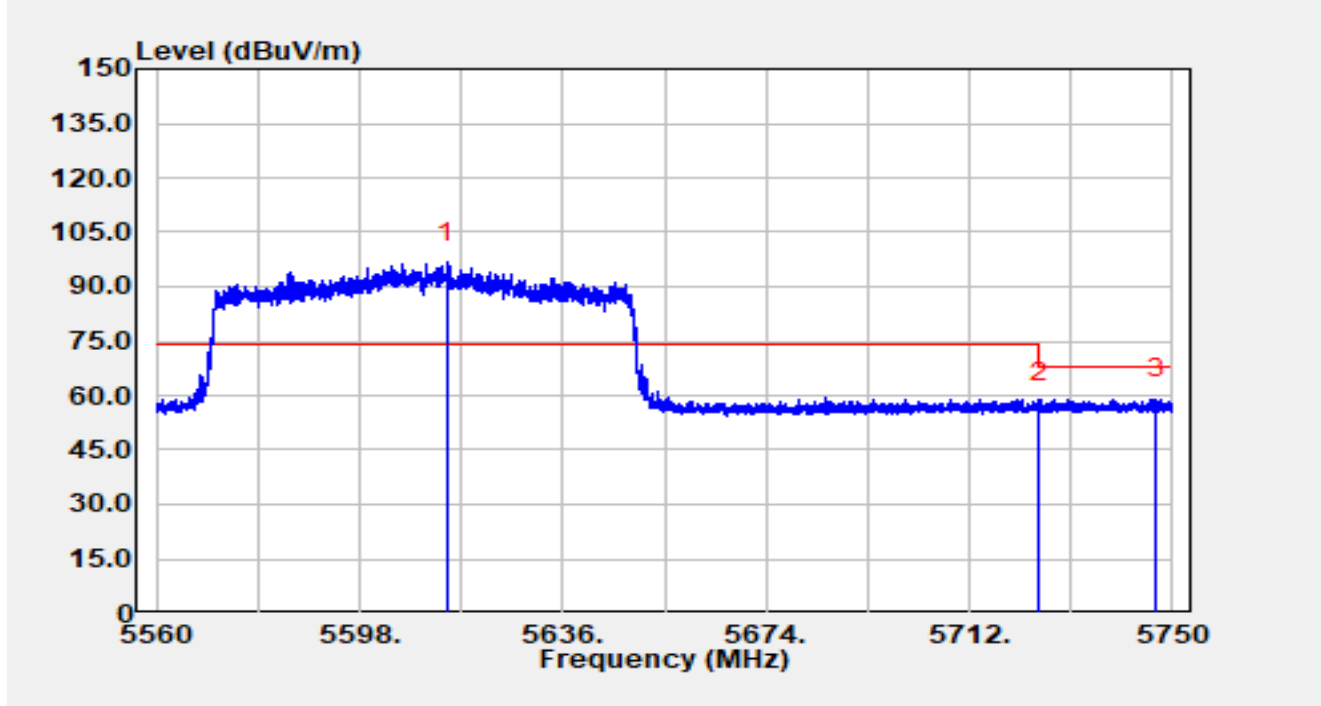


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5457.73	33.05	20.14	53.19	-0.81	54.00	Average
2		5460.00	32.23	20.15	52.37	-1.63	54.00	Average
3		5527.77	85.46	20.08	105.54	N/A	N/A	Average

Notes:

- " * ", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5610MHz		

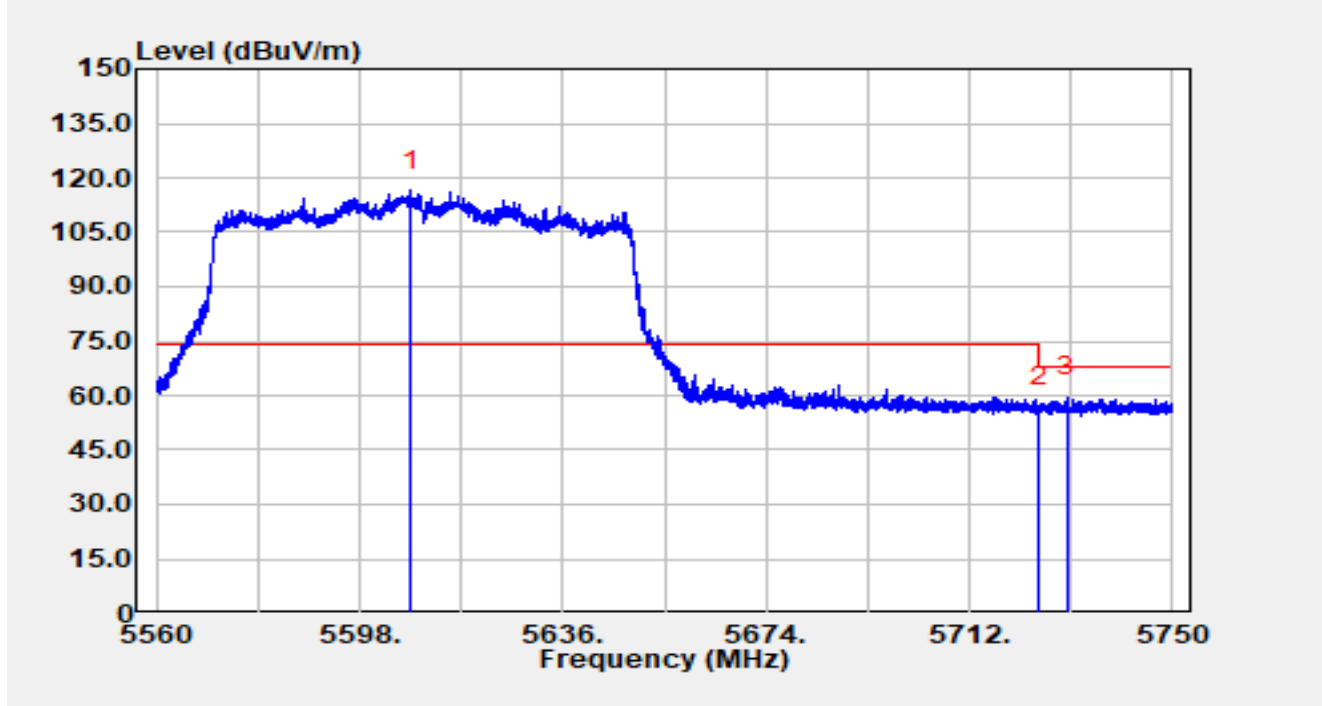


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5614.42	75.86	20.66	96.52	N/A	N/A	Peak
2		5725.00	36.49	21.34	57.83	-16.17	74.00	Peak
3	*	5747.06	37.92	21.17	59.09	-9.11	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5610MHz		

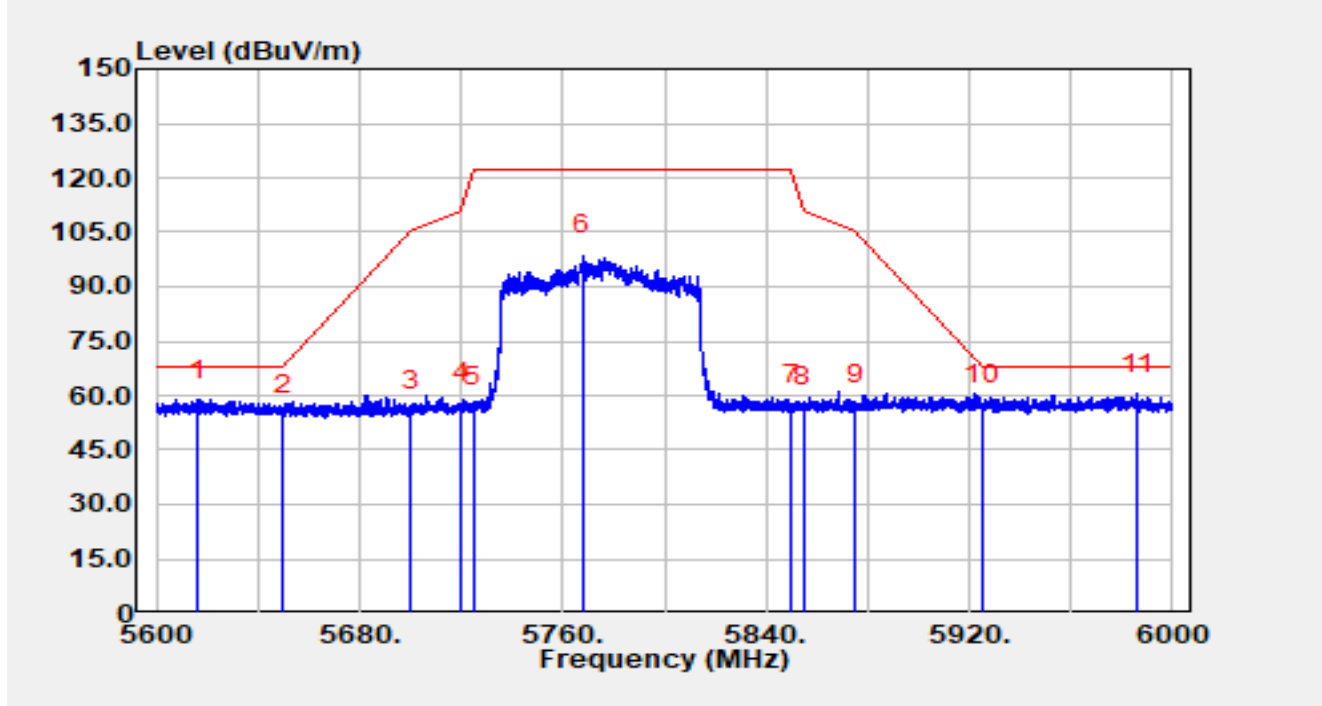


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5607.67	96.04	20.51	116.54	N/A	N/A	Peak
2		5725.00	35.27	21.34	56.61	-17.39	74.00	Peak
3	*	5730.30	38.17	21.31	59.48	-8.72	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5.8G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5775MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5616.60	38.16	20.70	58.86	-9.34	68.20	Peak
2		5650.00	34.18	20.63	54.81	-13.39	68.20	Peak
3		5700.00	34.79	21.09	55.88	-49.32	105.20	Peak
4		5720.00	36.53	21.36	57.89	-52.91	110.80	Peak
5		5725.00	35.77	21.34	57.12	-65.08	122.20	Peak
6		5767.60	77.58	21.15	98.73	N/A	N/A	Peak
7		5850.00	36.04	21.33	57.37	-64.83	122.20	Peak
8		5855.00	35.63	21.33	56.95	-53.85	110.80	Peak
9		5875.00	35.92	21.59	57.52	-47.68	105.20	Peak
10		5925.00	35.87	21.49	57.36	-10.84	68.20	Peak
11	*	5986.16	38.44	21.95	60.39	-7.81	68.20	Peak

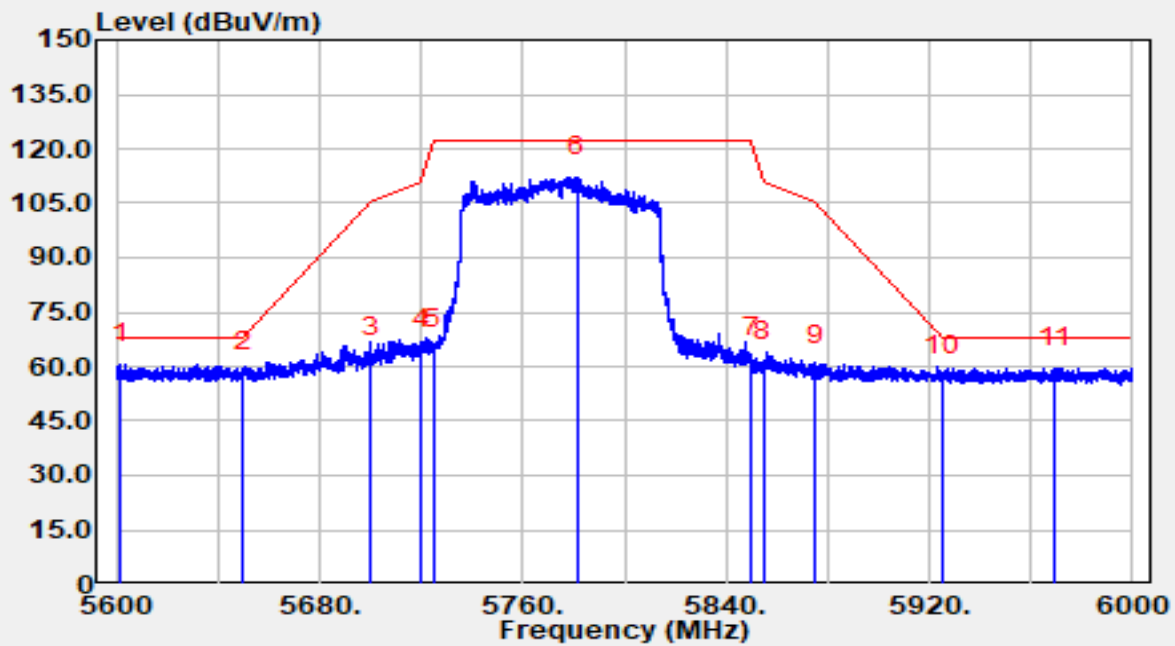
Notes:

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

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

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

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5.8G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE80 at 5775MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5601.80	40.41	20.37	60.78	-7.42	68.20	Peak
2		5650.00	37.97	20.63	58.60	-9.60	68.20	Peak
3		5700.00	41.68	21.09	62.77	-42.43	105.20	Peak
4		5720.00	43.28	21.36	64.64	-46.16	110.80	Peak
5		5725.00	43.34	21.34	64.68	-57.52	122.20	Peak
6		5781.60	91.00	21.32	112.32	N/A	N/A	Peak
7		5850.00	41.02	21.33	62.35	-59.85	122.20	Peak
8		5855.00	40.13	21.33	61.45	-49.35	110.80	Peak
9		5875.00	38.83	21.59	60.42	-44.78	105.20	Peak
10		5925.00	36.13	21.49	57.62	-10.58	68.20	Peak
11		5969.72	37.84	21.87	59.72	-8.48	68.20	Peak

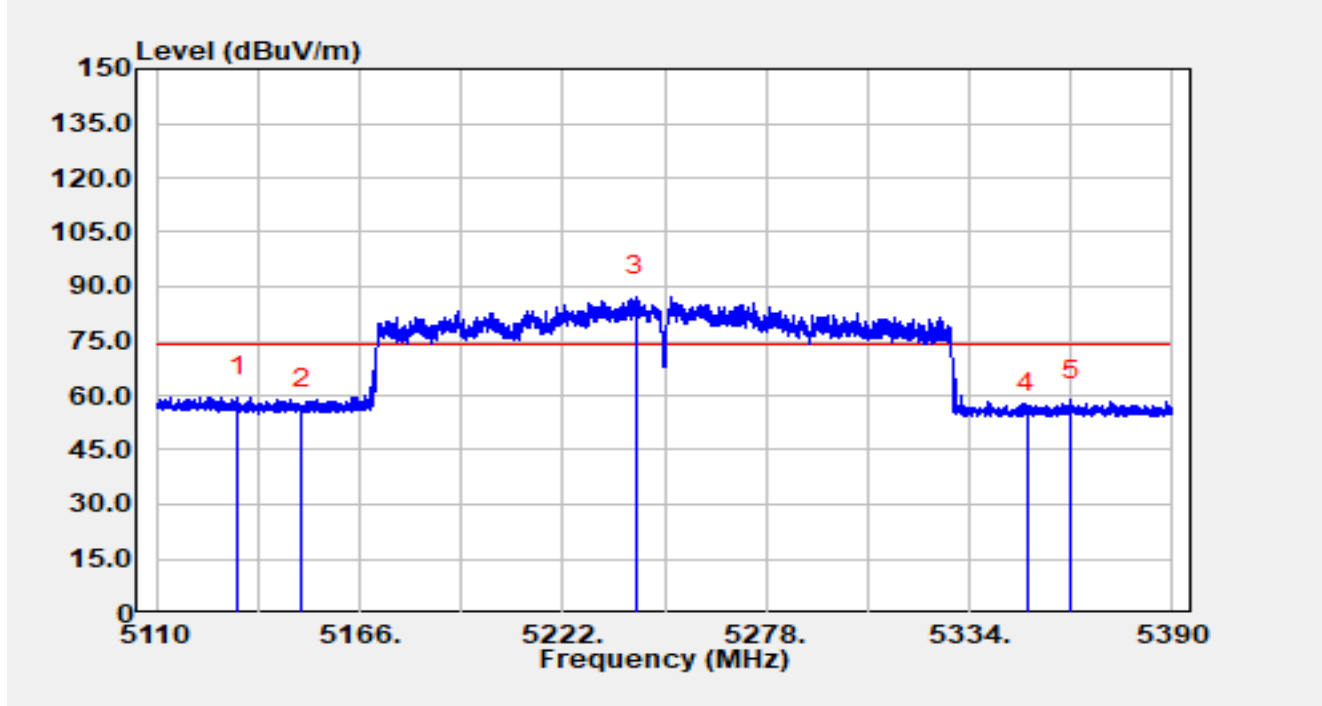
Notes:

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

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

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

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE160 at 5250MHz		

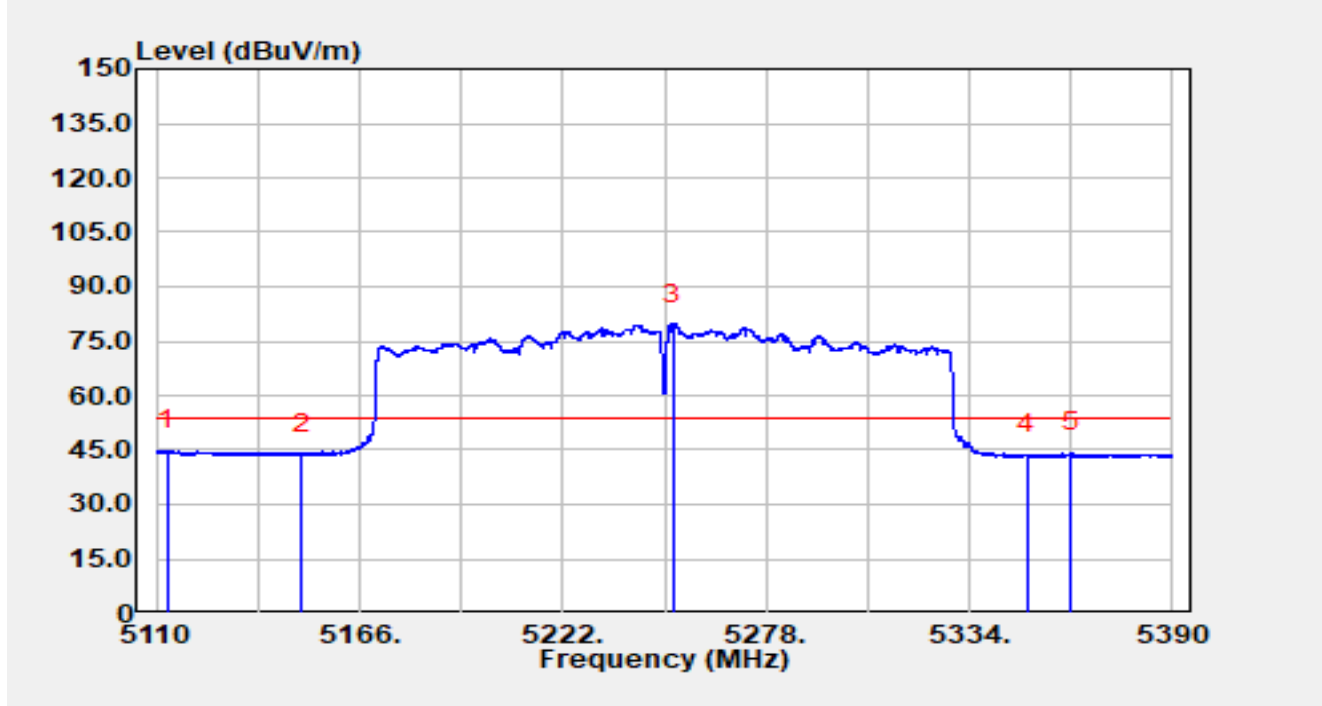


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5132.51	40.21	19.49	59.70	-14.30	74.00	Peak
2		5150.00	37.03	19.43	56.46	-17.54	74.00	Peak
3		5242.19	68.03	19.19	87.22	N/A	N/A	Peak
4		5350.00	35.48	19.85	55.33	-18.67	74.00	Peak
5		5362.11	38.89	19.90	58.79	-15.21	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) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE160 at 5250MHz		

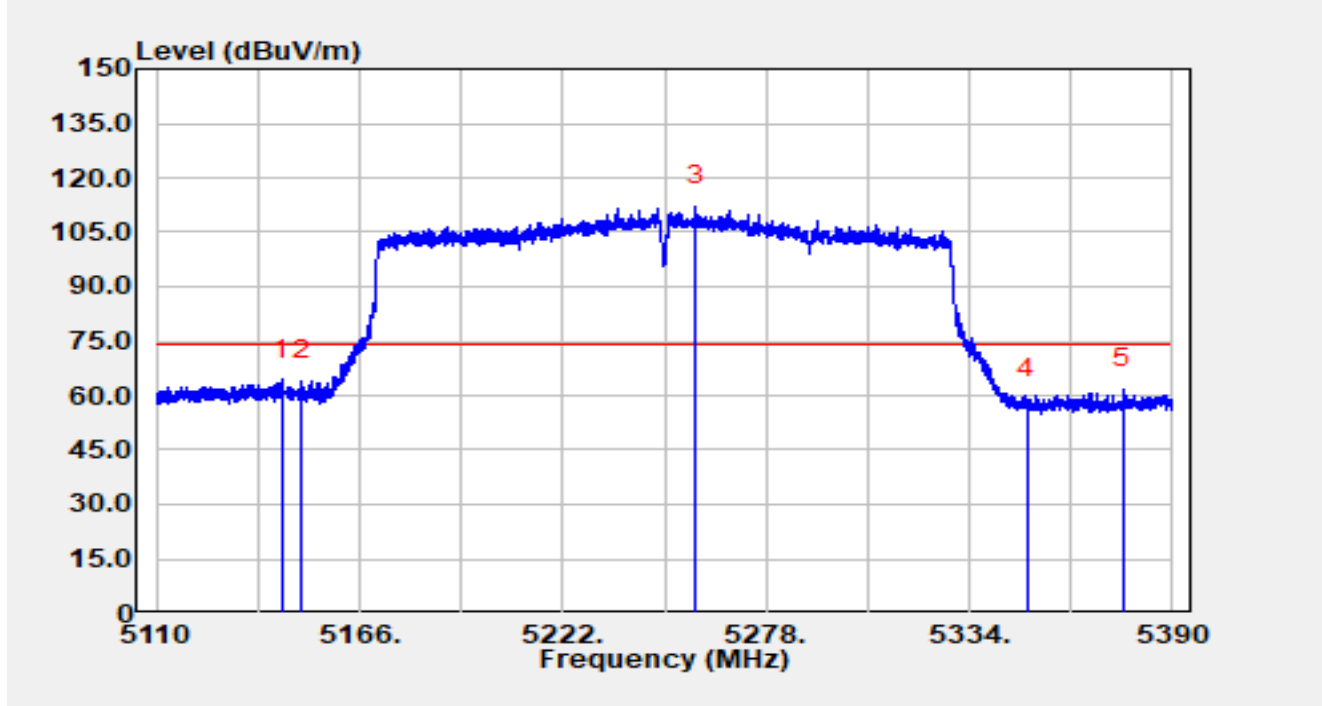


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5113.00	25.03	19.79	44.82	-9.18	54.00	Average
2		5150.00	24.43	19.43	43.86	-10.14	54.00	Average
3		5252.46	60.24	19.36	79.60	N/A	N/A	Average
4		5350.00	23.76	19.85	43.61	-10.39	54.00	Average
5		5362.22	24.37	19.90	44.27	-9.73	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) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE160 at 5250MHz		

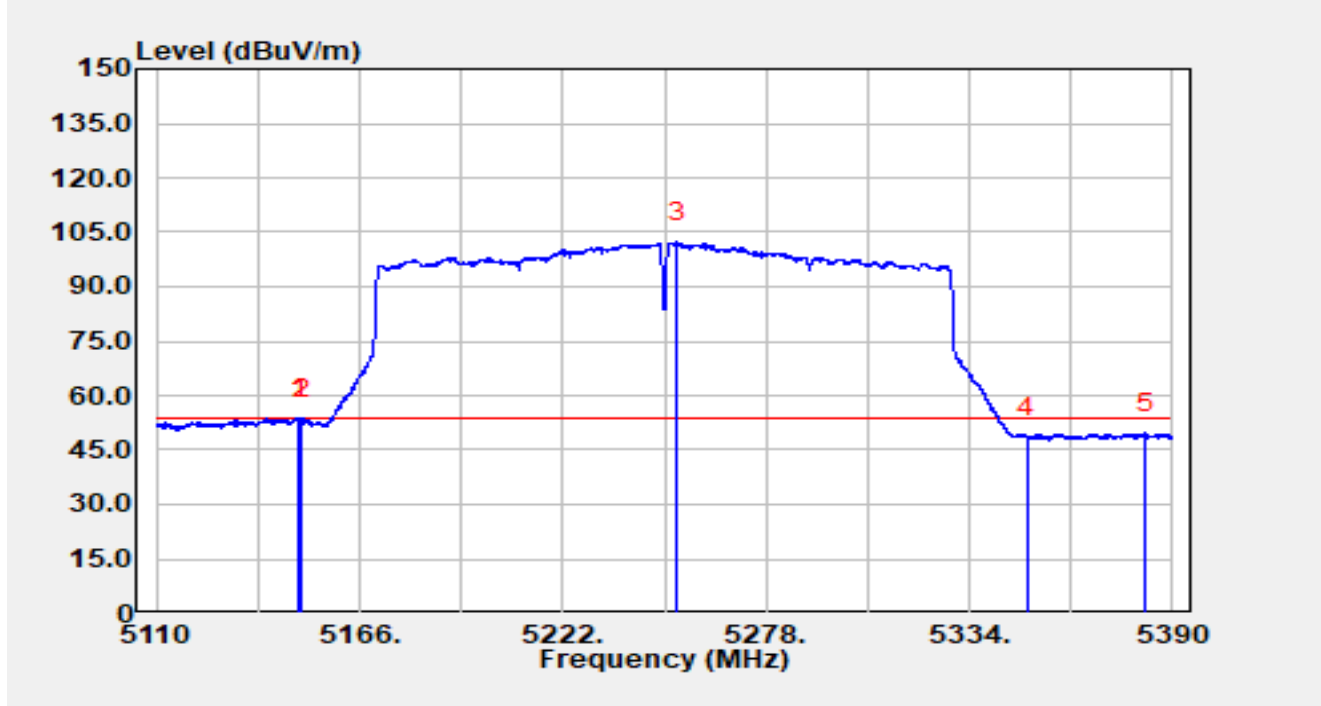


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5144.44	44.85	19.44	64.29	-9.71	74.00	Peak
2		5150.00	44.56	19.43	63.99	-10.01	74.00	Peak
3		5258.57	92.68	19.46	112.14	N/A	N/A	Peak
4		5350.00	39.17	19.85	59.02	-14.98	74.00	Peak
5		5376.45	41.96	19.94	61.90	-12.10	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) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE160 at 5250MHz		

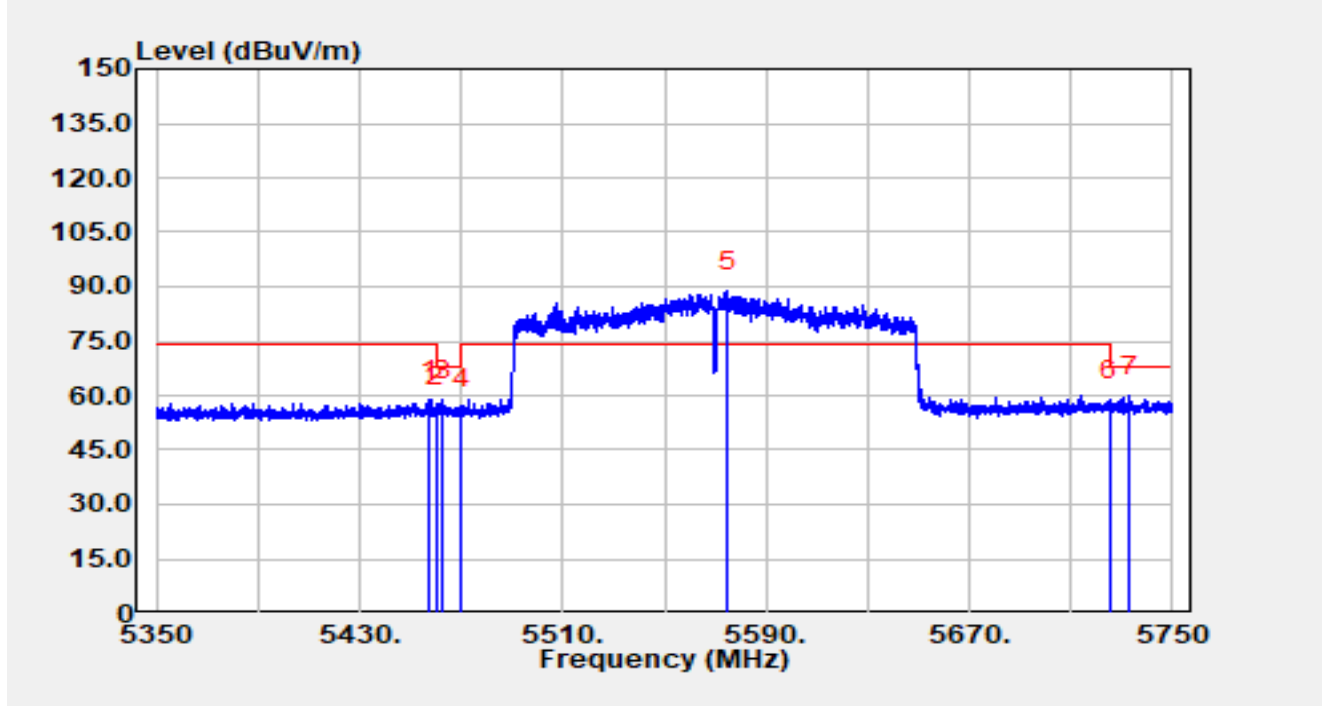


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5149.40	34.34	19.43	53.77	-0.23	54.00	Average
2		5150.00	33.79	19.43	53.22	-0.78	54.00	Average
3		5253.42	82.85	19.38	102.23	N/A	N/A	Average
4		5350.00	28.73	19.85	48.58	-5.42	54.00	Average
5		5382.50	29.64	19.93	49.57	-4.43	54.00	Average

Notes:

- "*", means this data is the worst emission level.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE160 at 5570MHz		

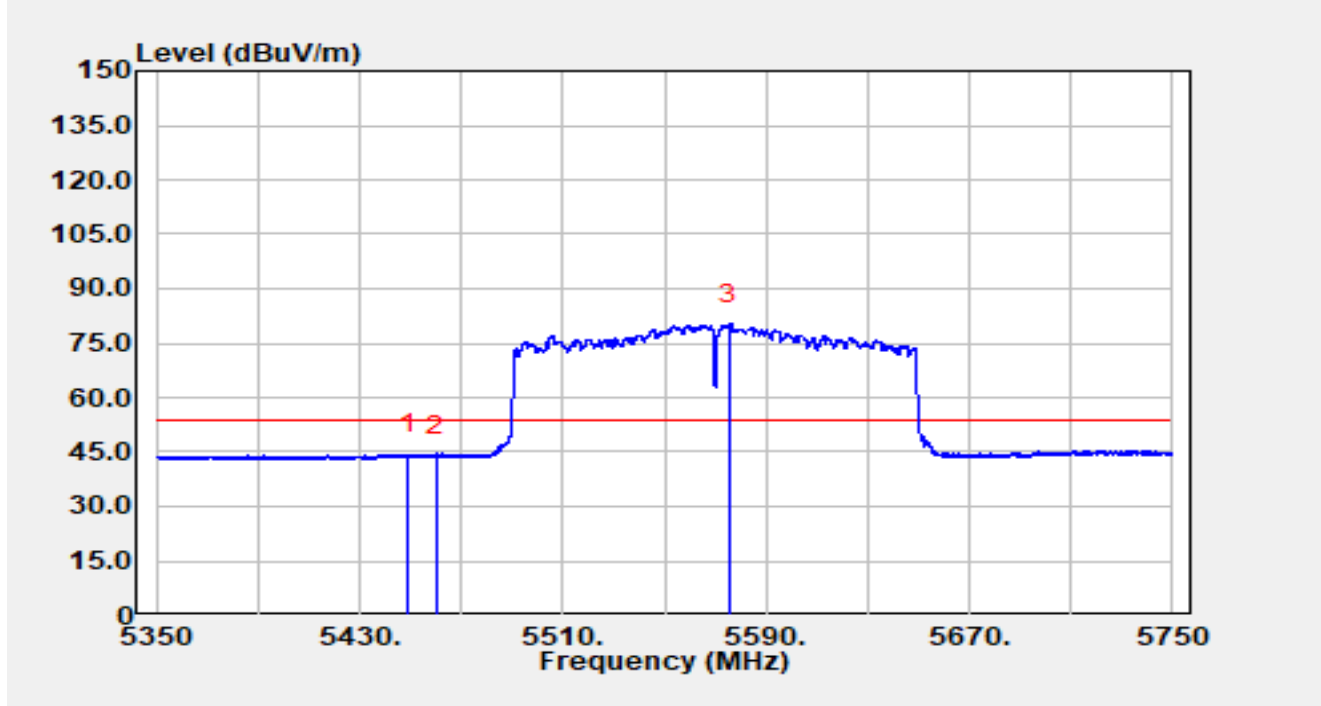


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5457.76	38.62	20.14	58.76	-15.24	74.00	Peak
2		5460.00	36.55	20.15	56.69	-11.51	68.20	Peak
3		5462.92	38.56	20.13	58.69	-9.51	68.20	Peak
4		5470.00	36.54	20.03	56.57	-11.63	68.20	Peak
5		5574.76	68.64	20.11	88.75	N/A	N/A	Peak
6		5725.00	37.03	21.34	58.37	-9.83	68.20	Peak
7	*	5733.08	38.44	21.30	59.74	-8.46	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Horizontal
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE160 at 5570MHz		

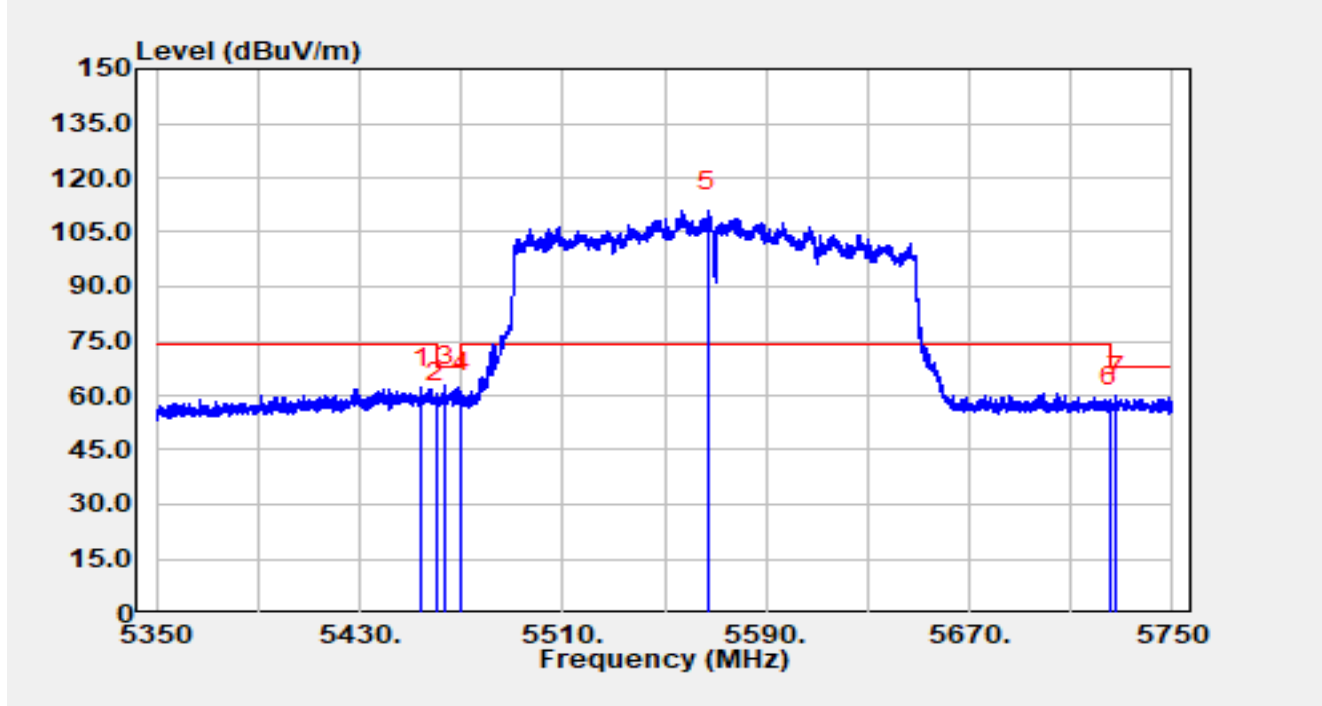


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5448.92	24.09	20.11	44.21	-9.79	54.00	Average
2		5460.00	23.76	20.15	43.91	-10.09	54.00	Average
3		5575.28	60.21	20.11	80.32	N/A	N/A	Average

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE160 at 5570MHz		

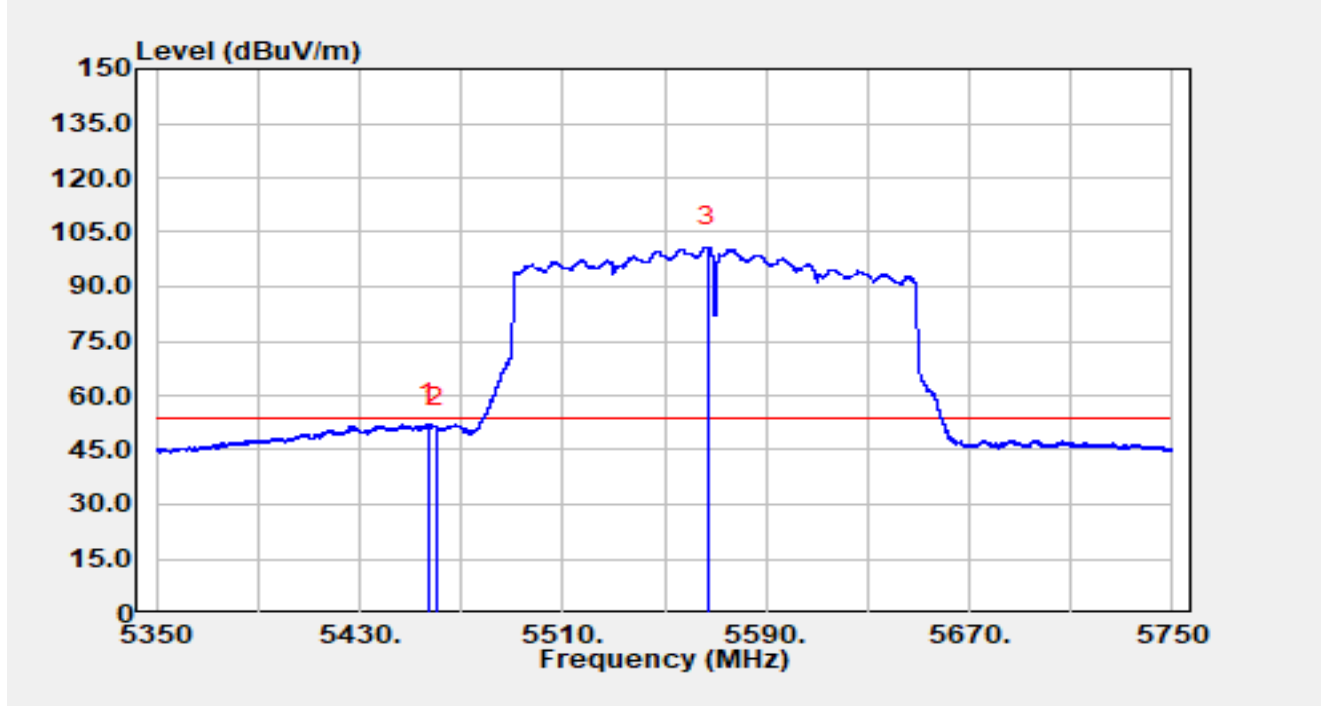


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		5454.16	41.91	20.13	62.04	-11.96	74.00	Peak
2		5460.00	37.95	20.15	58.10	-10.10	68.20	Peak
3	*	5463.80	42.69	20.11	62.81	-5.39	68.20	Peak
4		5470.00	40.91	20.03	60.94	-7.26	68.20	Peak
5		5567.12	90.76	20.14	110.91	N/A	N/A	Peak
6		5725.00	35.27	21.34	56.61	-11.59	68.20	Peak
7		5728.00	38.54	21.33	59.87	-8.33	68.20	Peak

Notes:

1. " * ", means this data is the worst emission level.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-04-25
Temperature	25.5 °C	Humidity	49.1 %
Limit	FCC_5G_RE (3m)	Test Engineer	Lucas Wang
Factor	BBHA 9120D_01457	Polarity	Vertical
EUT	AX3000 High Power Gigabit Wi-Fi 6 Router	Test Voltage	AC 120V/50Hz
Test Mode	Transmit by 802.11ax-HE160 at 5570MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	5457.12	32.12	20.14	52.26	-1.74	54.00	Average
2		5460.00	31.19	20.15	51.34	-2.66	54.00	Average
3		5567.00	80.86	20.14	101.00	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) + Attenuation (dB) - AMP (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
