



RF MEASUREMENT REPORT

FCC ID: 2AU47-00007
Applicant: Tonies US, Inc.
Product: Toniebox 2 Generation 2
Model No.: 10007
Brand Name: Tonies
FCC Classification: Digital Transmission System (DTS)
FCC Rule Part(s): Part 15 Subpart C (Section 15.247)
Result: Complies
Received Date: 2025-12-09
Test Date: 2025-12-15 ~ 2025-12-29

Reviewed By:

Denise Zhou

Denise Zhou

Approved By:

Robin Wu

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. Testing was performed in accordance with the applicable measurement procedures. The test results reported herein apply only to the specific 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
R25S1018125-U203	V01	Initial Report	2026-03-13	Valid

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1. General Information

1.1. Applicant

Tonies US, Inc.

3000 El Camino Real, Building 4, Suite 200, Palo Alto, CA 94306, USA

1.2. Manufacturer

Tonies US, Inc.

3000 El Camino Real, Building 4, Suite 200, Palo Alto, CA 94306, USA

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 FCC: CN1166	CNAS: L10551 ISED: CN0001
☐	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 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	Toniebox 2 Generation 2
Model No.	10007
EUT Identification No.	20251209Sample#03 (Conducted) 20251209Sample#02 (Radiated)
HW Version	VP1_0
SW Version	Realtek-MP Driver
Wi-Fi Specification	802.11a/b/g/n/ac
Bluetooth Specification	Dual Mode, BR/EDR & BLE
NFC Specification	13.56 MHz
Antenna Specification	Refer to clause 1.7
Operating Temperature	5 ~ 35 °C
Power Type	By Battery
Accessory(ies)	
Rechargeable Li-ion Battery#1	Model No.: ITR26700 Nominal Voltage: 3.2 V Rated Capacity: 4000 mAh Limited Charge Voltage: 3.65 V Manufacturer: Shenzhen EPT Battery Co., Ltd.
Rechargeable Li-ion Battery#2	Model No.: C1752A1-IFR26700-1S1P Nominal Voltage: 3.2 V Rated Capacity: 3870 mAh Limited Charge Voltage: 3.65 V Manufacturer: Guangdong Pow-Tech New Power Co., Ltd.
Note: The information of the EUT (Equipment Under Test) was provided by the manufacturer. The accuracy, completeness, and validity of the information are solely the responsibility of the manufacturer.	

1.5. Radio Specification under Test

Frequency Range	2400 ~ 2483.5 MHz	
Channel Number	802.11b/g/n-HT20: 11	
Type of Modulation	802.11b: DSSS 802.11g/n: OFDM	
Data Rate	802.11b: 1/2/5.5/11 Mbps 802.11g: 6/9/12/18/24/36/48/54 Mbps 802.11n: up to 72.2 Mbps	
Channel Puncturing Function	☐ Supported	☒ Unsupported
Support RU	☒ Full RU	☐ Partial RU

1.6. Working Frequencies

802.11b/g/n-HT20

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

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	Antenna Gain (dBi)
PCB Antenna	2400 ~ 2500	2.26
	5150 ~ 5250	2.53
	5250 ~ 5350	3.10
	5470 ~ 5725	3.85
	5725 ~ 5850	4.12
Note: All antenna information is provided by the manufacturer.		

2. Test Configuration

2.1. Test Mode

Mode 1: Transmit by 802.11b (1 Mbps)
Mode 2: Transmit by 802.11g (6 Mbps)
Mode 3: Transmit by 802.11n-HT20 (MCS0)
Note: All modes of operation and data rates were investigated, so all RF test requirements shall be executed at the worst data rate which power is the greatest.

2.2. Test System Connection Diagram

The device was tested per the guidance ANSI C63.10-2020 was used to reference the appropriate EUT setup for radiated emissions testing and AC conducted emissions testing.

Connection Diagram - Radiated Emission testing & AC Conducted Emissions			
Cable Type	Cable Description		Length
A	Power Cable	Non shielded	0.2 m
B	USB Cable	Shielded	1.4 m
Product	Manufacturer		Model No.
1	Adapter	tonies GmbH	51009422
2	Notebook	DELL	DELL Inspiron 5359

2.3. Test Software

The test utility software used during testing was “AmebaSmart_mptool”, and the version was 10V0.

Final power setting please refer to operational description.

2.4. Applied Standards

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

- FCC Part 15.247
- KDB 558074 D01 v05r02
- KDB 662911 D01 v02r01
- ANSI C63.10-2020
- ANSI C63.10-2020/Cor1-2023
- ANSI C63.10a-2024

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 Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Thermohygrometer	testo	608-H1	MRTSUE11039	1 year	2026-10-08	WZ-AC1
Anechoic Chamber	TDK	WZ-AC1	MRTSUE06212	1 year	2026-04-17	WZ-AC1
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06023	1 year	2026-07-19	WZ-AC1
Preamplifier	Agilent	83017A	MRTSUE06076	1 year	2026-11-06	WZ-AC1
EMI Test Receiver	Agilent	N9038A	MRTSUE06125	1 year	2026-04-26	WZ-AC1
Thermohygrometer	testo	608-H1	MRTSUE11263	1 year	2026-10-08	WZ-AC2
Anechoic Chamber	RIKEN	WZ-AC2	MRTSUE06213	1 year	2026-04-17	WZ-AC2
TRILOG Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2026-03-22	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06171	1 year	2026-09-12	WZ-AC2
Preamplifier	Schwarzbeck	BBV 9718	MRTSUE06176	1 year	2026-03-18	WZ-AC2
EMI Test Receiver	Agilent	N9038A	MRTSUE06125	1 year	2026-04-26	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06597	1 year	2026-11-02	WZ-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06640	1 year	2026-01-09	WZ-AC2
Signal Analyzer	Keysight	N9010B	MRTSUE06607	1 year	2026-09-28	WZ-AC2
Loop Antenna	Schwarzbeck	FMZB 1519 B	MRTSUE06937	1 year	2026-01-04	WZ-AC2
Shielding Room	HUAMING	WZ-SR6	MRTSUE06443	N/A	N/A	WZ-SR6
Thermohygrometer	testo	608-H1	MRTSUE06362	1 year	2026-01-23	WZ-SR6
Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2026-04-26	WZ-SR6
USB Power Sensor	Keysight	U2021XA	MRTSUE06447	1 year	2026-06-17	WZ-SR6
Attenuator	MVE	MVE2213	MRTSUE11091	1 year	2026-06-02	WZ-SR6
RF Cable	UCwave	UCE500	MRTSUE07373	1 year	2026-07-20	WZ-SR6
Two-Line V-Network	R&S	ENV216	MRTSUE06002	1 year	2026-04-26	WZ-SR2
Shielding Room	MIX-BEP	WZ-SR2	MRTSUE06215	5 years	2026-12-20	WZ-SR2
Thermohygrometer	testo	608-H1	MRTSUE06404	1 year	2026-04-24	WZ-SR2
EMI Test Receiver	R&S	ESR3	MRTSUE06909	1 year	2026-08-31	WZ-SR2

Software	Version	Function
e3	230711	RE & CE
Controller_MF 7802	2.03C	RE Antenna & Turntable
Controller_MF 7802	1.02	RE Antenna & Turntable
Agilent Power Panel	V 3.9	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:	
9 kHz ~ 150 kHz:	3.59 dB
150 kHz ~ 30 MHz:	3.20 dB
Radiated Emission Measurement	
The maximum measurement uncertainty is evaluated as:	
Coaxial:	9 kHz ~ 30 MHz: 2.56 dB
Coplanar:	9 kHz ~ 30 MHz: 2.55 dB
Horizontal:	30 MHz ~ 200 MHz: 3.48 dB
	200 MHz ~ 1 GHz: 4.17 dB
	1 GHz ~ 40 GHz: 5.01 dB
Vertical:	30 MHz ~ 200 MHz: 4.09 dB
	200 MHz ~ 1 GHz: 5.30 dB
	1 GHz ~ 40 GHz: 4.85 dB
Spurious Emissions, Conducted	
Measuring Uncertainty for a Level of Confidence of 95% ($U=2 U_c(y)$): 2.9 dB	
Output Power	
Measuring Uncertainty for a Level of Confidence of 95% ($U=2 U_c(y)$): 1.4 dB	
Power Spectrum Density	
Measuring Uncertainty for a Level of Confidence of 95% ($U=2 U_c(y)$): 2.9 dB	
Occupied Bandwidth	
Measuring Uncertainty for a Level of Confidence of 95% ($U=2 U_c(y)$): 2.6%	

6. Test Result

6.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
15.247(a)(2)	6 dB Bandwidth	Conducted	Pass
15.247(b)(3)	Output Power		Pass
15.247(e)	Power Spectral Density		Pass
15.247(d)	Band Edge / Out-of-Band Emissions		Pass
15.205 15.209	General Field Strength (Restricted Bands and Radiated Emissions)	Radiated	Pass
15.207	AC Conducted Emissions 150 kHz - 30 MHz	Line Conducted	Pass

Notes:

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

6.2. 6 dB Bandwidth Measurement

6.2.1. Test Limit

The minimum 6 dB bandwidth shall be at least 500 kHz.

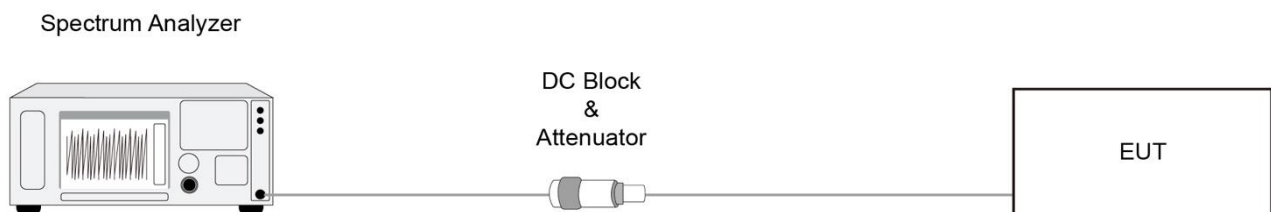
6.2.2. Test Procedure

ANSI C63.10-2020 - Section 11.8

6.2.3. Test Setting

1. The Spectrum's automatic bandwidth measurement capability was used to perform the 6 dB bandwidth measurement. The "X" dB bandwidth parameter was set to $X = 6$. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 1% to 5% of the OBW, but not less than 100 kHz
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = Max hold
6. Sweep = Auto couple
7. Allow the trace to stabilize

6.2.4. Test Setup



6.2.5. Test Result

Refer to Appendix A.2.

6.3. Output Power Measurement

6.3.1. Test Limit

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

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

6.3.2. Test Procedure

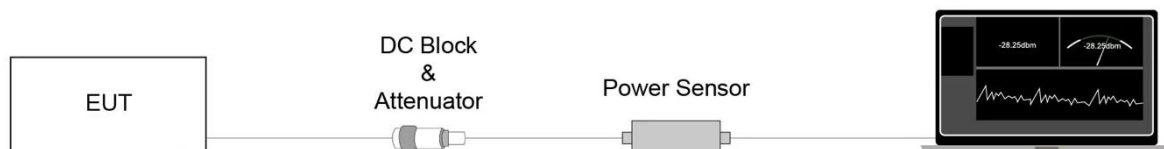
ANSI C63.10-2020 - Section 11.9.2.3.2

6.3.3. 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.

6.3.4. Test Setup



6.3.5. Test Result

Refer to Appendix A.3.

6.4. Power Spectral Density Measurement

6.4.1. Test Limit

The maximum permissible power spectral density is 8 dBm in any 3 kHz band.

The same method of determining the conducted output power shall be used to determine the power spectral density.

6.4.2. Test Procedure

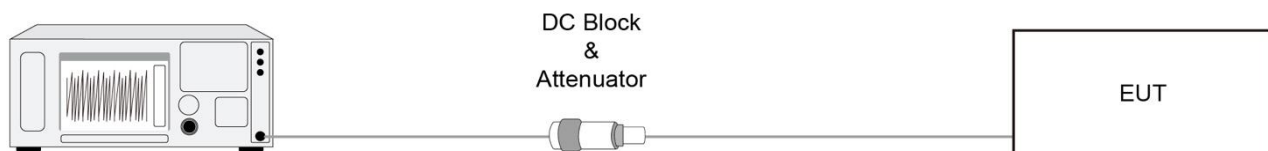
ANSI C63.10-2020 - Section 11.10.5

6.4.3. Test Setting

1. Measure the duty cycle (x) of the transmitter output signal
2. Set instrument center frequency to DTS channel center frequency
3. Span > 1.5 times the OBW
4. RBW = 10 kHz
5. VBW $\geq 3 \times$ RBW
6. Detector = RMS
7. Ensure that the number of measurement points in the sweep $\geq 2 \times$ Span/RBW
8. Sweep time = Auto couple
9. Don't use sweep triggering; Allow sweep to "free run".
10. Employ trace averaging (RMS) mode over a minimum of 100 traces
11. Use the peak marker function to determine the maximum amplitude level
12. If duty cycle < 98%, add $10\log(1/x)$, where x is the duty cycle measured in step 1, to the measured PSD to compute the average PSD during the actual transmission time. If duty cycle $\geq 98\%$, no need to add $10\log(1/x)$.
13. If measured value exceeds requirement specified by regulatory agency, then reduce RBW (but no less than 3 kHz) and repeat (note that this may require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).

6.4.4. Test Setup

Spectrum Analyzer



6.4.5. Test Result

Refer to Appendix A.4.

6.5. Conducted Band Edge and Out-of-Band Emissions Measurement

6.5.1. Test Limit

The limit for out-of-band spurious emissions at the band edge is 30 dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

6.5.2. Test Procedure

ANSI C63.10-2020 - Section 11.11

6.5.3. Test Setting

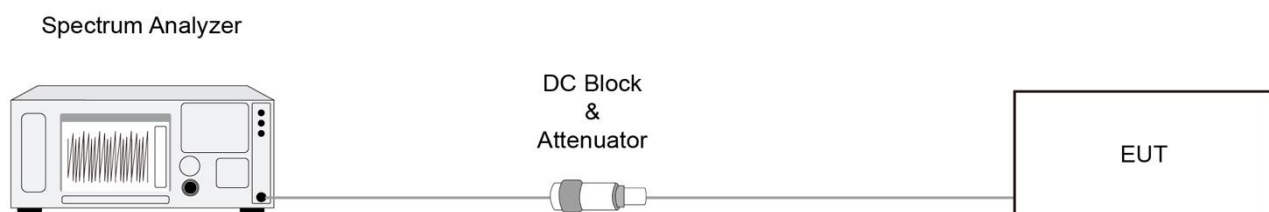
Reference level measurement

1. Set instrument center frequency to DTS channel center frequency
2. Span ≥ 1.5 times the DTS bandwidth
3. RBW = 100 kHz
4. VBW $\geq 3 \times$ RBW
5. Detector = Peak
6. Sweep time = Auto couple
7. Trace mode = Max hold
8. Allow trace to fully stabilize

Emission level measurement

1. Set the center frequency and span to encompass frequency range to be measured
2. RBW = 100 kHz
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = Max hold
6. Sweep time = Auto couple
7. The trace was allowed to stabilize

6.5.4. Test Setup



6.5.5. Test Result

Refer to Appendix A.5.

6.6. Radiated Spurious Emissions Measurement

6.6.1. Test Limit

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [$\mu\text{V/m}$]	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

6.6.2. Test Procedure

ANSI C63.10-2020 - Section 11.11 & 11.12

ANSI C63.10-2020 - Section 6.3 (General Requirements)

ANSI C63.10-2020 - Section 6.4 (Standard test method below 30 MHz)

ANSI C63.10-2020 - Section 6.5 (Standard test method above 30 MHz to 1 GHz)

ANSI C63.10-2020 - Section 6.6 (Standard test method above 1 GHz)

6.6.3. Test Setting

Table 1 - RBW as a function of frequency

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

Quasi-Peak Measurements below 1 GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1 MHz
3. RBW = as specified in Table 1
4. $VBW \geq 3 \times RBW$
5. Detector = CISPR quasi-peak
6. Sweep time = Auto couple
7. Trace was allowed to stabilize

Peak Measurements above 1 GHz

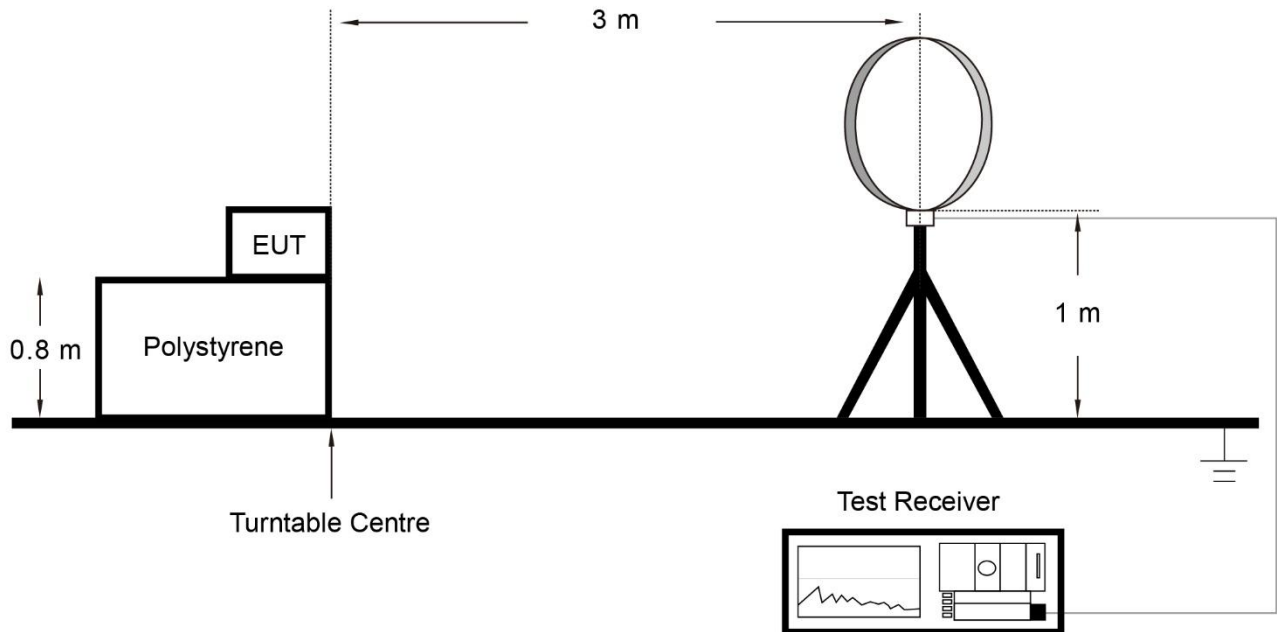
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
3. $VBW \geq 3 \times RBW$
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

Average Measurements above 1 GHz (Method VB)

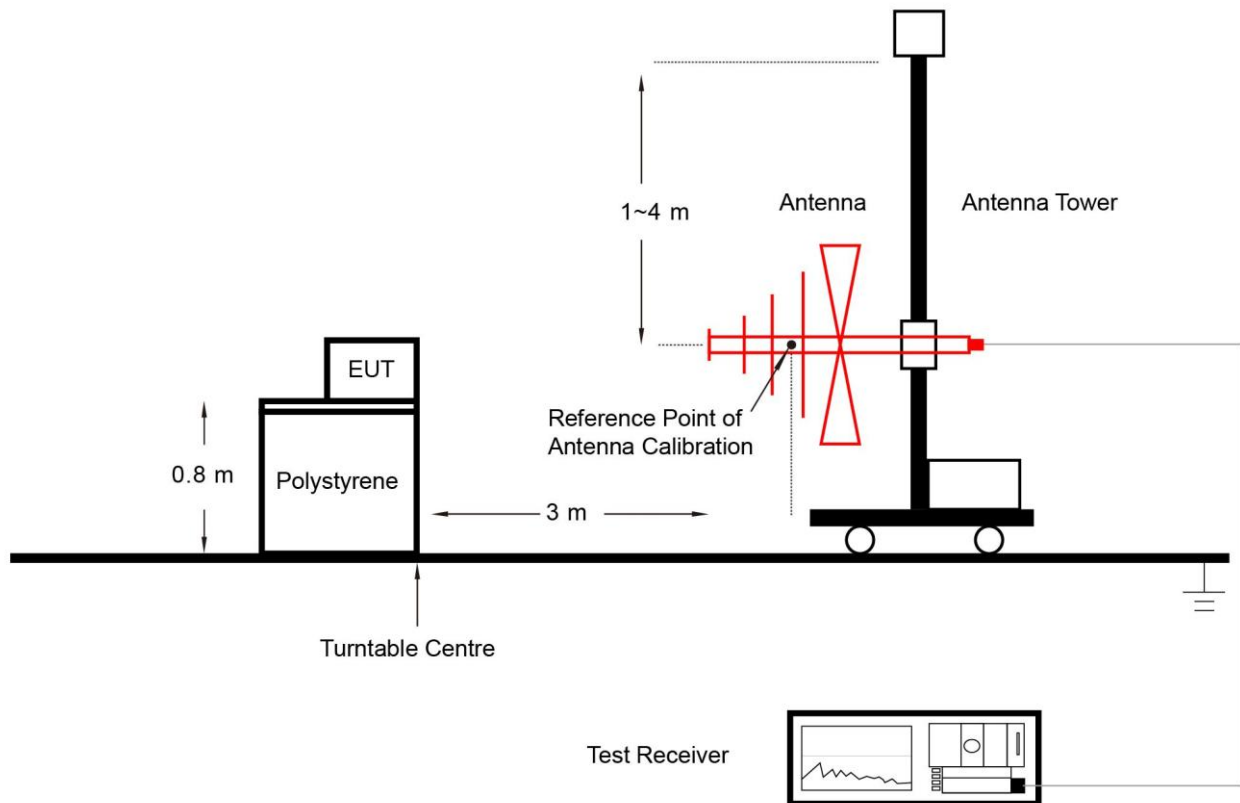
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
3. VBW; if the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz
If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.
4. 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

6.6.4. Test Setup

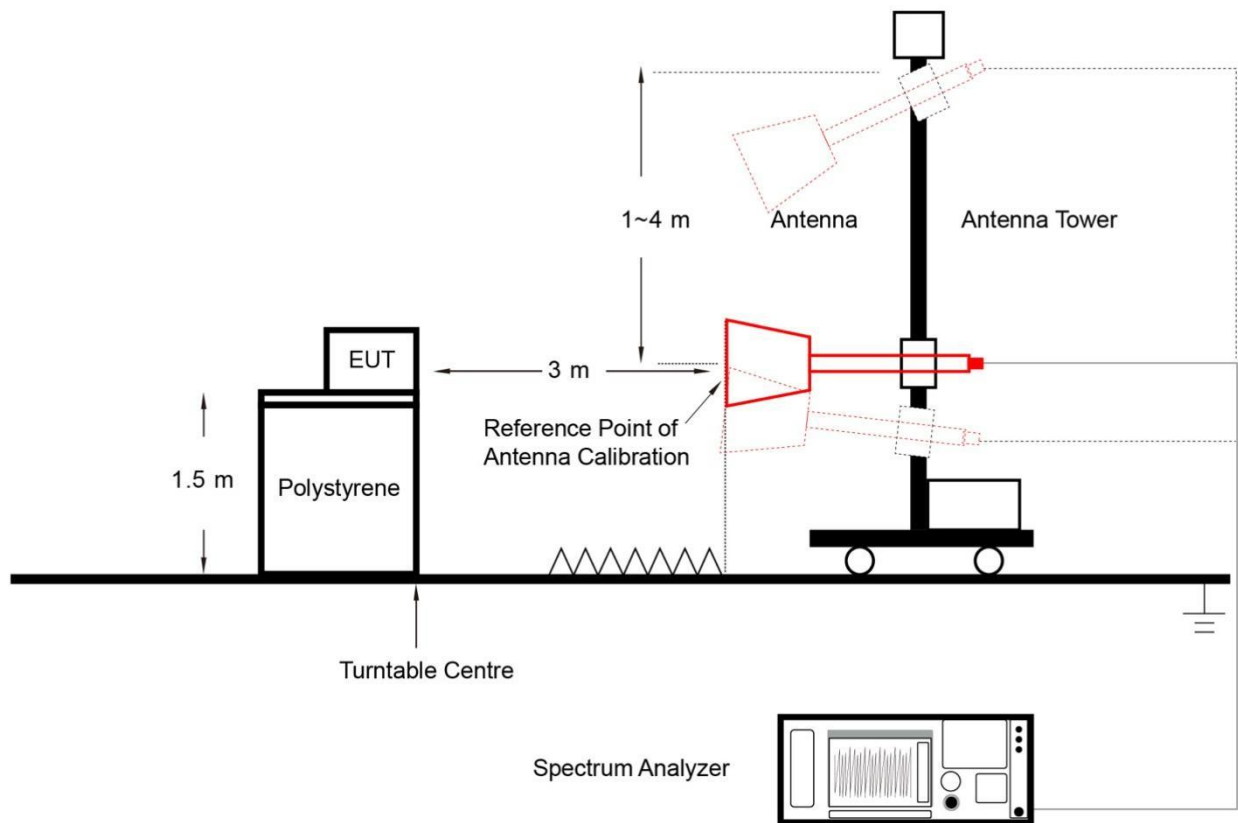
Below 30 MHz Test Setup:



Below 1 GHz Test Setup:



Above 1 GHz Test Setup:



6.6.5. Test Result

Refer to Appendix A.6.

6.7. Radiated Restricted Band Edge Measurement

6.7.1. Test Limit

For 15.205 requirement:

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

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 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 [$\mu\text{V/m}$]	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

6.7.2. Test Procedure

ANSI C63.10-2020 - Section 6.3 & 6.6 & 11.12

6.7.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

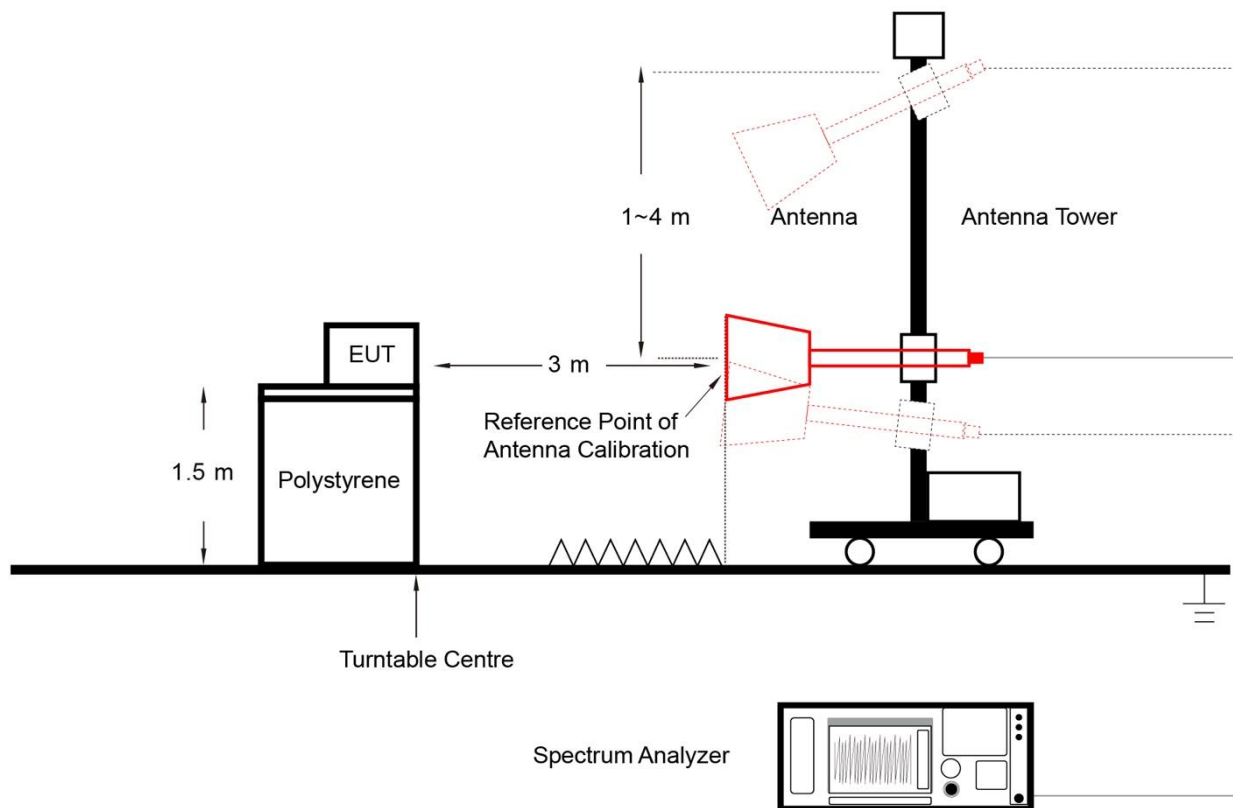
Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
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 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

6.7.4. Test Setup



6.7.5. Test Result

Refer to Appendix A.7.

6.8. AC Conducted Emissions Measurement

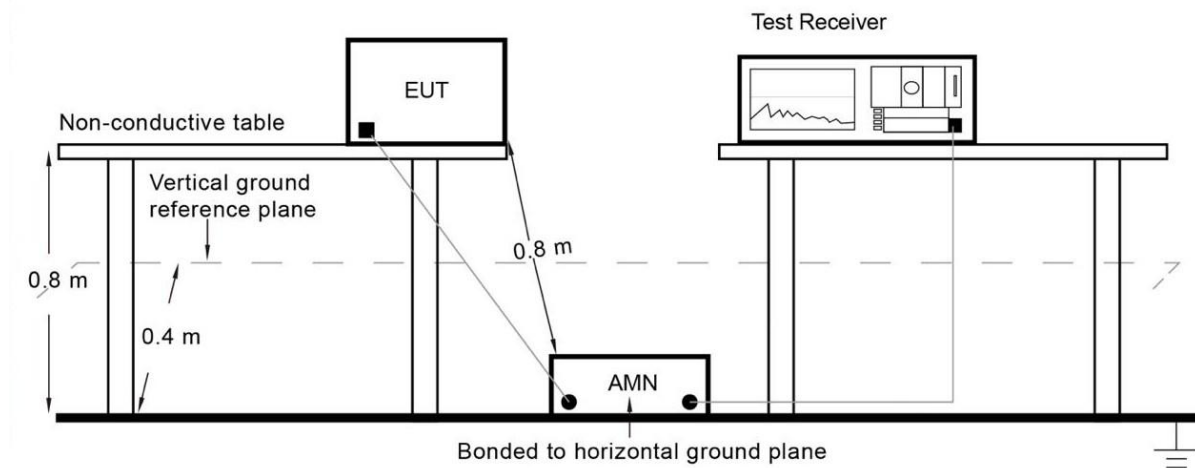
6.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

6.8.2. Test Setup



6.8.3. Test Result

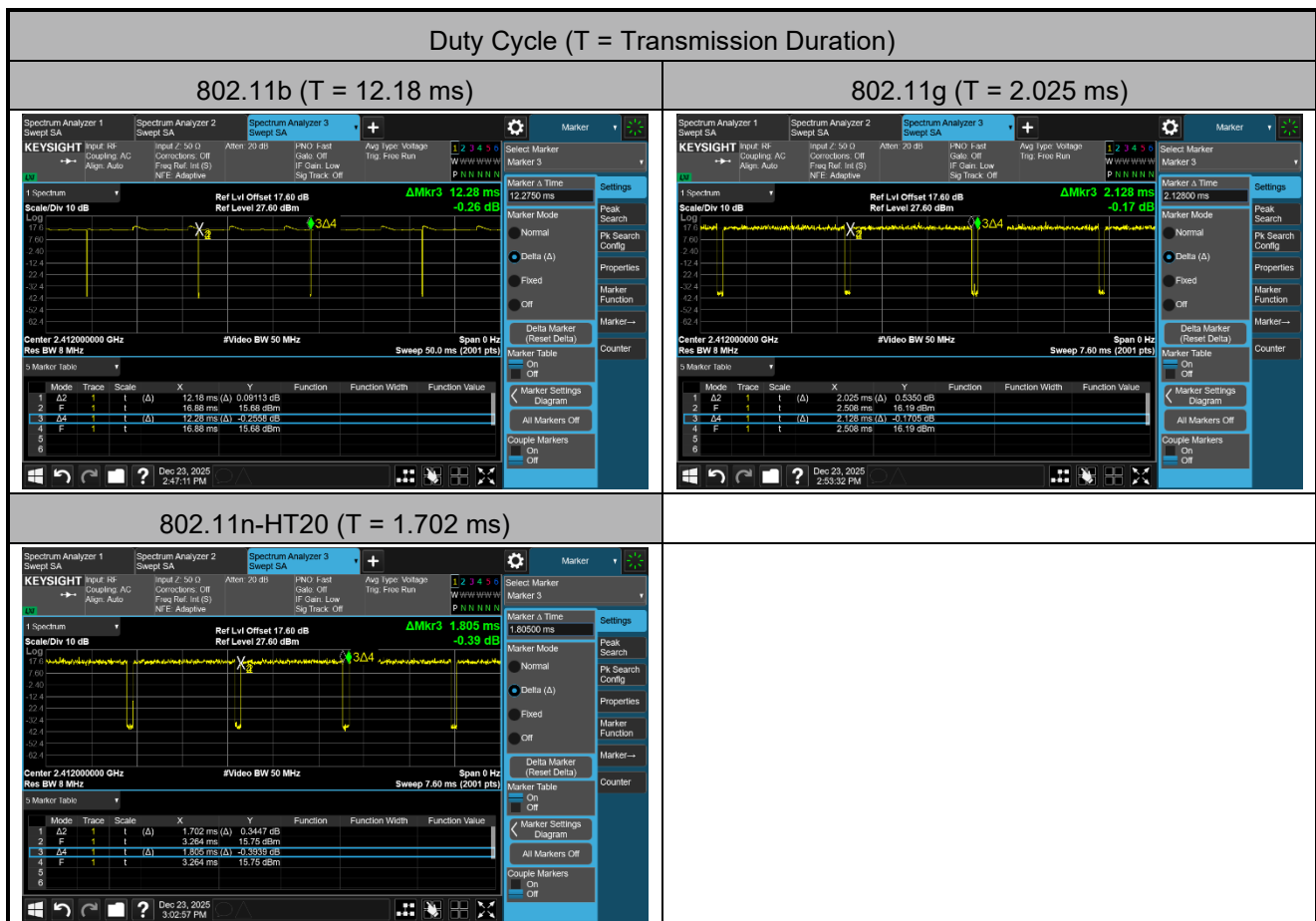
Refer to Appendix A.8.

Appendix A - Test Result

A.1 Duty Cycle Test Result

Test Site	WZ-SR6	Test Engineer	Herman Liu
Test Date	2025-12-23		

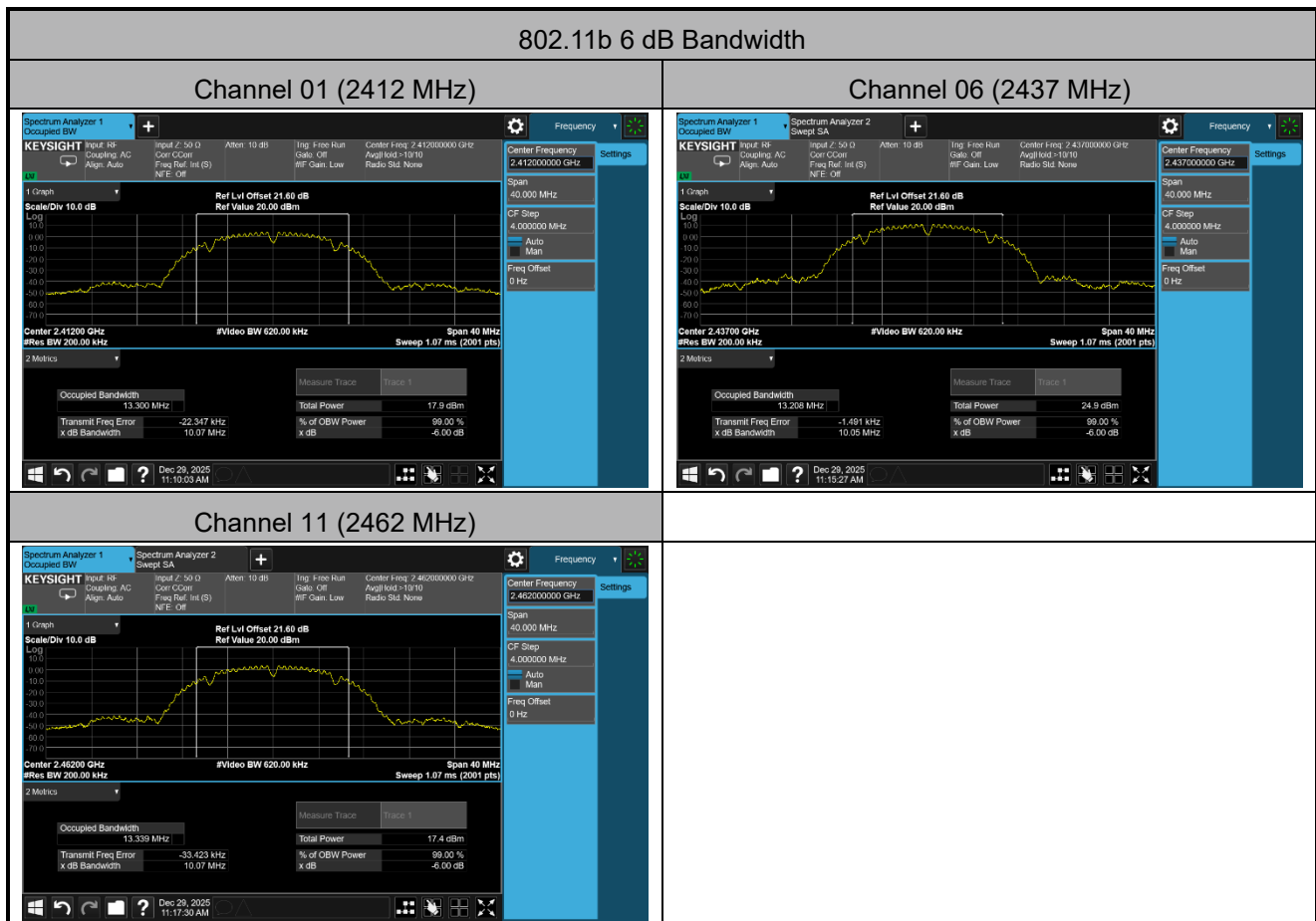
Test Mode	Duty Cycle
802.11b	99.19%
802.11g	95.16%
802.11n-HT20	94.29%



A.2 6 dB Bandwidth Test Result

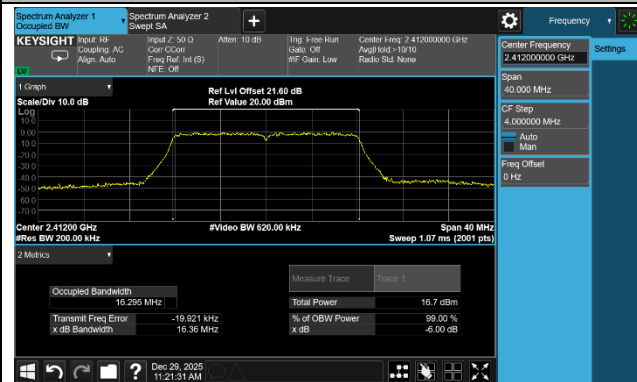
Test Site	WZ-SR6	Test Engineer	Herman Liu
Test Date	2025-12-29		

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)
11b	1 Mbps	01	2412	10.07	≥ 0.5
11b	1 Mbps	06	2437	10.05	≥ 0.5
11b	1 Mbps	11	2462	10.07	≥ 0.5
11g	6 Mbps	01	2412	16.36	≥ 0.5
11g	6 Mbps	06	2437	16.36	≥ 0.5
11g	6 Mbps	11	2462	16.36	≥ 0.5
11n-HT20	MCS0	01	2412	17.52	≥ 0.5
11n-HT20	MCS0	06	2437	17.50	≥ 0.5
11n-HT20	MCS0	11	2462	17.52	≥ 0.5

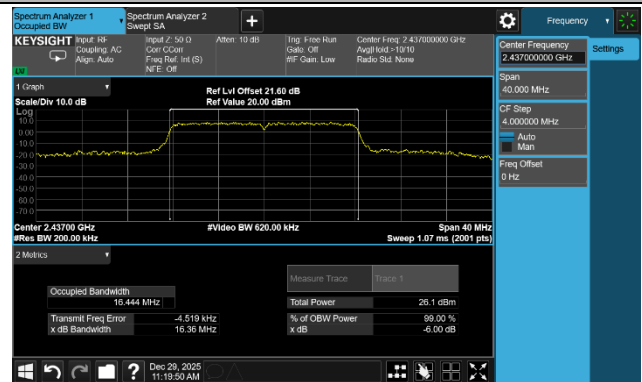


802.11g 6 dB Bandwidth

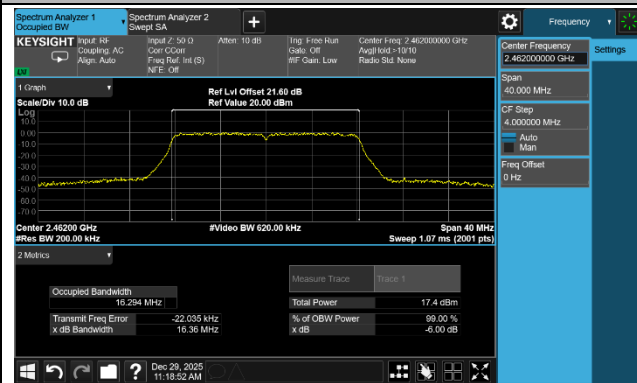
Channel 01 (2412 MHz)



Channel 06 (2437 MHz)

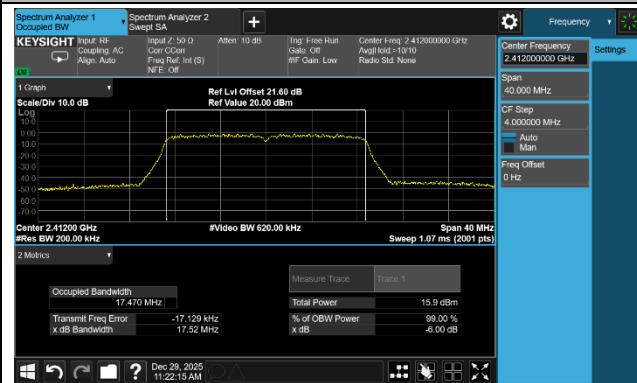


Channel 11 (2462 MHz)

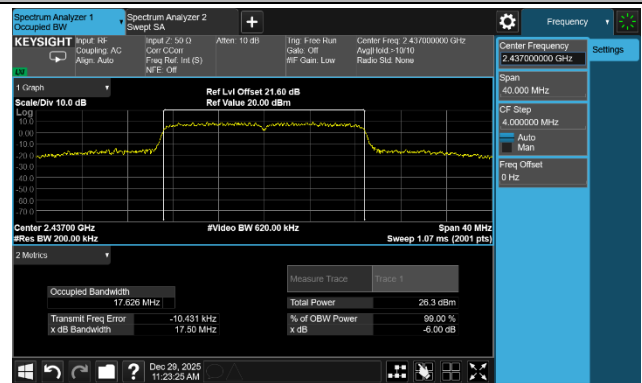


802.11n-HT20 6 dB Bandwidth

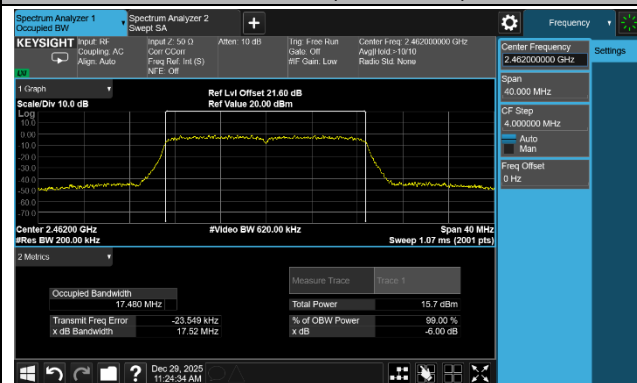
Channel 01 (2412 MHz)



Channel 06 (2437 MHz)



Channel 11 (2462 MHz)



A.3 Output Power Test Result

Test Site	WZ-SR6	Test Engineer	Herman Liu
Test Date	2025-12-26		

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Average Power (dBm)	Limit (dBm)
11b	1 Mbps	01	2412	12.81	≤ 30.00
11b	1 Mbps	02	2417	14.49	≤ 30.00
11b	1 Mbps	03	2422	17.54	≤ 30.00
11b	1 Mbps	06	2437	19.83	≤ 30.00
11b	1 Mbps	09	2452	17.11	≤ 30.00
11b	1 Mbps	10	2457	13.03	≤ 30.00
11b	1 Mbps	11	2462	12.43	≤ 30.00
11g	6 Mbps	01	2412	10.48	≤ 30.00
11g	6 Mbps	02	2417	14.60	≤ 30.00
11g	6 Mbps	03	2422	19.09	≤ 30.00
11g	6 Mbps	06	2437	19.90	≤ 30.00
11g	6 Mbps	10	2457	17.46	≤ 30.00
11g	6 Mbps	11	2462	11.02	≤ 30.00
11n-HT20	MCS0	01	2412	9.52	≤ 30.00
11n-HT20	MCS0	02	2417	11.95	≤ 30.00
11n-HT20	MCS0	03	2422	15.03	≤ 30.00
11n-HT20	MCS0	04	2427	17.65	≤ 30.00
11n-HT20	MCS0	06	2437	19.92	≤ 30.00
11n-HT20	MCS0	09	2452	16.69	≤ 30.00
11n-HT20	MCS0	10	2457	16.11	≤ 30.00
11n-HT20	MCS0	11	2462	9.64	≤ 30.00

A.4 Power Spectral Density Test Result

Test Site	WZ-SR6	Test Engineer	Herman Liu
Test Date	2025-12-29		

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	PSD (dBm/10 kHz)	Duty Cycle (%)	10×log (1/x)	Total PSD (dBm/10 kHz)	Limit (dBm/3 kHz)
11b	1 Mbps	01	2412	-13.690	99.19	0.04	-13.690	≤ 8.00
11b	1 Mbps	06	2437	-6.939	99.19	0.04	-6.939	≤ 8.00
11b	1 Mbps	11	2462	-14.475	99.19	0.04	-14.475	≤ 8.00
11g	6 Mbps	01	2412	-18.335	95.16	0.22	-18.120	≤ 8.00
11g	6 Mbps	06	2437	-9.009	95.16	0.22	-8.794	≤ 8.00
11g	6 Mbps	11	2462	-17.358	95.16	0.22	-17.143	≤ 8.00
11n-HT20	MCS0	01	2412	-20.224	94.29	0.26	-19.969	≤ 8.00
11n-HT20	MCS0	06	2437	-9.370	94.29	0.26	-9.115	≤ 8.00
11n-HT20	MCS0	11	2462	-19.808	94.29	0.26	-19.553	≤ 8.00

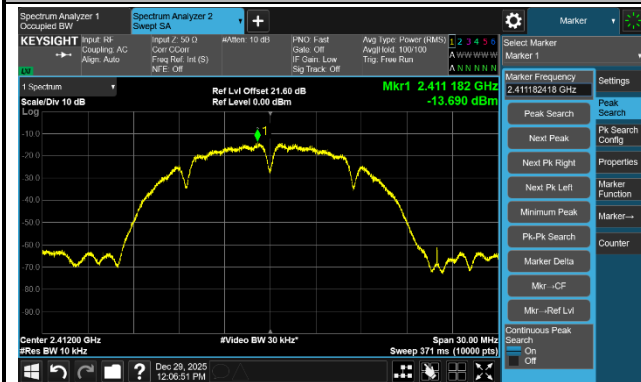
Note:

Duty Cycle ≥ 98%, Total PSD (dBm/10 kHz) = PSD (dBm/10 kHz).

Duty Cycle < 98%, Total PSD (dBm/10 kHz) = PSD (dBm/10 kHz) + 10 × log (1/Duty Cycle).

802.11b - AVGPSPD

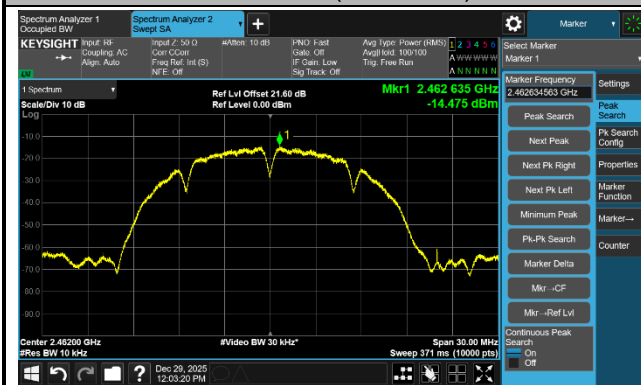
Channel 01 (2412 MHz)



Channel 06 (2437 MHz)

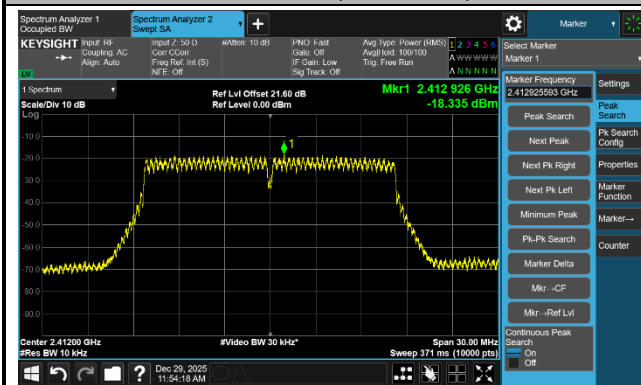


Channel 11 (2462 MHz)

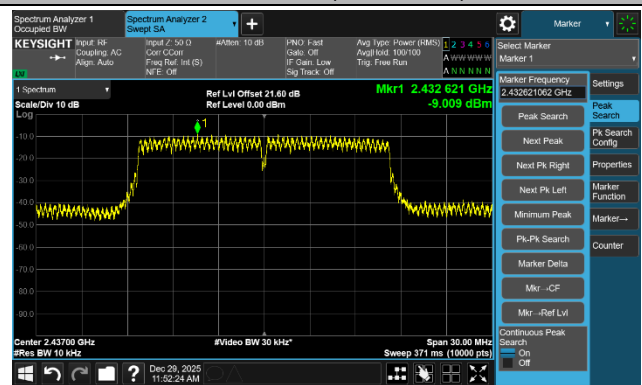


802.11g - AVGPSPD

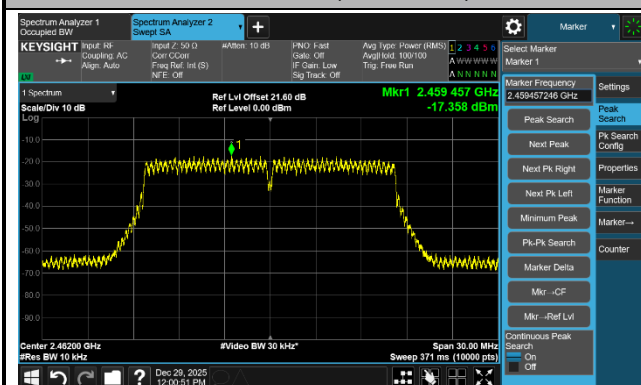
Channel 01 (2412 MHz)

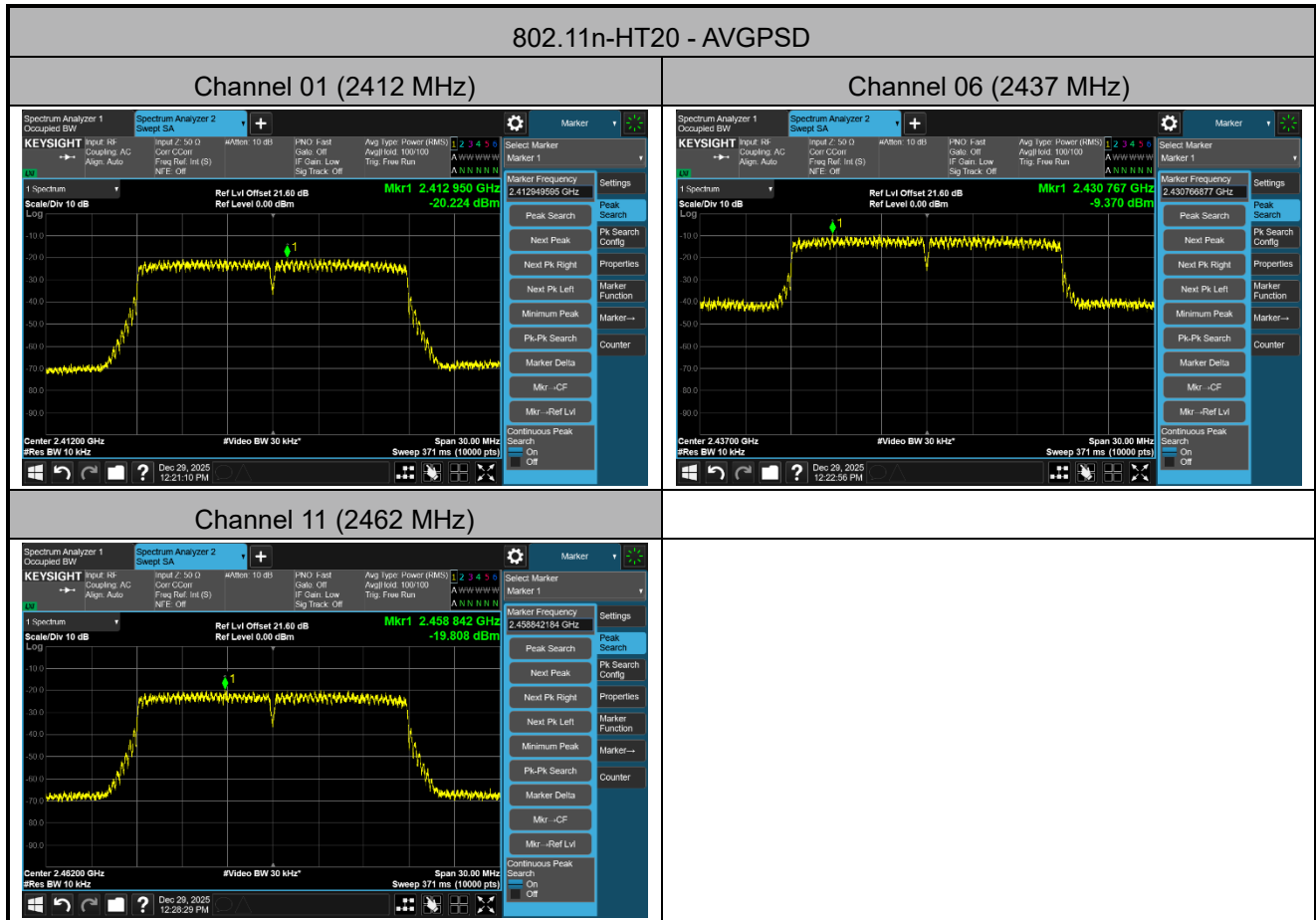


Channel 06 (2437 MHz)



Channel 11 (2462 MHz)





A.5 Conducted Band Edge and Out-of-Band Emissions Test Result

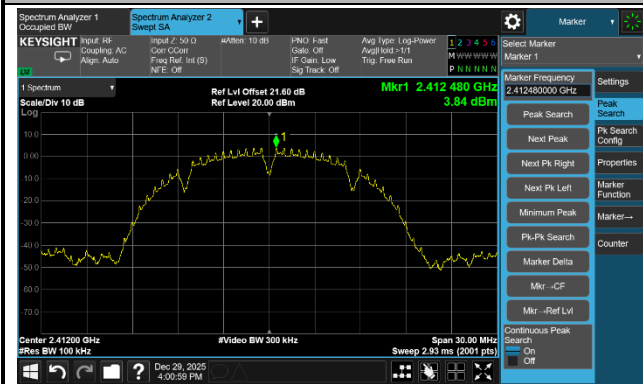
Test Site	WZ-SR6	Test Engineer	Herman Liu
Test Date	2025-12-29		

Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Limit
11b	1 Mbps	01	2412	30 dBc
11b	1 Mbps	06	2437	30 dBc
11b	1 Mbps	11	2462	30 dBc
11g	6 Mbps	01	2412	30 dBc
11g	6 Mbps	06	2437	30 dBc
11g	6 Mbps	11	2462	30 dBc
11n-HT20	MCS0	01	2412	30 dBc
11n-HT20	MCS0	06	2437	30 dBc
11n-HT20	MCS0	11	2462	30 dBc

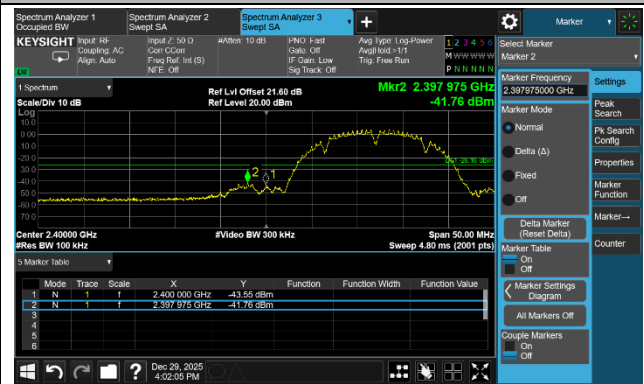
802.11b Out-of-Band Emissions

Channel 01 (2412 MHz)

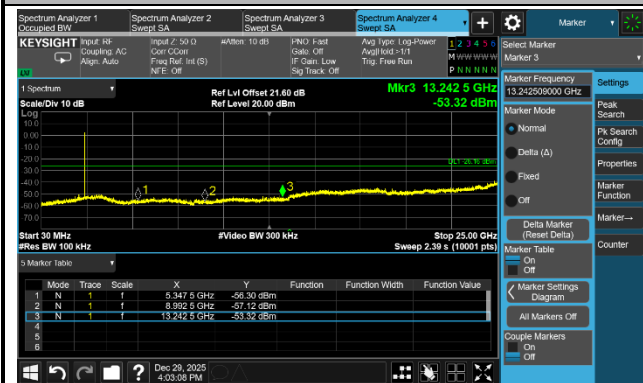
Reference Level



Low Band Edge

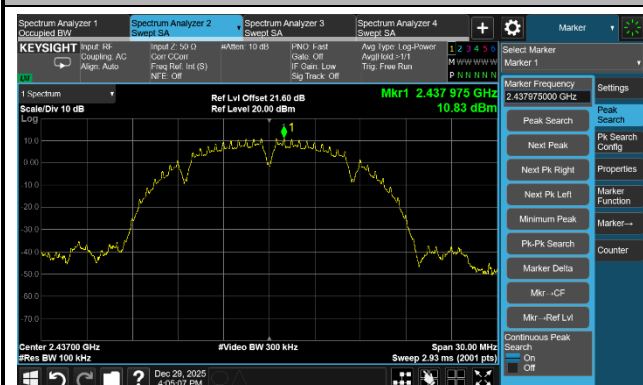


Spurious Emission



Channel 06 (2437 MHz)

Reference Level



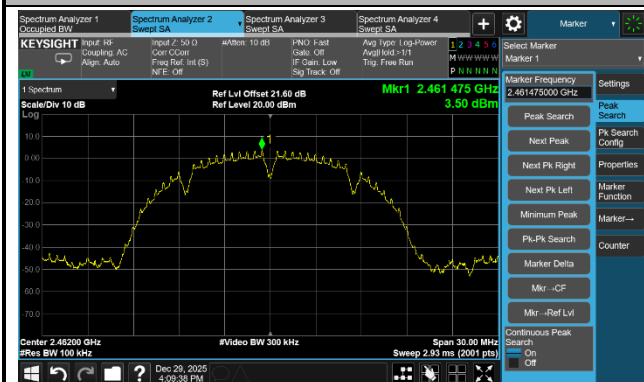
Spurious Emission



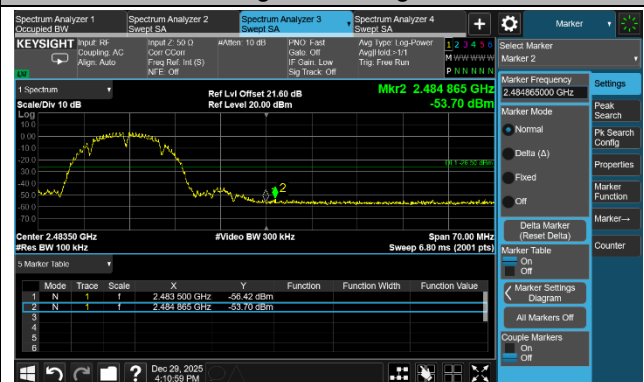
802.11b Out-of-Band Emissions

Channel 11 (2462 MHz)

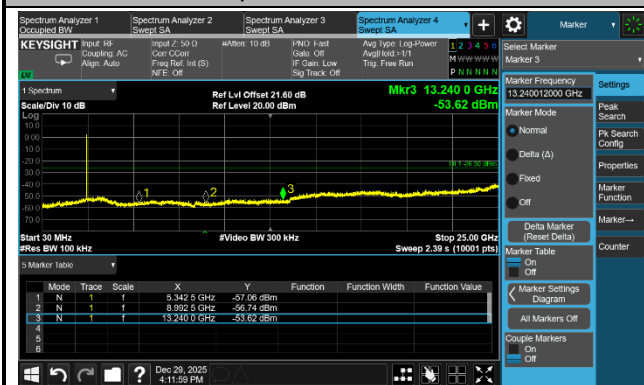
Reference Level



High Band Edge



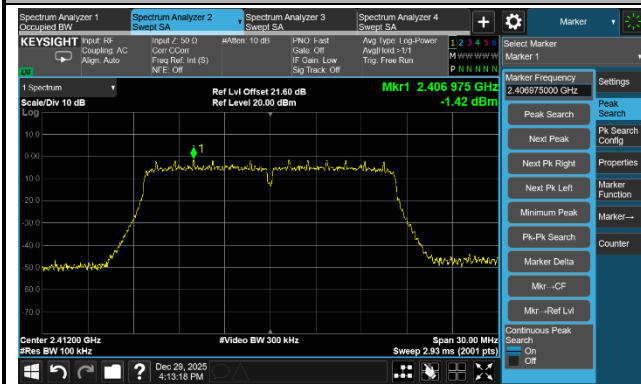
Spurious Emission



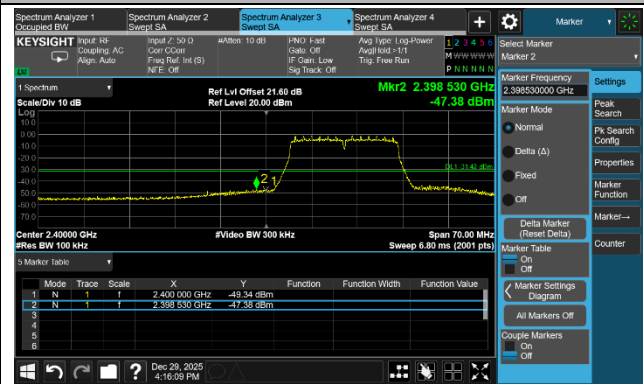
802.11g Out-of-Band Emissions

Channel 01 (2412 MHz)

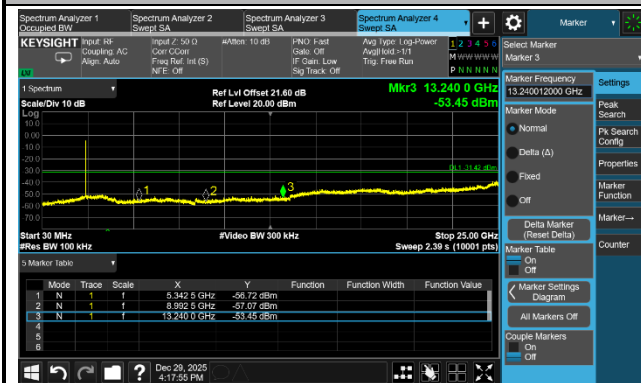
Reference Level



Low Band Edge

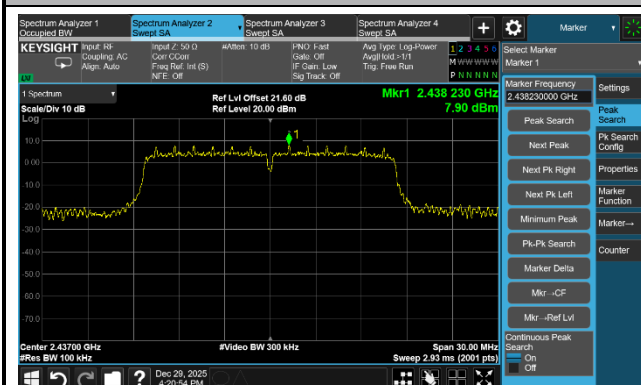


Spurious Emission

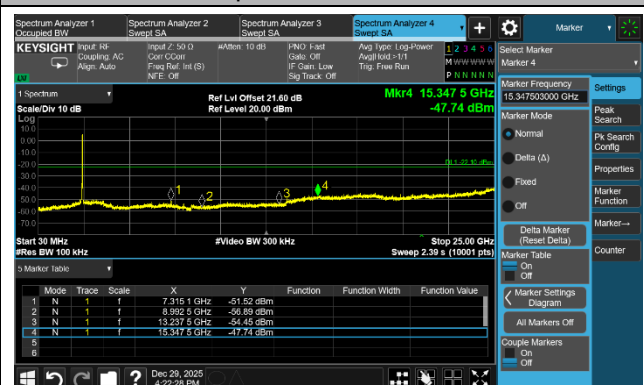


Channel 06 (2437 MHz)

Reference Level



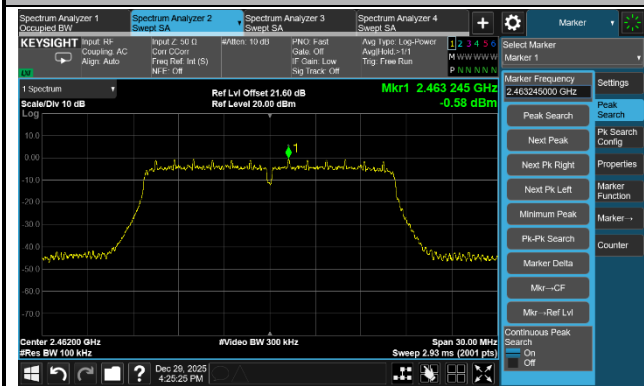
Spurious Emission



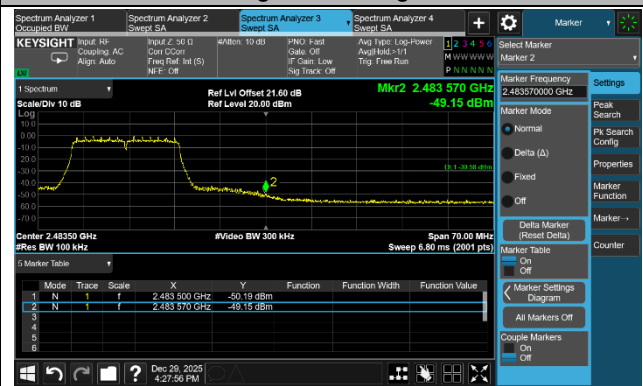
802.11g Out-of-Band Emissions

Channel 11 (2462 MHz)

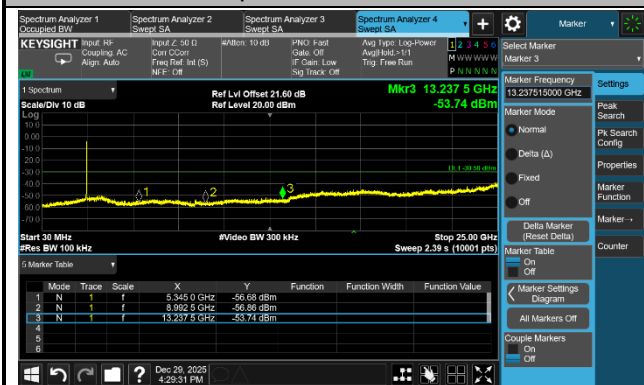
Reference Level



High Band Edge



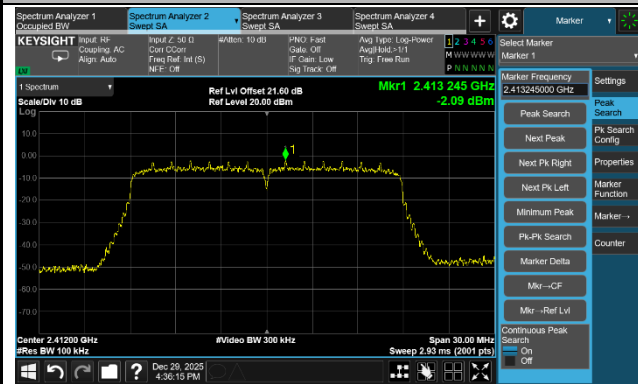
Spurious Emission



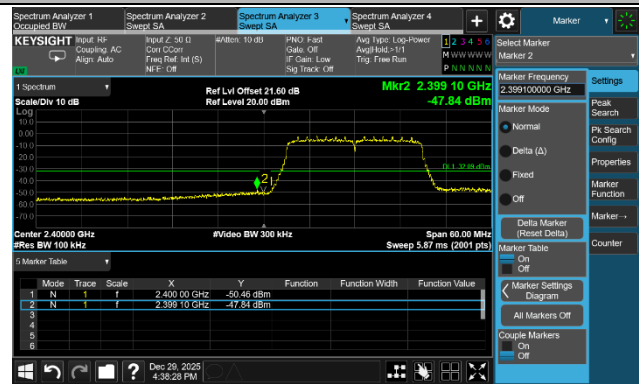
802.11n-HT20 Out-of-Band Emissions

Channel 01 (2412 MHz)

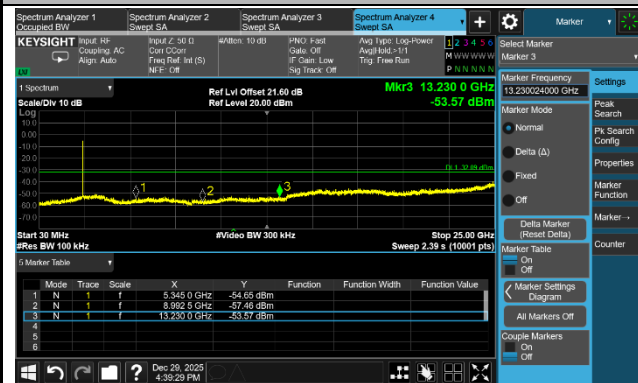
Reference Level



Low Band Edge

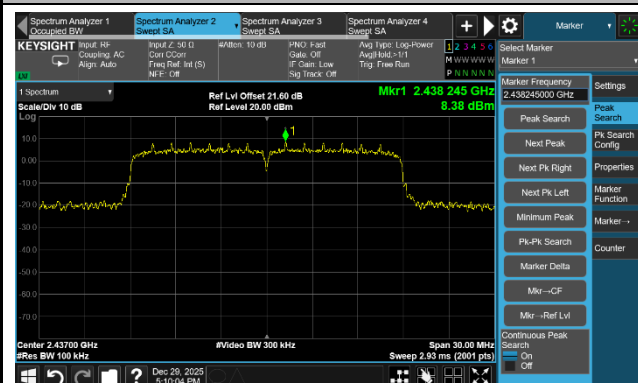


Spurious Emission

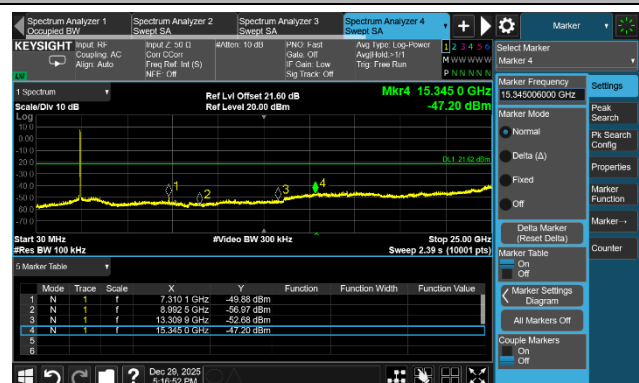


Channel 06 (2437 MHz)

Reference Level



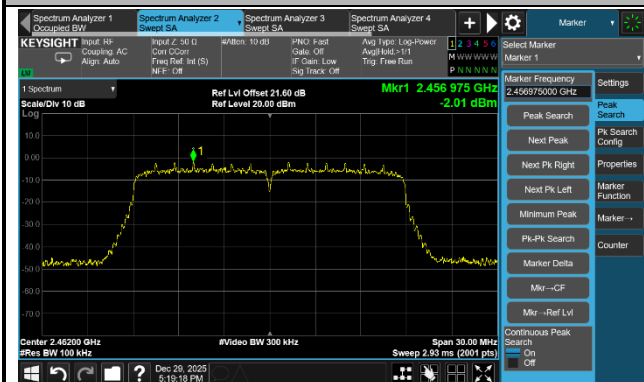
Spurious Emission



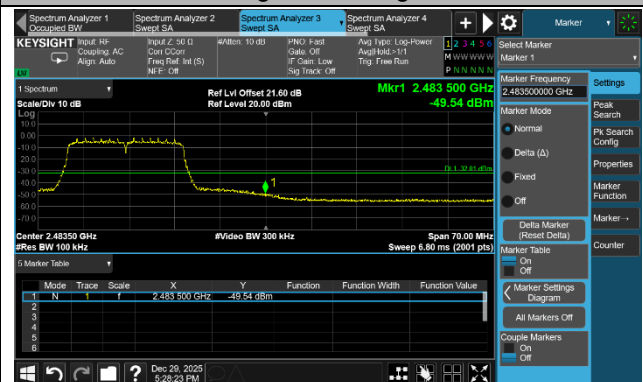
802.11n-HT20 Out-of-Band Emissions

Channel 11 (2462 MHz)

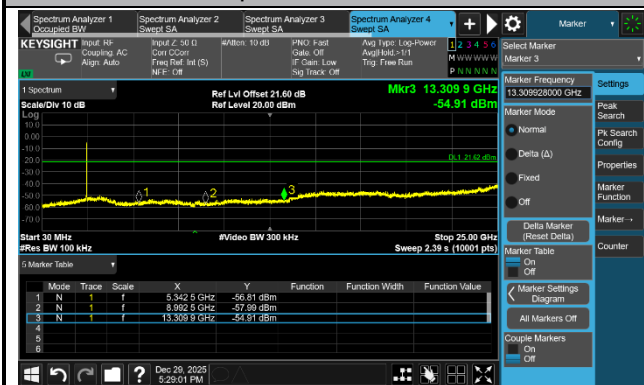
Reference Level



High Band Edge



Spurious Emission



A.6 Radiated Spurious Emissions Test Result

Test Site	WZ-AC1	Test Engineer	Jerry Lu
Test Date	2025-12-24	Test Mode	802.11b
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	9420.10	35.16	13.81	48.97	74.00	-25.03	Peak	Horizontal
	11376.80	35.88	14.28	50.16	74.00	-23.84	Peak	Horizontal
	17994.90	20.47	24.12	44.59	54.00	-9.41	Average	Horizontal
	17994.90	35.87	24.12	59.99	74.00	-14.01	Peak	Horizontal
	9319.80	35.42	13.77	49.19	74.00	-24.81	Peak	Vertical
	11633.50	36.68	13.75	50.43	74.00	-23.57	Peak	Vertical
	17949.00	20.57	23.23	43.80	54.00	-10.20	Average	Vertical
	17949.00	35.92	23.23	59.15	74.00	-14.85	Peak	Vertical
06	9450.70	34.87	13.51	48.38	74.00	-25.62	Peak	Horizontal
	11091.20	35.77	14.44	50.21	74.00	-23.79	Peak	Horizontal
	17998.30	20.48	24.15	44.63	54.00	-9.37	Average	Horizontal
	17998.30	35.02	24.15	59.17	74.00	-14.83	Peak	Horizontal
	9119.20	35.48	12.90	48.38	74.00	-25.62	Peak	Vertical
	11217.00	35.69	14.22	49.91	74.00	-24.09	Peak	Vertical
	17993.20	20.56	24.10	44.66	54.00	-9.34	Average	Vertical
	17993.20	35.37	24.10	59.47	74.00	-14.53	Peak	Vertical
11	9365.70	35.89	13.77	49.66	74.00	-24.34	Peak	Horizontal
	11225.50	35.67	14.24	49.91	74.00	-24.09	Peak	Horizontal
	17998.30	20.51	24.15	44.66	54.00	-9.34	Average	Horizontal
	17998.30	35.08	24.15	59.23	74.00	-14.77	Peak	Horizontal
	9432.00	34.58	13.72	48.30	74.00	-25.70	Peak	Vertical
	11081.00	35.63	14.50	50.13	74.00	-23.87	Peak	Vertical
	17993.20	20.62	24.10	44.72	54.00	-9.28	Average	Vertical
	17993.20	35.23	24.10	59.33	74.00	-14.67	Peak	Vertical

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

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

Test Site	WZ-AC1	Test Engineer	Jerry Lu
Test Date	2025-12-24	Test Mode	802.11g
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	9421.80	34.95	13.81	48.76	74.00	-25.24	Peak	Horizontal
	11290.10	35.97	14.26	50.23	74.00	-23.77	Peak	Horizontal
	17994.90	20.43	24.12	44.55	54.00	-9.45	Average	Horizontal
	17994.90	35.07	24.12	59.19	74.00	-14.81	Peak	Horizontal
	9340.20	35.39	13.50	48.89	74.00	-25.11	Peak	Vertical
	11115.00	35.93	14.43	50.36	74.00	-23.64	Peak	Vertical
	17993.20	19.86	24.10	43.96	54.00	-10.04	Average	Vertical
	17993.20	35.03	24.10	59.13	74.00	-14.87	Peak	Vertical
06	9338.50	34.64	13.48	48.12	74.00	-25.88	Peak	Horizontal
	11009.60	34.63	14.81	49.44	74.00	-24.56	Peak	Horizontal
	17991.50	20.66	24.08	44.74	54.00	-9.26	Average	Horizontal
	17991.50	34.78	24.08	58.86	74.00	-15.14	Peak	Horizontal
	9132.80	35.30	12.83	48.13	74.00	-25.87	Peak	Vertical
	11402.30	35.68	14.24	49.92	74.00	-24.08	Peak	Vertical
	17991.50	19.62	24.08	43.70	54.00	-10.30	Average	Vertical
	17991.50	35.28	24.08	59.36	74.00	-14.64	Peak	Vertical
11	9387.80	35.62	13.69	49.31	74.00	-24.69	Peak	Horizontal
	11361.50	36.20	14.26	50.46	74.00	-23.54	Peak	Horizontal
	17991.50	20.47	24.08	44.55	54.00	-9.45	Average	Horizontal
	17991.50	34.49	24.08	58.57	74.00	-15.43	Peak	Horizontal
	9132.80	35.99	12.83	48.82	74.00	-25.18	Peak	Vertical
	11859.60	36.82	13.25	50.07	74.00	-23.93	Peak	Vertical
	17977.90	19.64	23.82	43.46	54.00	-10.54	Average	Vertical
	17977.90	35.39	23.82	59.21	74.00	-14.79	Peak	Vertical

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

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

Test Site	WZ-AC1	Test Engineer	Jerry Lu
Test Date	2025-12-24	Test Mode	802.11n-HT20
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20 dB below limit line within 1-18 GHz, there is not show in the report.		

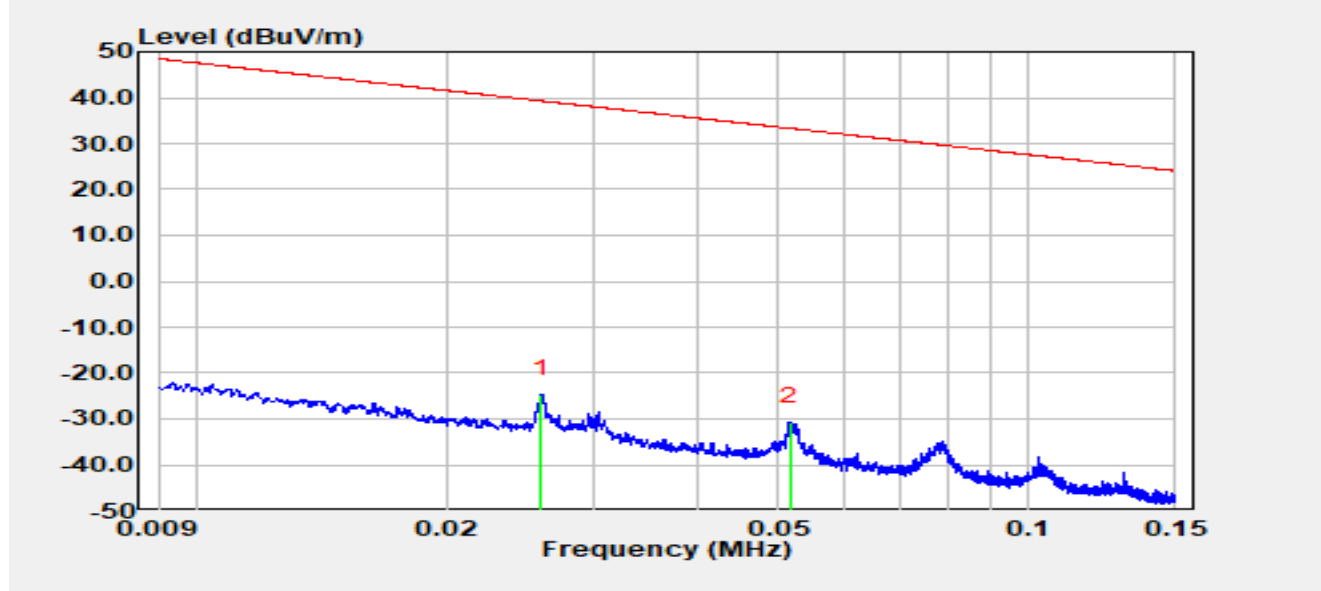
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	9357.20	35.46	13.68	49.14	74.00	-24.86	Peak	Horizontal
	11455.00	35.81	14.17	49.98	74.00	-24.02	Peak	Horizontal
	17998.30	20.55	24.15	44.70	54.00	-9.30	Average	Horizontal
	17998.30	35.22	24.15	59.37	74.00	-14.63	Peak	Horizontal
	9416.70	34.78	13.82	48.60	74.00	-25.40	Peak	Vertical
	11781.40	36.40	13.27	49.67	74.00	-24.33	Peak	Vertical
	17996.60	19.41	24.13	43.54	54.00	-10.46	Average	Vertical
	17996.60	34.51	24.13	58.64	74.00	-15.36	Peak	Vertical
06	9353.80	35.26	13.64	48.90	74.00	-25.10	Peak	Horizontal
	11191.50	35.47	14.24	49.71	74.00	-24.29	Peak	Horizontal
	17979.60	20.53	23.88	44.41	54.00	-9.59	Average	Horizontal
	17979.60	34.52	23.88	58.40	74.00	-15.60	Peak	Horizontal
	9375.90	35.77	13.86	49.63	74.00	-24.37	Peak	Vertical
	11410.80	36.90	14.28	51.18	74.00	-22.82	Peak	Vertical
	17972.80	20.51	23.65	44.16	54.00	-9.84	Average	Vertical
	17972.80	35.39	23.65	59.04	74.00	-14.96	Peak	Vertical
11	9367.40	35.42	13.79	49.21	74.00	-24.79	Peak	Horizontal
	11162.60	35.88	14.25	50.13	74.00	-23.87	Peak	Horizontal
	17984.70	19.65	24.02	43.67	54.00	-10.33	Average	Horizontal
	17984.70	34.70	24.02	58.72	74.00	-15.28	Peak	Horizontal
	9302.80	35.08	13.77	48.85	74.00	-25.15	Peak	Vertical
	10996.00	34.88	14.87	49.75	74.00	-24.25	Peak	Vertical
	17976.20	19.64	23.77	43.41	54.00	-10.59	Average	Vertical
	17976.20	34.96	23.77	58.73	74.00	-15.27	Peak	Vertical

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

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

The Result of Radiated Emission between 9 kHz ~ 30 MHz:

Site	WZ-AC2	Test Date	2025-12-24
Temperature	24.8 °C	Humidity	34.3%
Limit	FCC_Part 15.209_RSE	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Coaxial
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

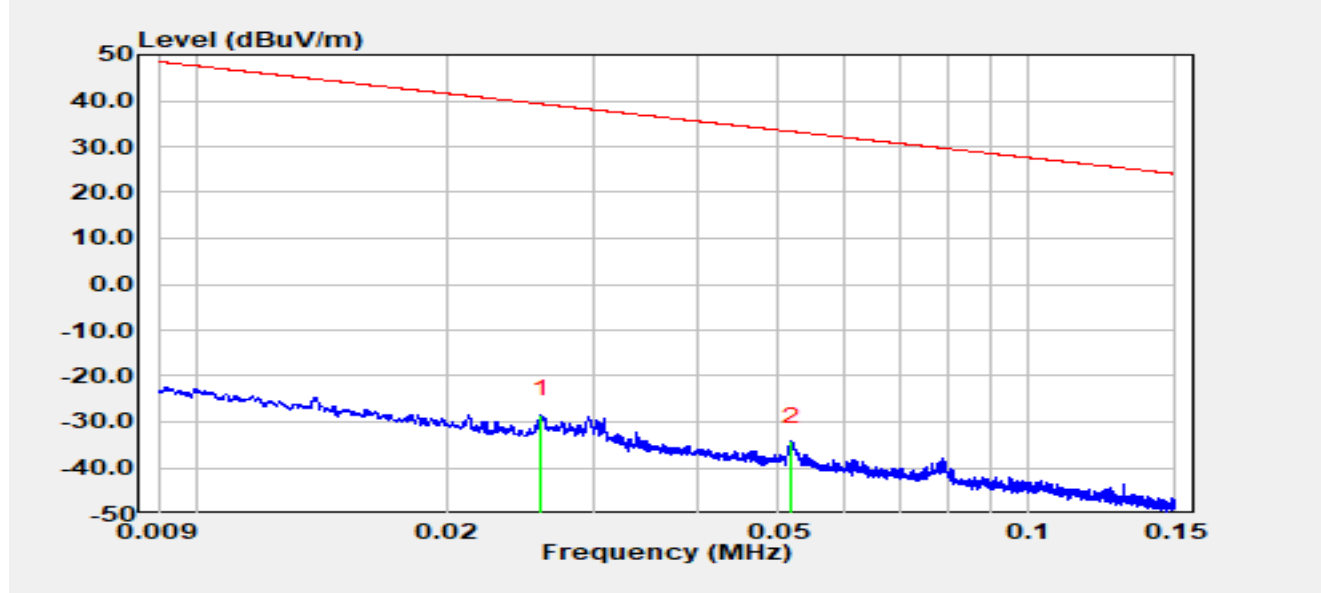


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	0.03	36.31	-60.86	-24.56	-63.86	39.30	Peak
2		0.05	30.46	-61.05	-30.59	-63.91	33.31	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + $40 \times \log(d1/d2)$ (dB),
d1 = 3 m, d2 = 300 m (9 kHz-490 kHz) or 30 m (490 kHz-30 MHz).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).
- Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Site	WZ-AC2	Test Date	2025-12-24
Temperature	24.8 °C	Humidity	34.3%
Limit	FCC_Part 15.209_RSE	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Coplanar
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

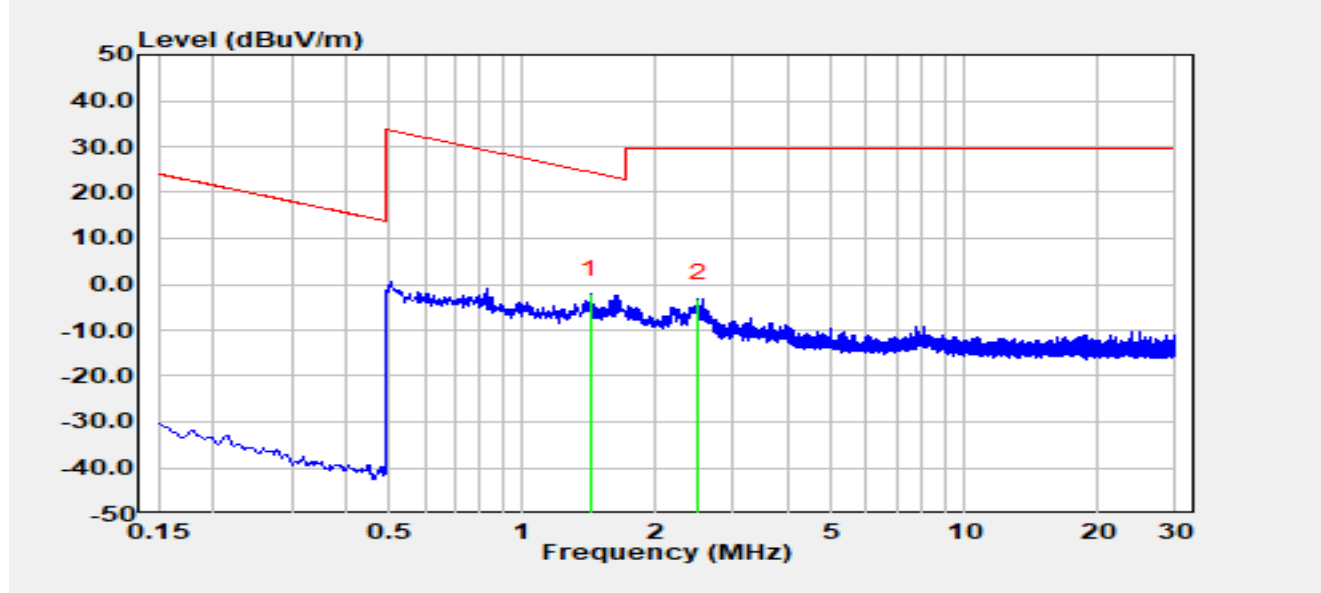


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.03	32.46	-60.86	-28.40	-67.71	39.31	Peak
2	*	0.05	26.83	-61.05	-34.22	-67.53	33.30	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- $C.F (dB/m) = \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} + 40 \times \log(d1/d2) (dB)$,
 $d1 = 3 \text{ m}$, $d2 = 300 \text{ m}$ (9 kHz-490 kHz) or 30 m (490 kHz-30 MHz).
- $\text{Measurement (dBμV/m)} = \text{Reading (dBμV)} + C.F (dB/m)$.
- Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Site	WZ-AC2	Test Date	2025-12-24
Temperature	24.8 °C	Humidity	34.3%
Limit	FCC_Part 15.209_RSE	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Coaxial
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

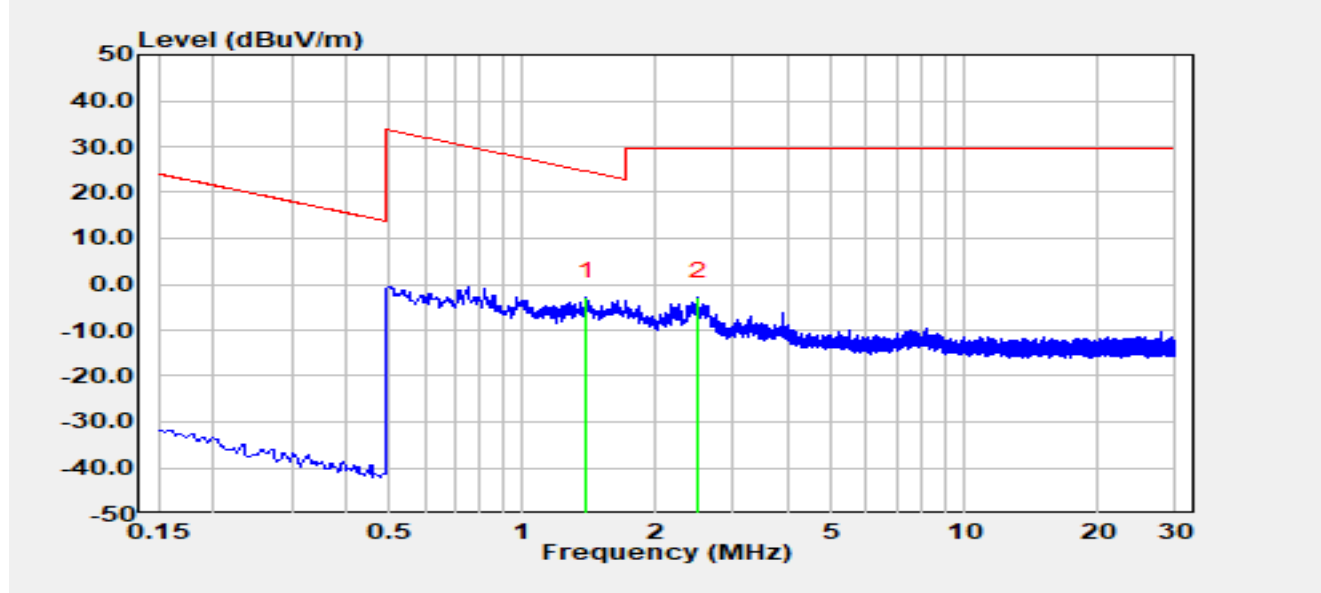


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	1.43	18.76	-20.99	-2.23	-26.76	24.54	Peak
2		2.49	17.75	-20.85	-3.10	-32.60	29.50	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- $C.F (dB/m) = Antenna\ Factor (dB/m) + Cable\ Loss (dB) + 40 \times \log(d1/d2) (dB)$,
 $d1 = 3\ m, d2 = 300\ m\ (9\ kHz-490\ kHz)\ or\ 30\ m\ (490\ kHz-30\ MHz)$.
- $Measurement\ (dB\mu V/m) = Reading\ (dB\mu V) + C.F\ (dB/m)$.
- Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Site	WZ-AC2	Test Date	2025-12-24
Temperature	24.8 °C	Humidity	34.3%
Limit	FCC_Part 15.209_RSE	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Coplanar
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		



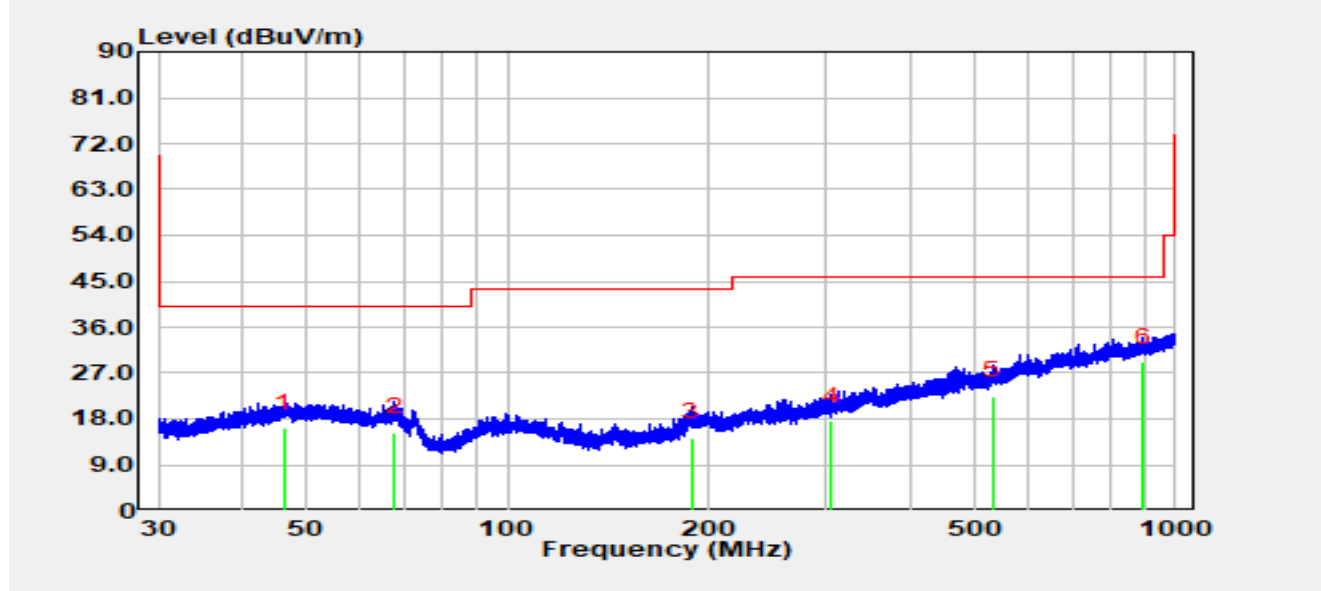
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	1.39	18.26	-20.99	-2.73	-27.49	24.76	Peak
2		2.49	18.07	-20.85	-2.78	-32.28	29.50	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- $C.F (dB/m) = Antenna\ Factor (dB/m) + Cable\ Loss (dB) + 40 \times \log(d1/d2) (dB)$,
 $d1 = 3\ m, d2 = 300\ m\ (9\ kHz-490\ kHz)\ or\ 30\ m\ (490\ kHz-30\ MHz)$.
- $Measurement\ (dB\mu V/m) = Reading\ (dB\mu V) + C.F\ (dB/m)$.
- Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

The Result of Radiated Emission below 1 GHz:

Site	WZ-AC2	Test Date	2025-12-24
Temperature	24.8 °C	Humidity	34.3%
Limit	FCC_Part 15.209_RSE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

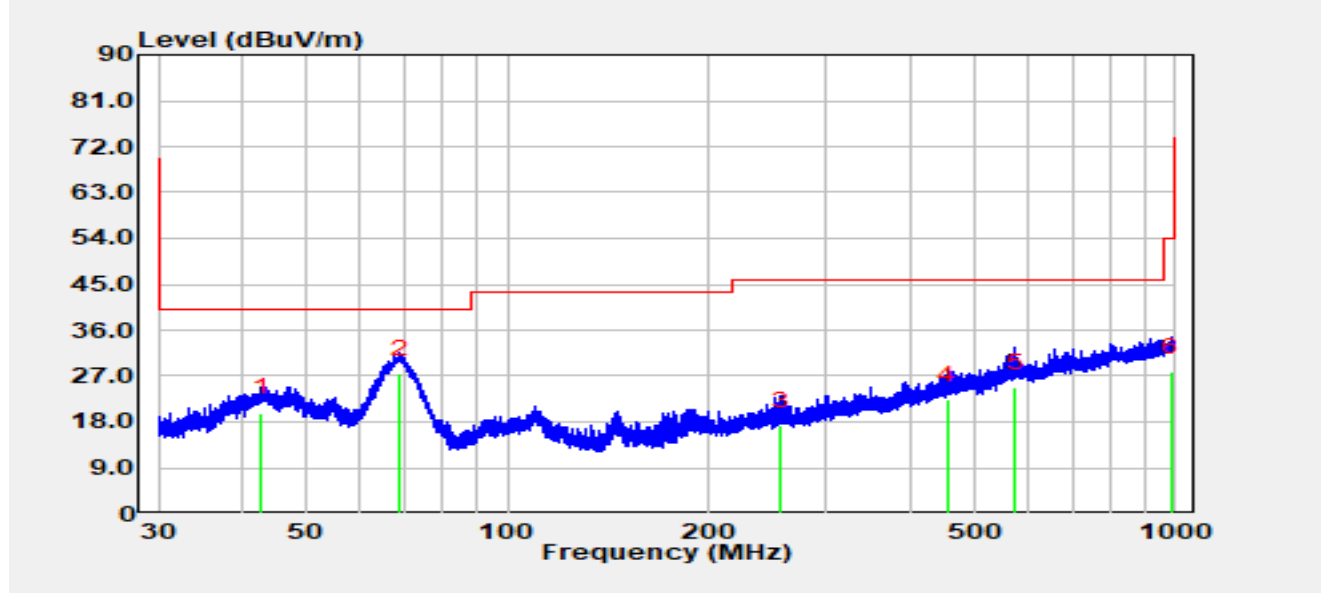


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		46.31	-4.27	20.54	16.27	-23.73	40.00	QP
2		67.75	-2.08	17.37	15.29	-24.71	40.00	QP
3		188.28	-3.70	17.97	14.27	-29.23	43.50	QP
4		305.36	-3.63	21.26	17.63	-28.37	46.00	QP
5		532.15	-3.60	26.02	22.42	-23.58	46.00	QP
6	*	895.74	-2.69	31.75	29.05	-16.95	46.00	QP

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-24
Temperature	24.8 °C	Humidity	34.3%
Limit	FCC_Part 15.209_RSE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		



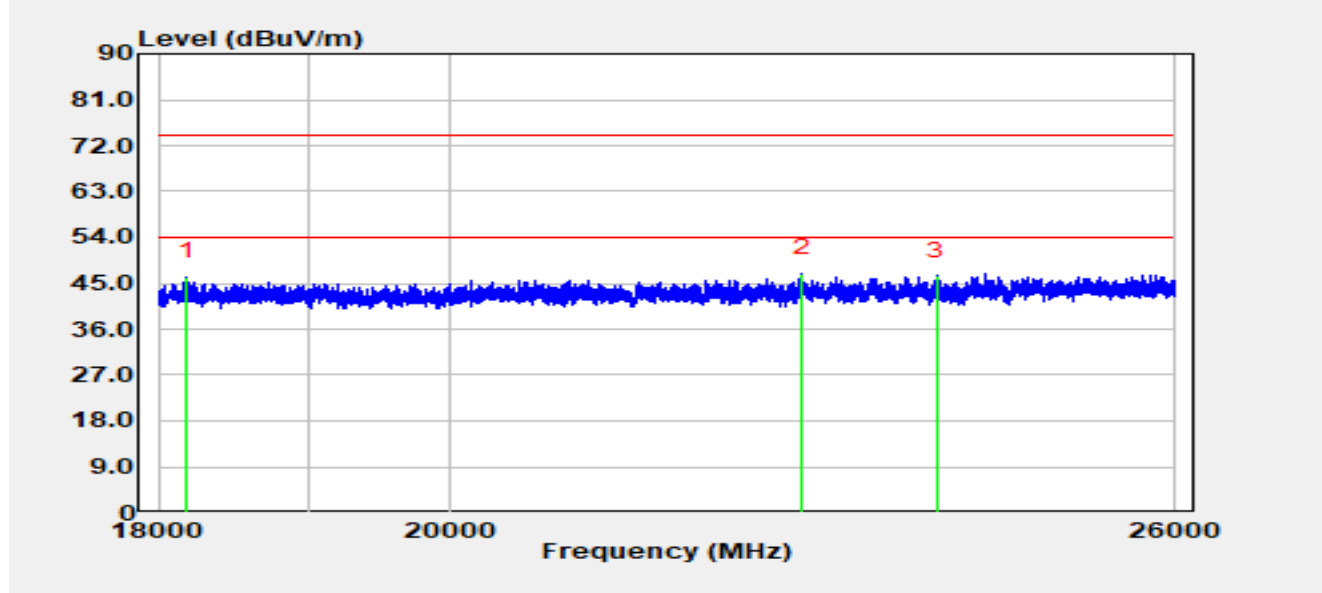
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		42.69	-0.23	20.05	19.82	-20.18	40.00	QP
2	*	68.94	10.67	16.81	27.48	-12.52	40.00	QP
3		256.70	-3.33	20.54	17.21	-28.79	46.00	QP
4		456.07	-2.27	24.59	22.32	-23.68	46.00	QP
5		575.03	-2.30	27.02	24.72	-21.28	46.00	QP
6		983.31	-4.76	32.56	27.81	-26.19	54.00	QP

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

The Result of Radiated Emission above 18 GHz:

Site	WZ-AC2	Test Date	2025-12-26
Temperature	23.4 °C	Humidity	30.6%
Limit	FCC_Part 15.209_RSE (3 m)	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

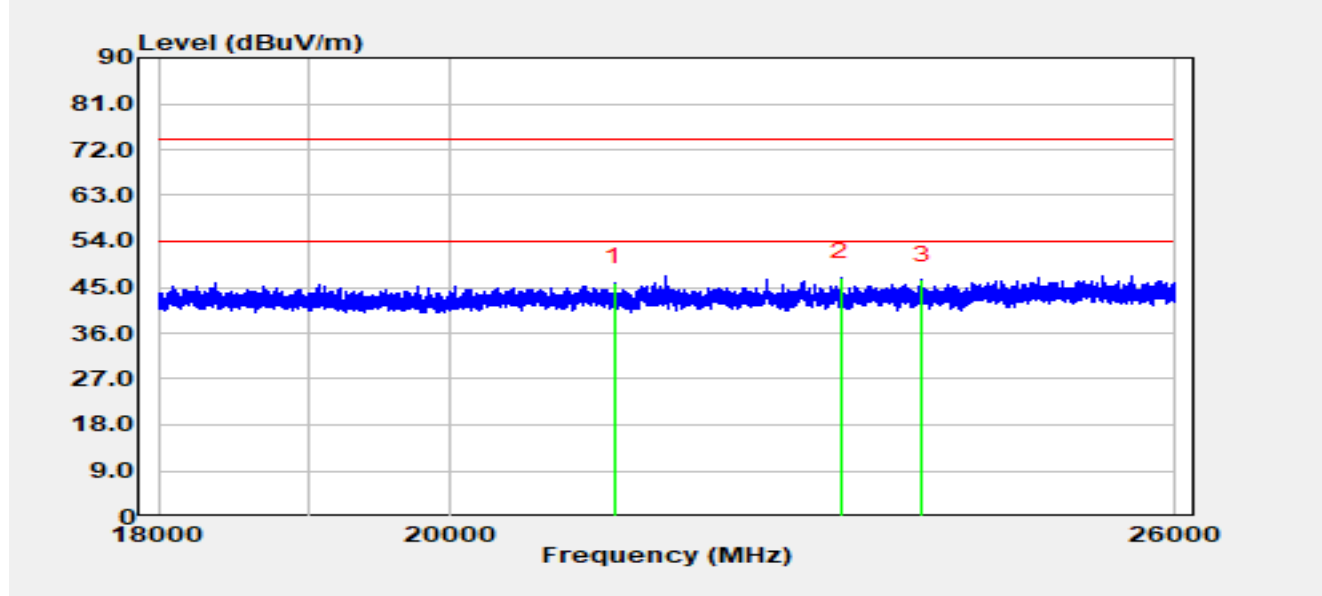


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		18188.80	56.96	-10.66	46.30	-27.70	74.00	Peak
2	*	22715.20	52.97	-5.99	46.97	-27.03	74.00	Peak
3		23847.20	51.97	-5.61	46.36	-27.64	74.00	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-26
Temperature	23.4 °C	Humidity	30.6%
Limit	FCC_Part 15.209_RSE (3 m)	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		



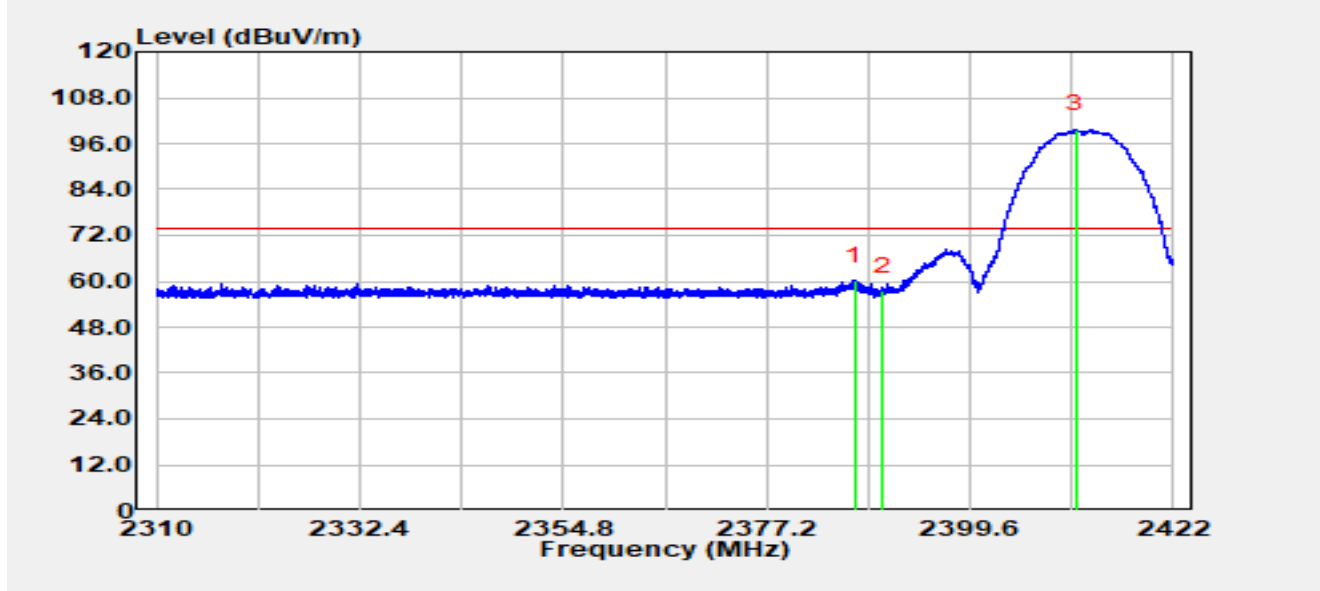
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		21226.40	53.89	-8.03	45.86	-28.14	74.00	Peak
2	*	23032.00	53.61	-6.68	46.93	-27.07	74.00	Peak
3		23727.20	52.61	-6.17	46.45	-27.55	74.00	Peak

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

A.7 Radiated Restricted Band Edge Test Result

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2412 MHz		

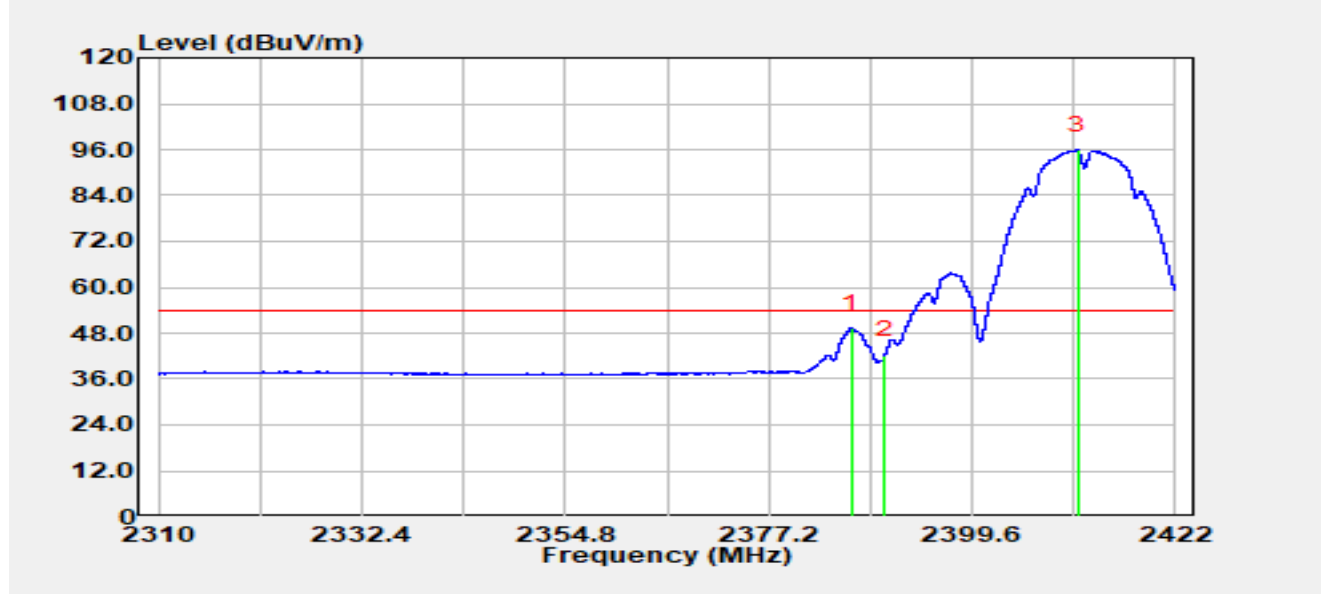


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2386.96	27.00	33.05	60.05	-13.95	74.00	Peak
2		2390.00	24.25	33.04	57.29	-16.71	74.00	Peak
3		2411.20	66.80	32.96	99.76	N/A	N/A	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2412 MHz		

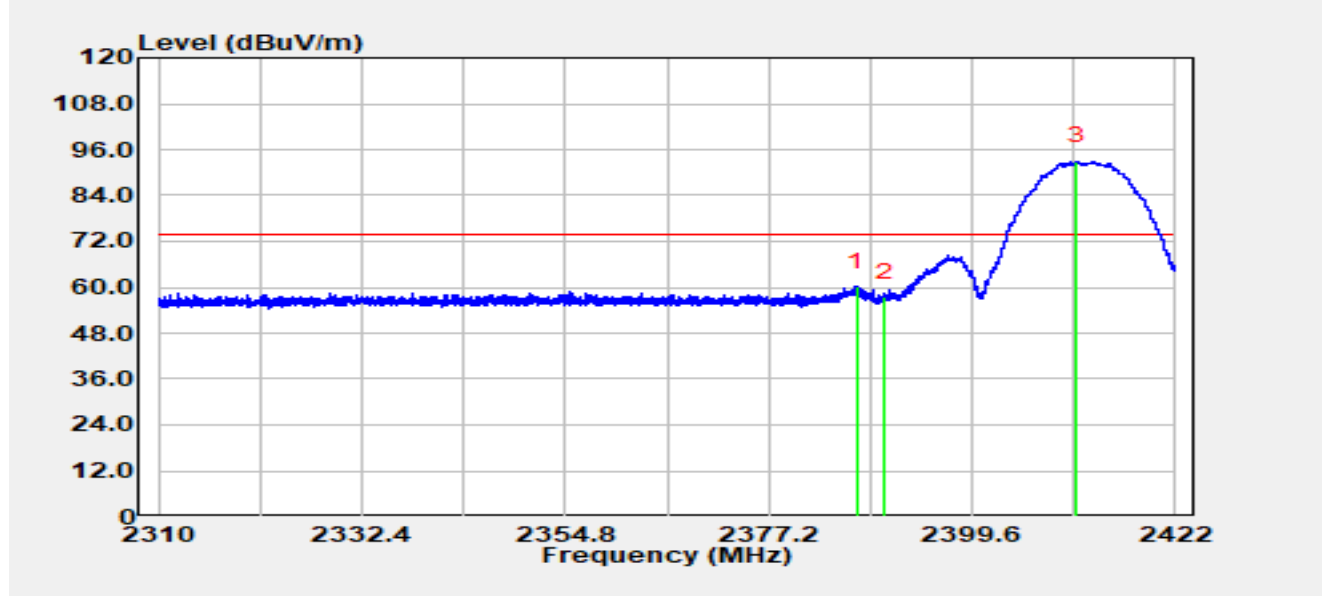


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2386.25	16.24	33.06	49.30	-4.70	54.00	Average
2		2390.00	9.15	33.04	42.19	-11.81	54.00	Average
3		2411.23	62.85	32.96	95.80	N/A	N/A	Average

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2412 MHz		

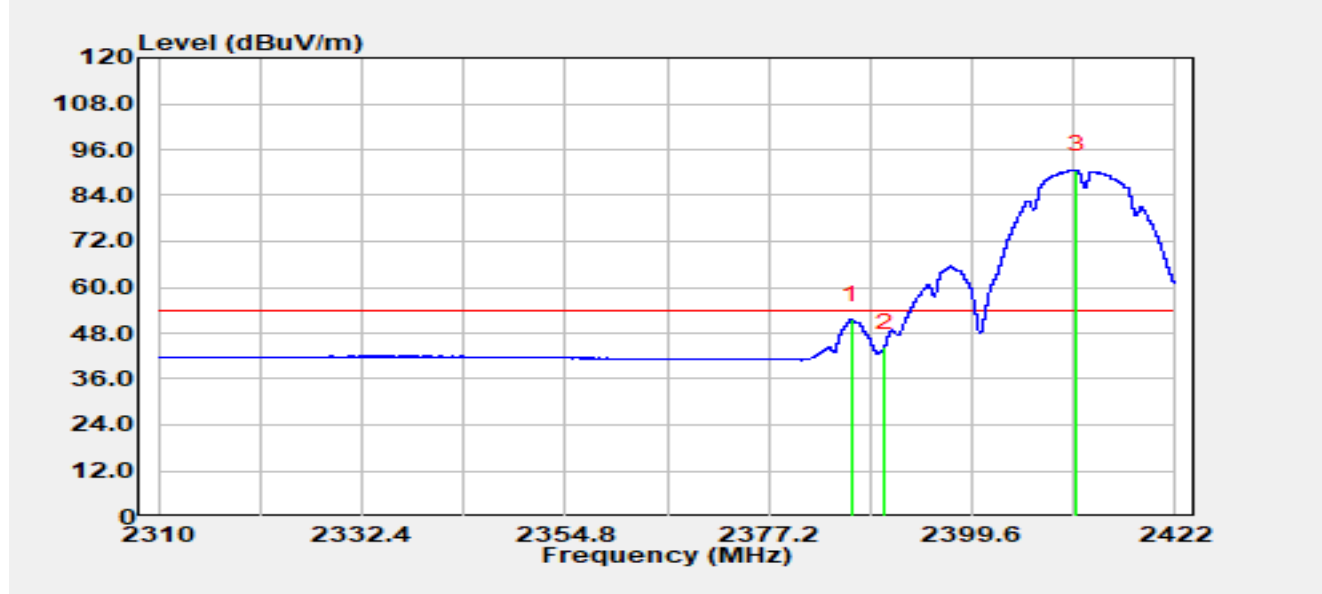


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2386.96	27.00	33.05	60.05	-13.95	74.00	Peak
2		2390.00	24.25	33.04	57.29	-16.71	74.00	Peak
3		2411.11	60.04	32.96	93.00	N/A	N/A	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2412 MHz		

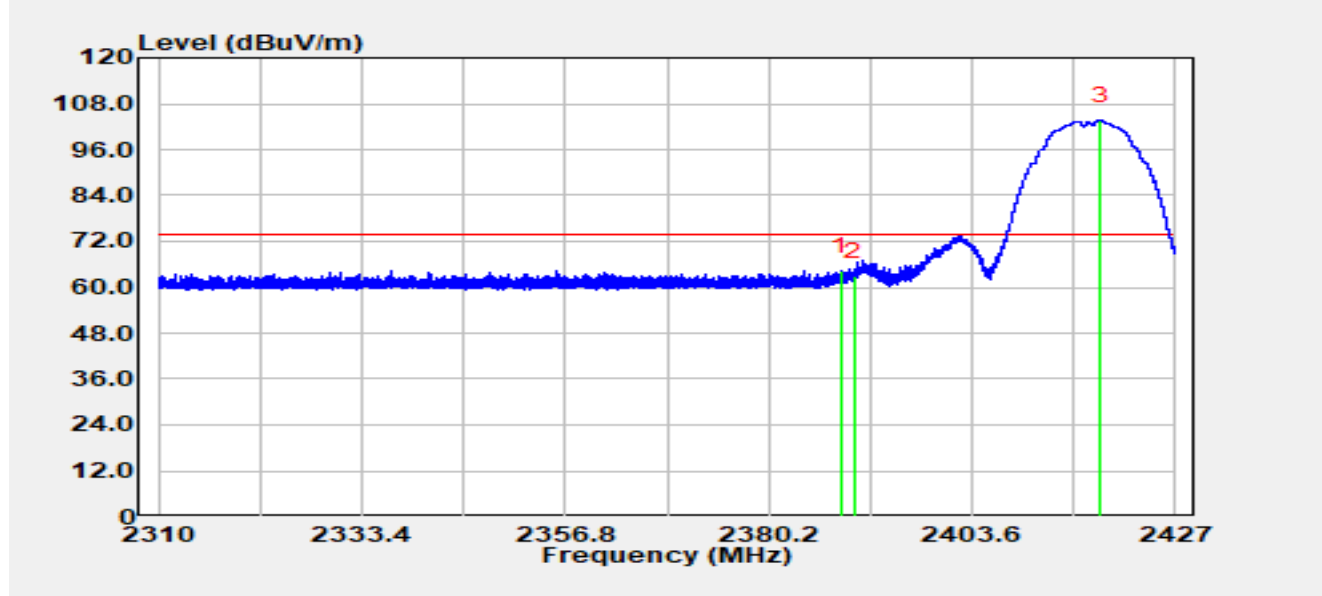


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2386.26	18.40	33.06	51.46	-2.54	54.00	Average
2		2390.00	11.33	33.04	44.37	-9.63	54.00	Average
3		2411.18	57.68	32.96	90.63	N/A	N/A	Average

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2417 MHz		

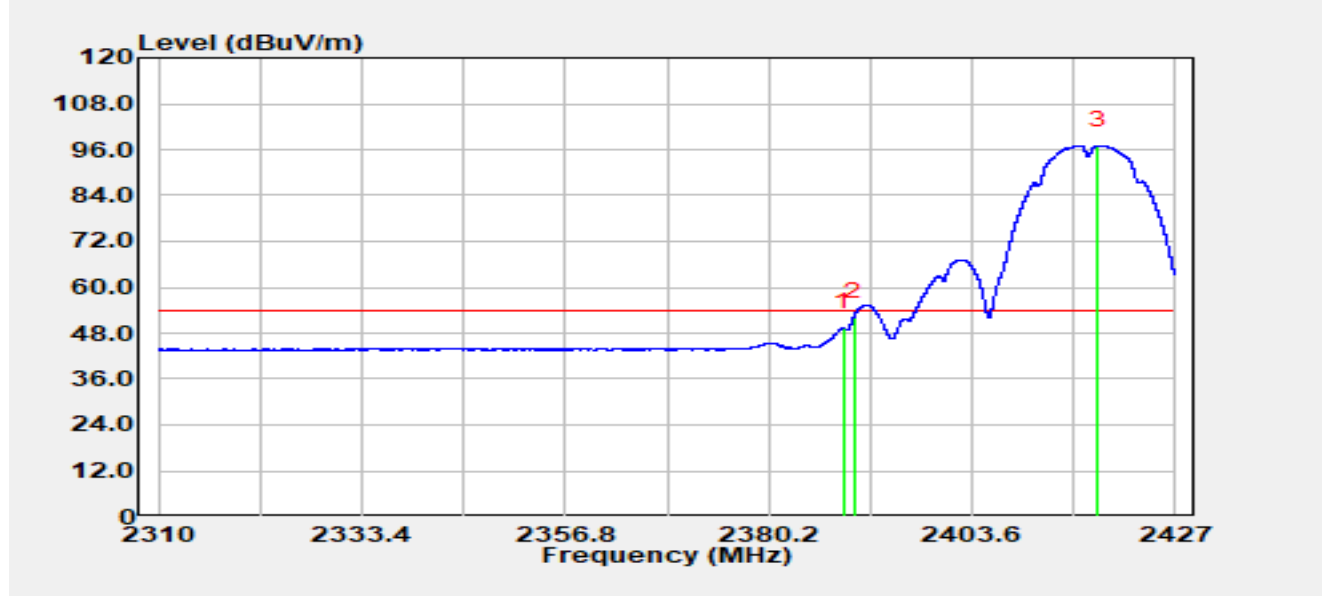


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2388.54	31.25	33.05	64.29	-9.71	74.00	Peak
2		2390.00	29.80	33.04	62.84	-11.16	74.00	Peak
3		2418.34	70.72	32.93	103.65	N/A	N/A	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2417 MHz		

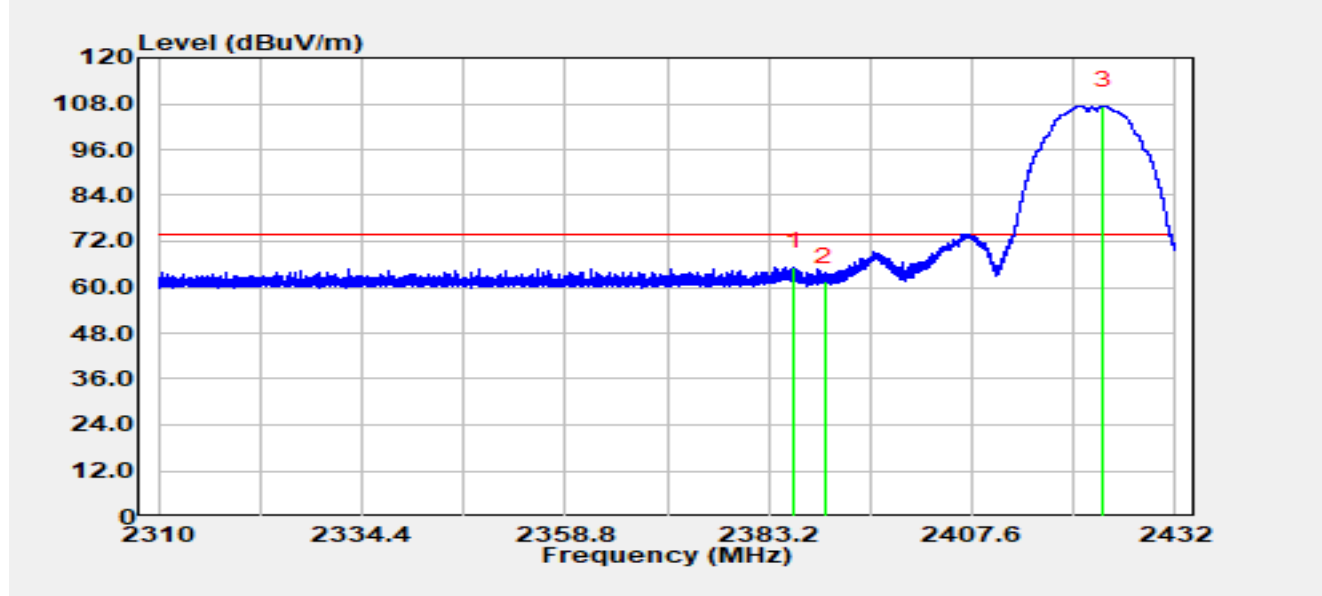


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2388.84	16.35	33.05	49.39	-4.61	54.00	Average
2	*	2390.00	19.22	33.04	52.26	-1.74	54.00	Average
3		2418.09	64.19	32.93	97.12	N/A	N/A	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2422 MHz		

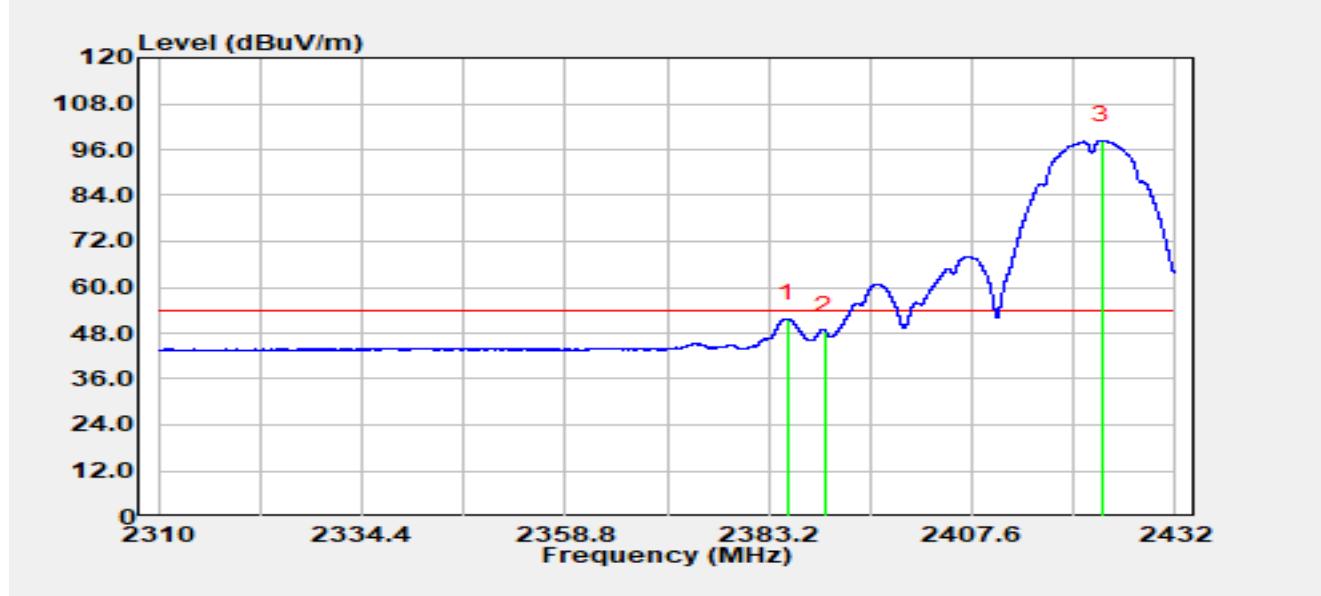


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2386.19	32.35	33.06	65.41	-8.59	74.00	Peak
2		2390.00	28.39	33.04	61.43	-12.57	74.00	Peak
3		2423.27	74.63	32.92	107.54	N/A	N/A	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2422 MHz		

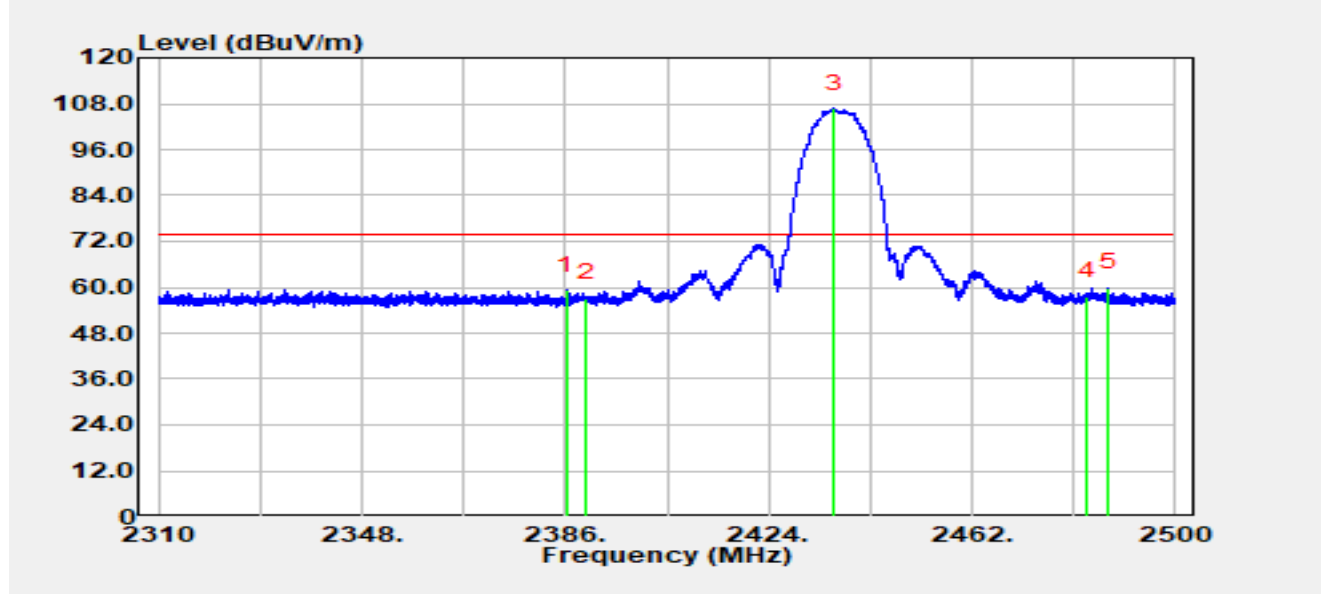


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2385.40	18.65	33.06	51.70	-2.30	54.00	Average
2		2390.00	15.47	33.04	48.51	-5.49	54.00	Average
3		2423.17	65.35	32.92	98.27	N/A	N/A	Average

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2437 MHz		

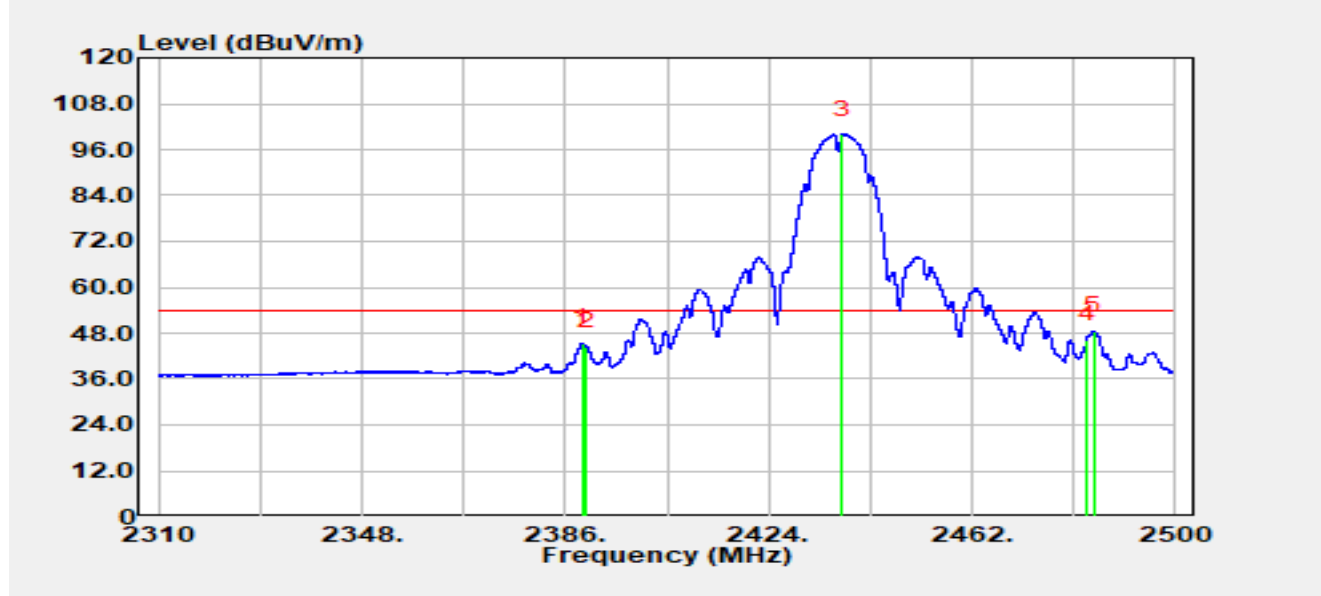


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2386.25	26.26	33.06	59.31	-14.69	74.00	Peak
2		2390.00	24.23	33.04	57.27	-16.73	74.00	Peak
3		2436.18	73.86	32.90	106.76	N/A	N/A	Peak
4		2483.50	24.92	32.77	57.69	-16.31	74.00	Peak
5	*	2487.56	27.08	32.76	59.84	-14.16	74.00	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2437 MHz		

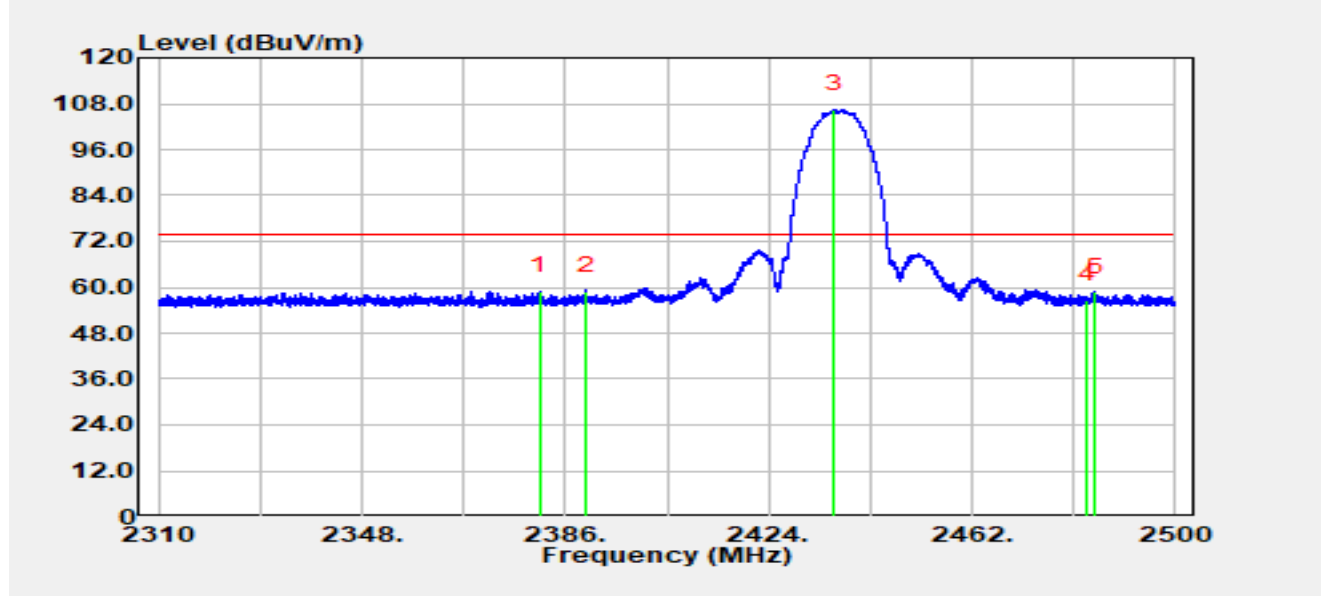


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.23	12.26	33.04	45.31	-8.69	54.00	Average
2		2390.00	11.42	33.04	44.47	-9.53	54.00	Average
3		2437.76	67.11	32.90	100.01	N/A	N/A	Average
4		2483.50	13.62	32.77	46.39	-7.61	54.00	Average
5	*	2484.71	15.75	32.77	48.52	-5.48	54.00	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2437 MHz		

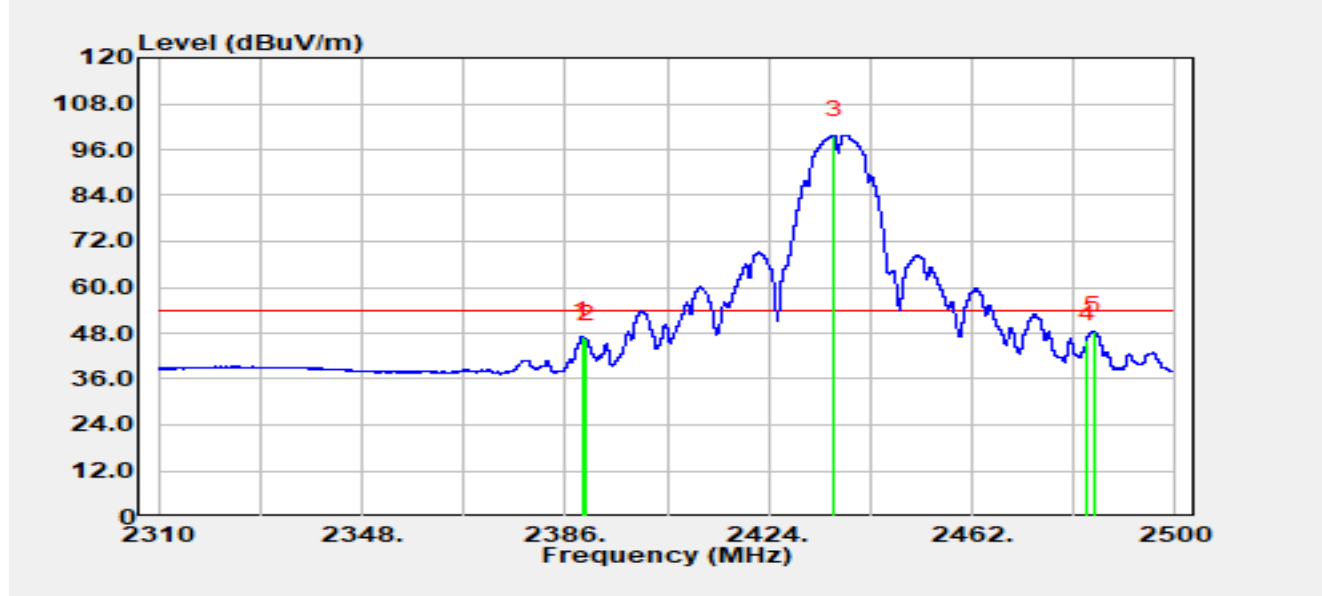


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2381.14	25.97	33.07	59.04	-14.96	74.00	Peak
2		2390.00	25.96	33.04	59.00	-15.00	74.00	Peak
3		2436.18	73.54	32.90	106.44	N/A	N/A	Peak
4		2483.50	23.98	32.77	56.75	-17.25	74.00	Peak
5		2485.03	26.08	32.77	58.85	-15.15	74.00	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2437 MHz		

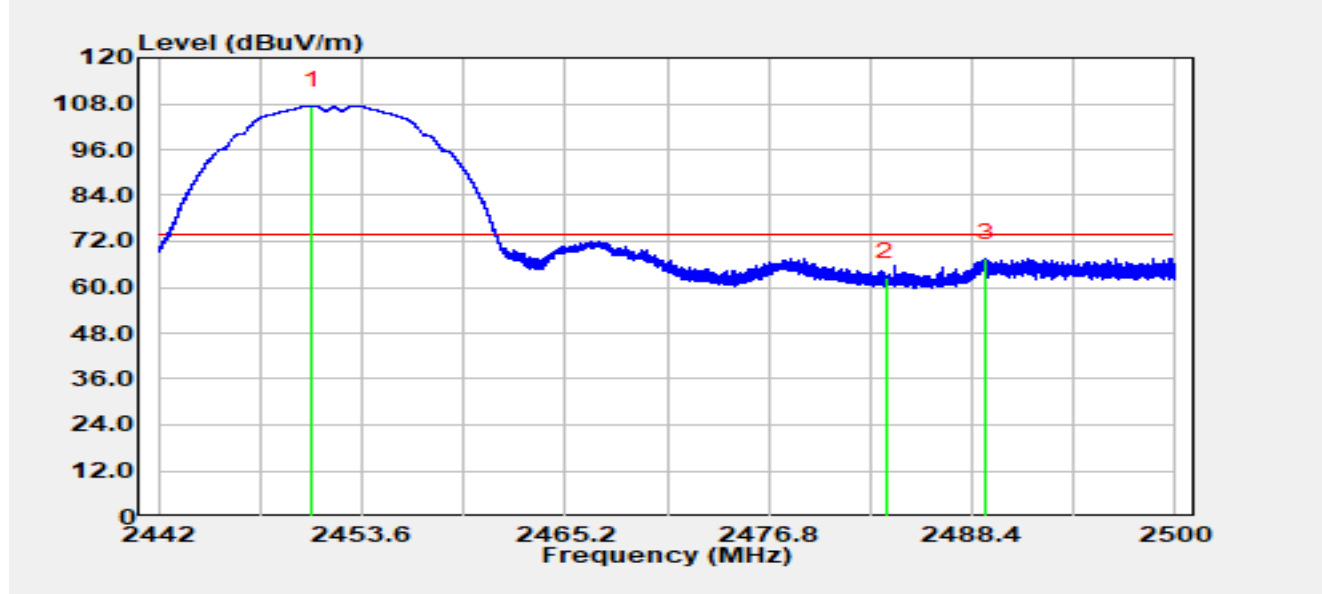


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.21	14.11	33.04	47.15	-6.85	54.00	Average
2		2390.01	13.39	33.04	46.43	-7.57	54.00	Average
3		2436.18	66.92	32.90	99.82	N/A	N/A	Average
4		2483.50	13.59	32.77	46.36	-7.64	54.00	Average
5	*	2484.76	15.87	32.77	48.64	-5.36	54.00	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2452 MHz		

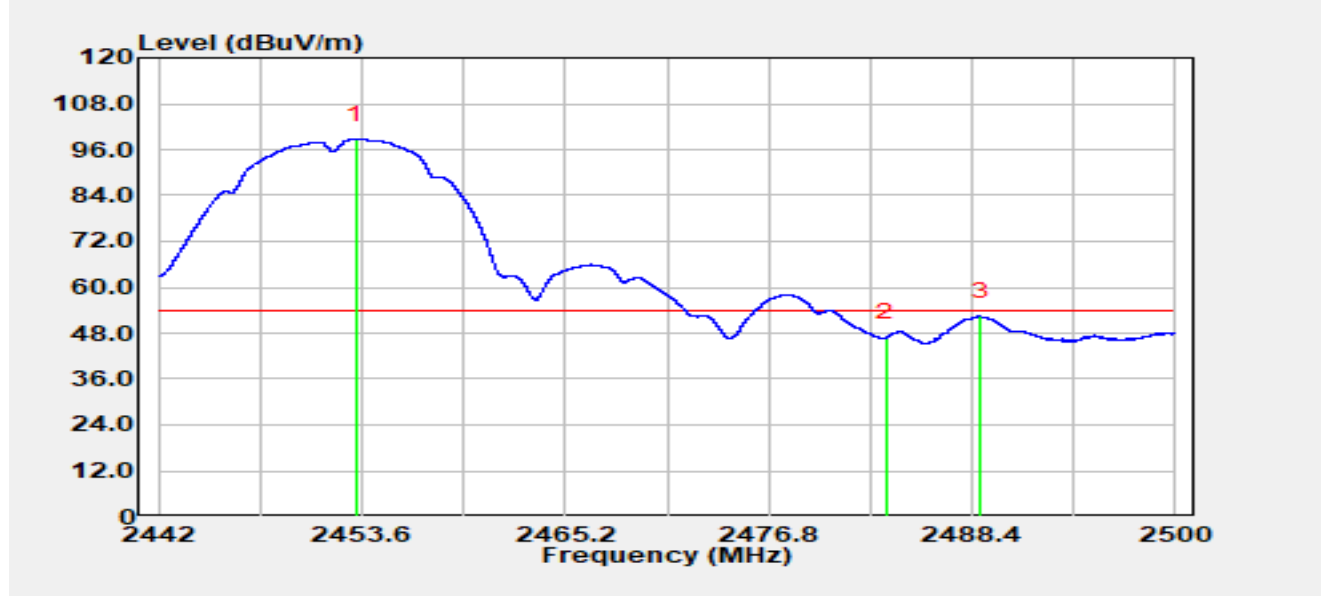


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2450.75	74.66	32.86	107.52	N/A	N/A	Peak
2		2483.50	29.74	32.77	62.51	-11.49	74.00	Peak
3	*	2489.17	34.75	32.76	67.51	-6.49	74.00	Peak

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2452 MHz		

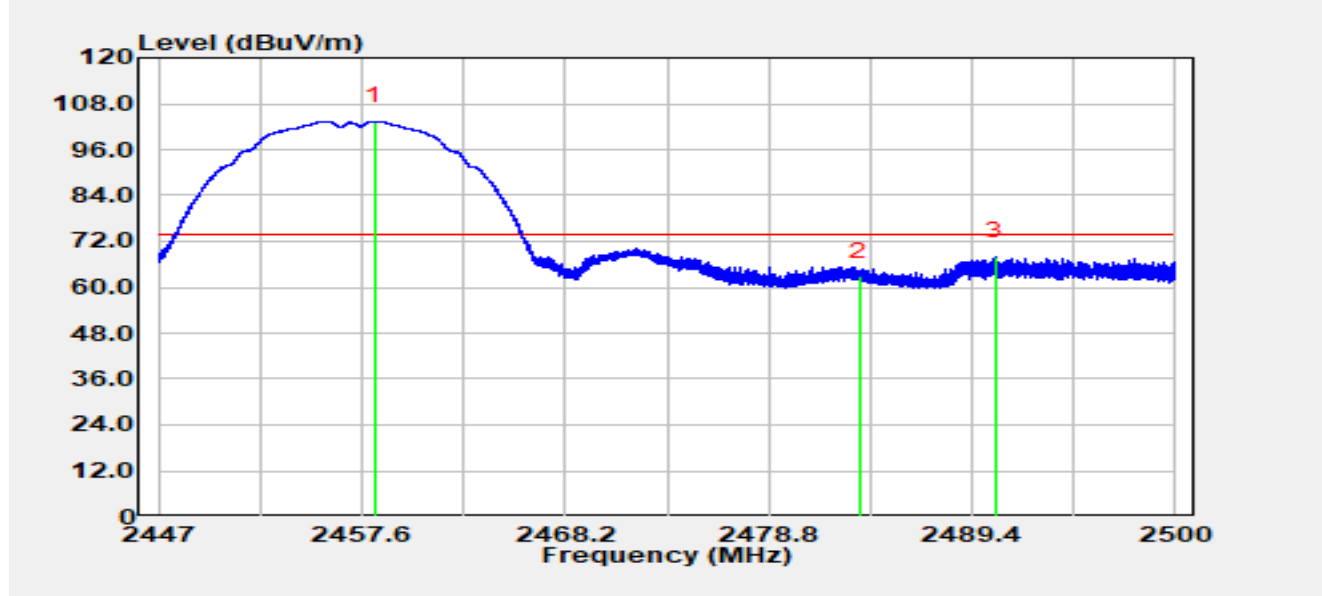


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2453.23	65.79	32.85	98.64	N/A	N/A	Average
2		2483.50	14.02	32.77	46.79	-7.21	54.00	Average
3	*	2488.86	19.57	32.76	52.33	-1.67	54.00	Average

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2457 MHz		

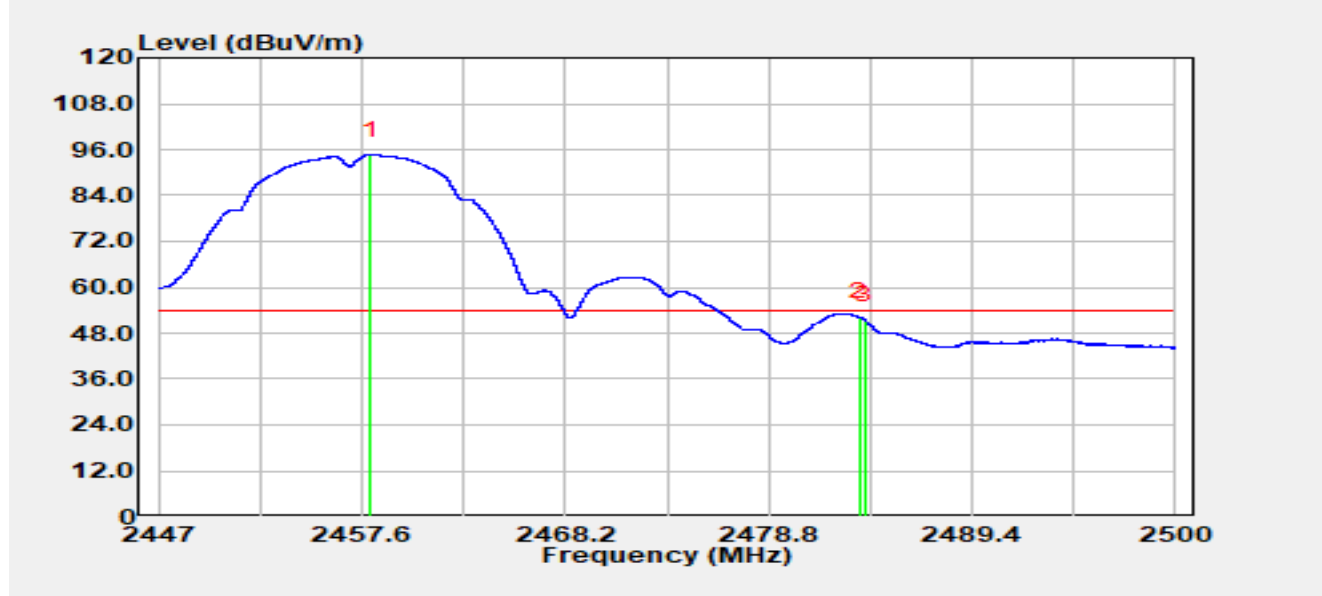


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2458.23	70.49	32.84	103.33	N/A	N/A	Peak
2		2483.50	30.06	32.77	62.83	-11.17	74.00	Peak
3	*	2490.62	35.38	32.76	68.14	-5.86	74.00	Peak

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2457 MHz		

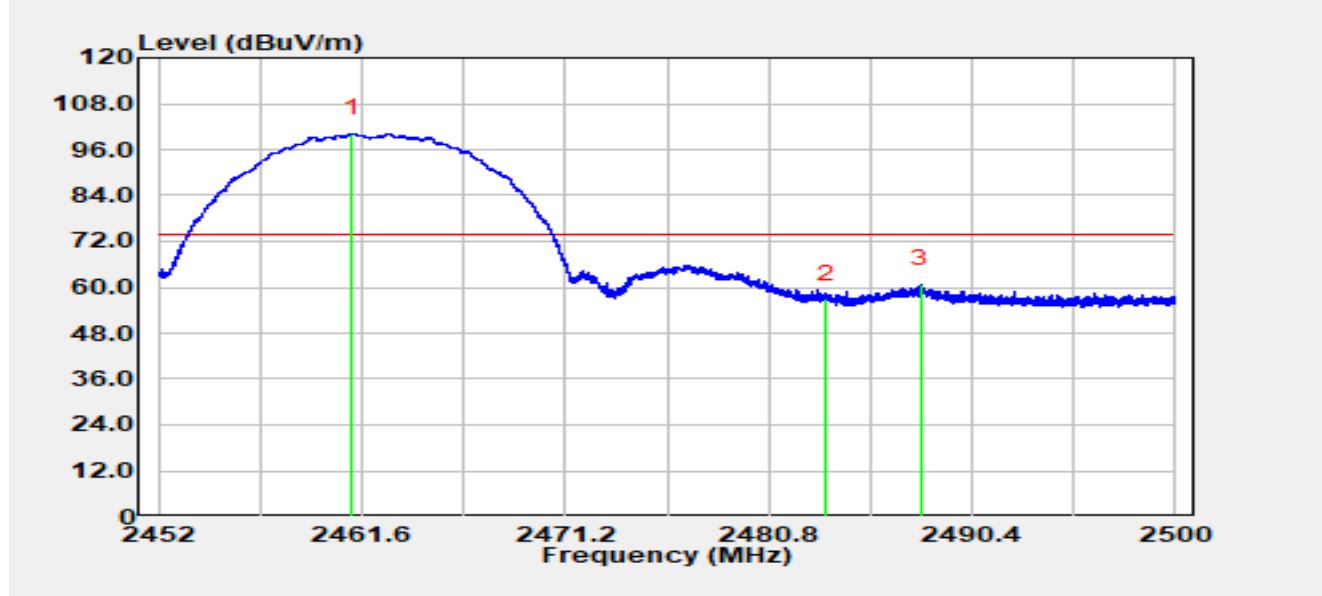


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2458.05	61.76	32.84	94.60	N/A	N/A	Average
2	*	2483.50	19.51	32.77	52.27	-1.73	54.00	Average
3		2483.83	18.49	32.77	51.26	-2.74	54.00	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2462 MHz		

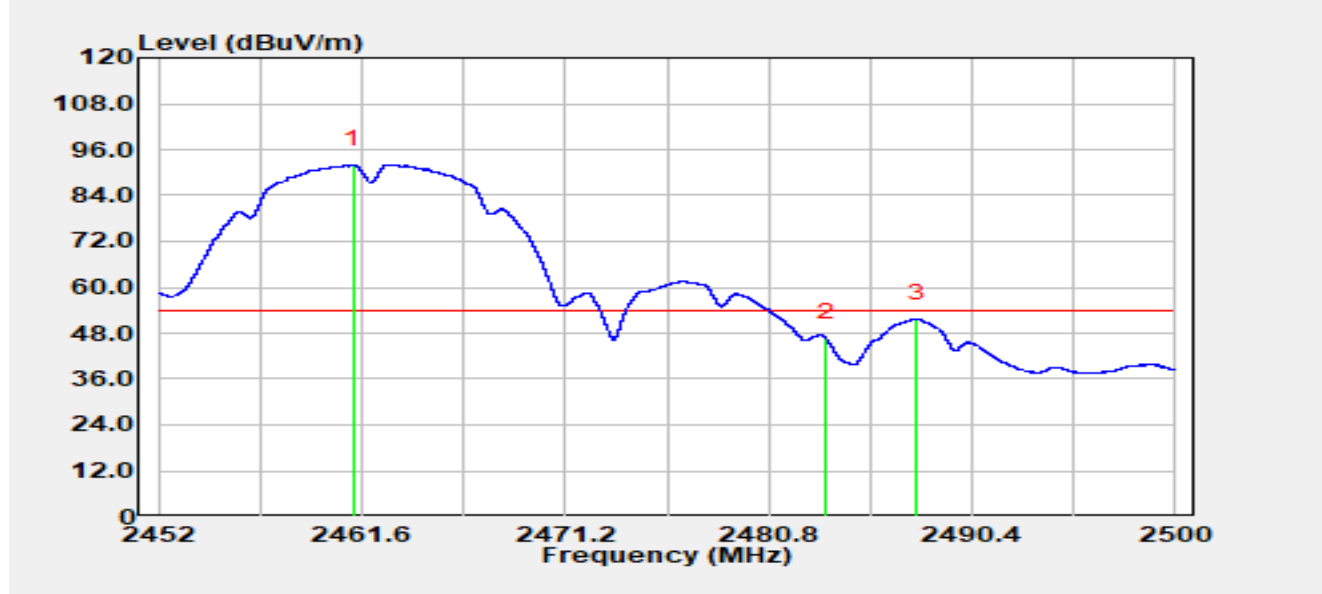


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2461.13	67.41	32.83	100.24	N/A	N/A	Peak
2		2483.50	24.18	32.77	56.95	-17.05	74.00	Peak
3	*	2487.97	28.04	32.76	60.80	-13.20	74.00	Peak

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2462 MHz		

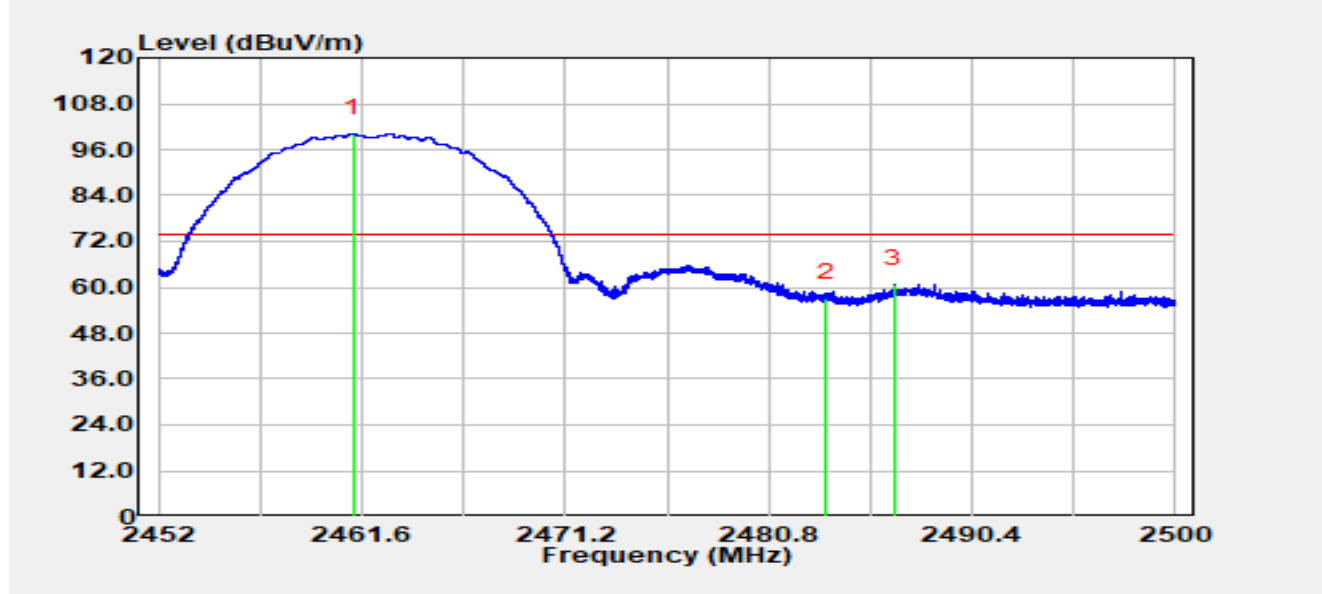


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2461.22	59.20	32.83	92.03	N/A	N/A	Average
2		2483.50	13.94	32.77	46.71	-7.29	54.00	Average
3	*	2487.78	18.89	32.76	51.66	-2.34	54.00	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2462 MHz		

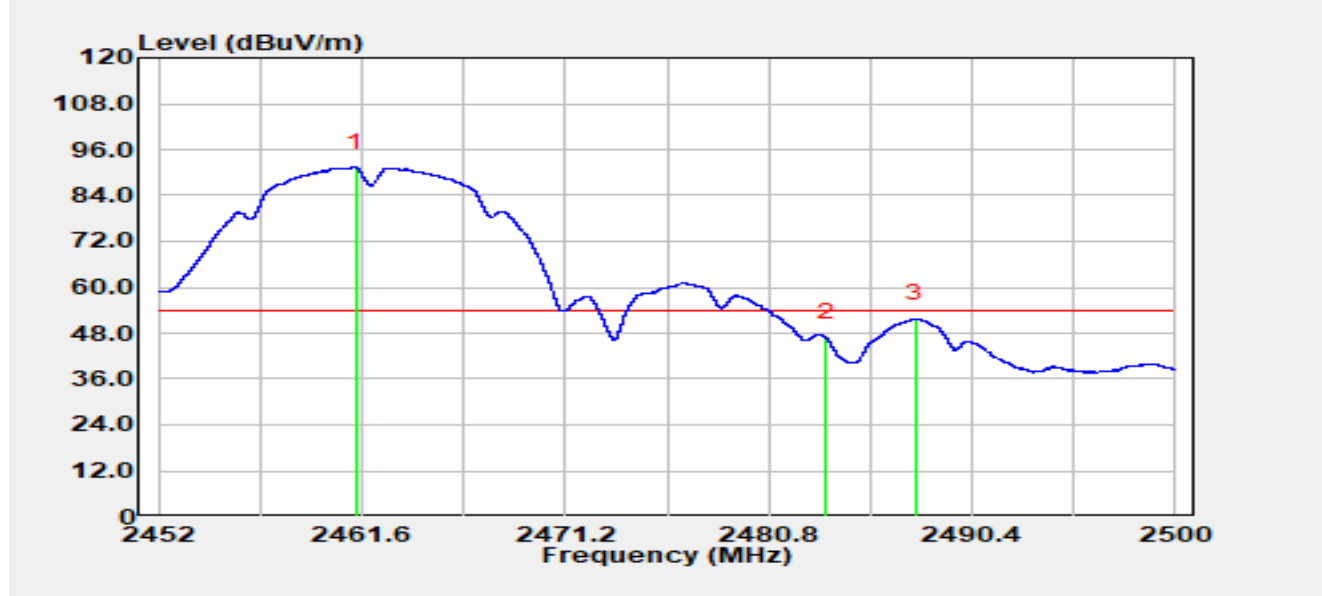


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2461.18	67.40	32.83	100.23	N/A	N/A	Peak
2		2483.50	24.48	32.77	57.25	-16.75	74.00	Peak
3	*	2486.72	27.95	32.76	60.72	-13.28	74.00	Peak

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2462 MHz		

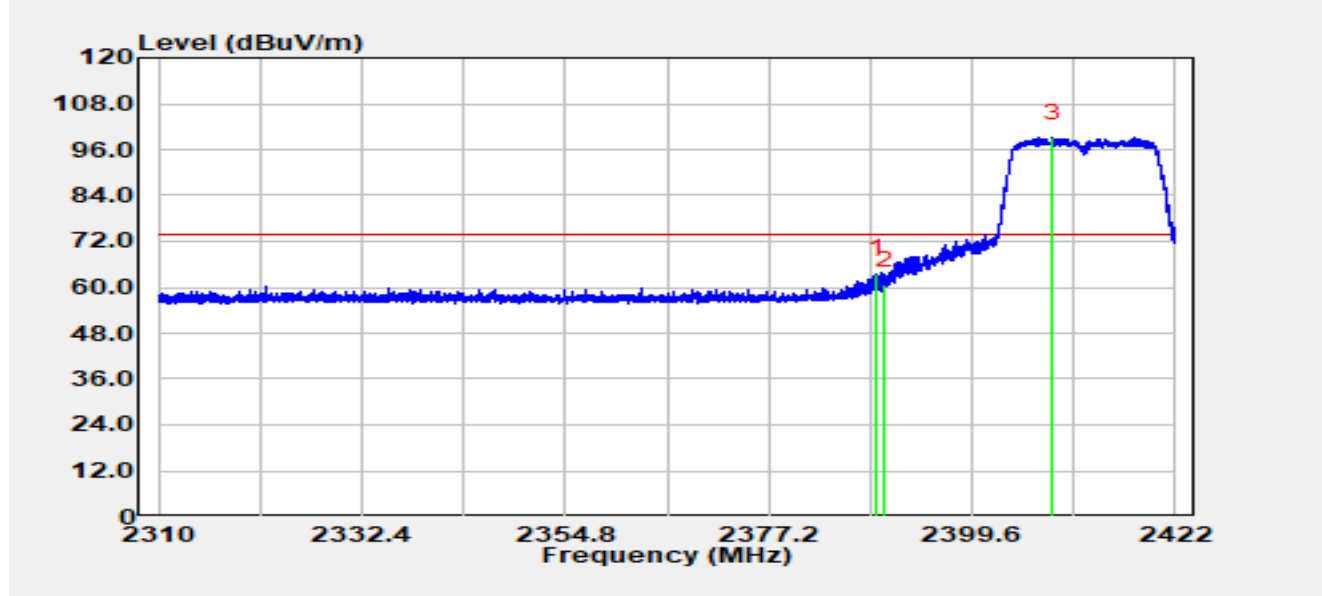


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2461.31	58.41	32.83	91.24	N/A	N/A	Average
2		2483.50	13.98	32.77	46.75	-7.25	54.00	Average
3	*	2487.75	18.91	32.76	51.68	-2.32	54.00	Average

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11g at 2412 MHz		

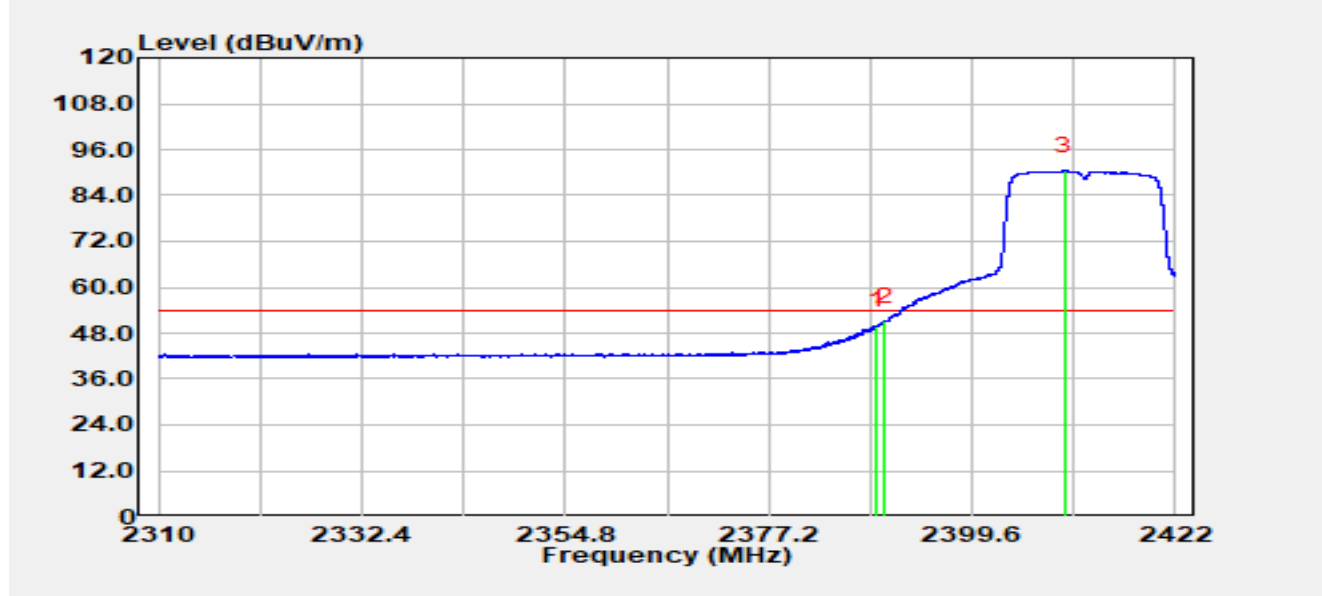


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2389.04	30.58	33.04	63.62	-10.38	74.00	Peak
2		2390.00	27.50	33.04	60.54	-13.46	74.00	Peak
3		2408.52	66.08	32.97	99.05	N/A	N/A	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11g at 2412 MHz		

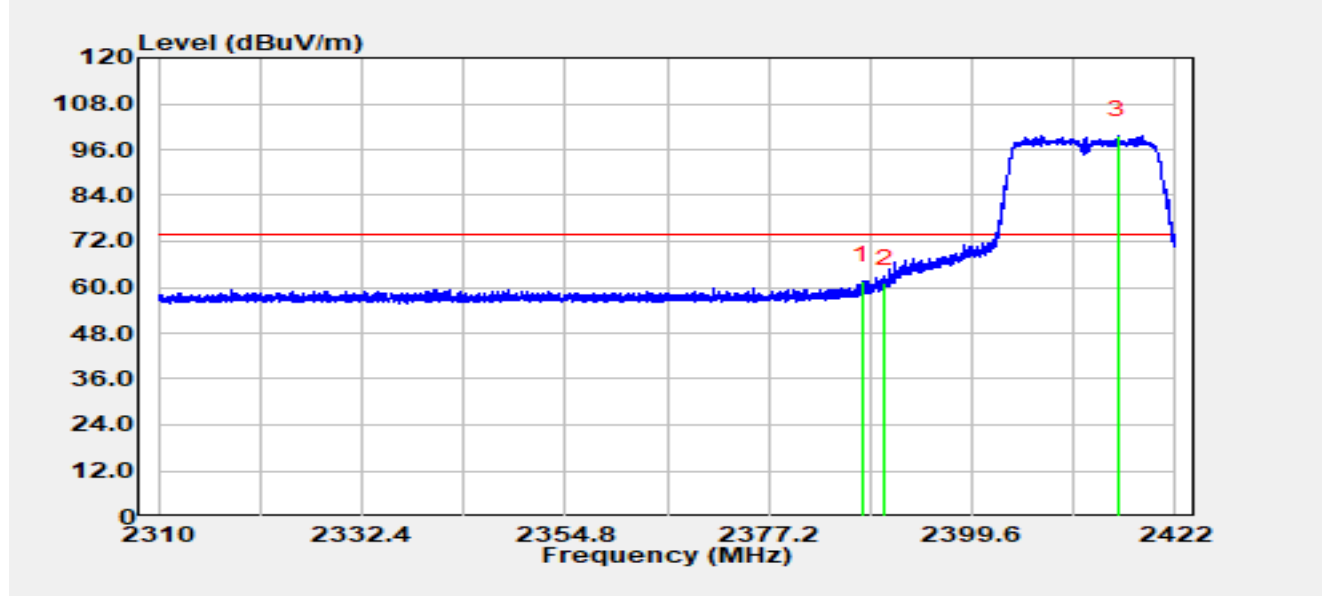


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.17	16.97	33.04	50.02	-3.98	54.00	Average
2	*	2390.00	17.94	33.04	50.98	-3.02	54.00	Average
3		2409.78	57.45	32.96	90.41	N/A	N/A	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2412 MHz		

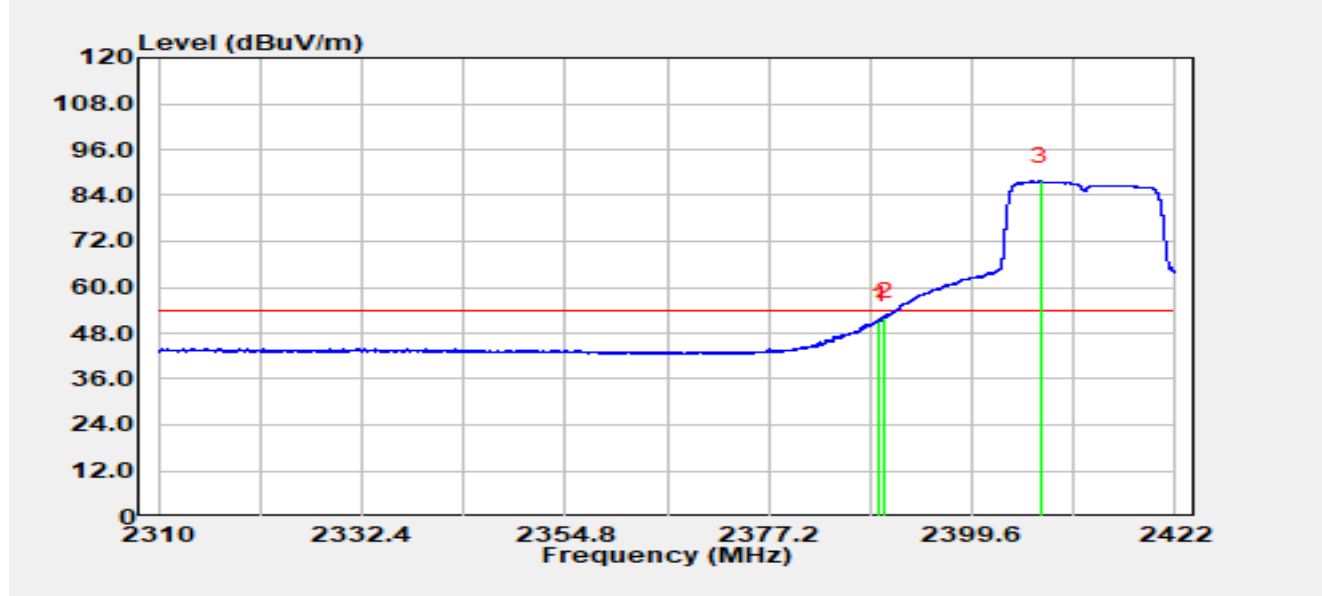


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2387.46	28.71	33.05	61.76	-12.24	74.00	Peak
2		2390.00	28.02	33.04	61.06	-12.94	74.00	Peak
3		2415.65	66.81	32.94	99.75	N/A	N/A	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2412 MHz		

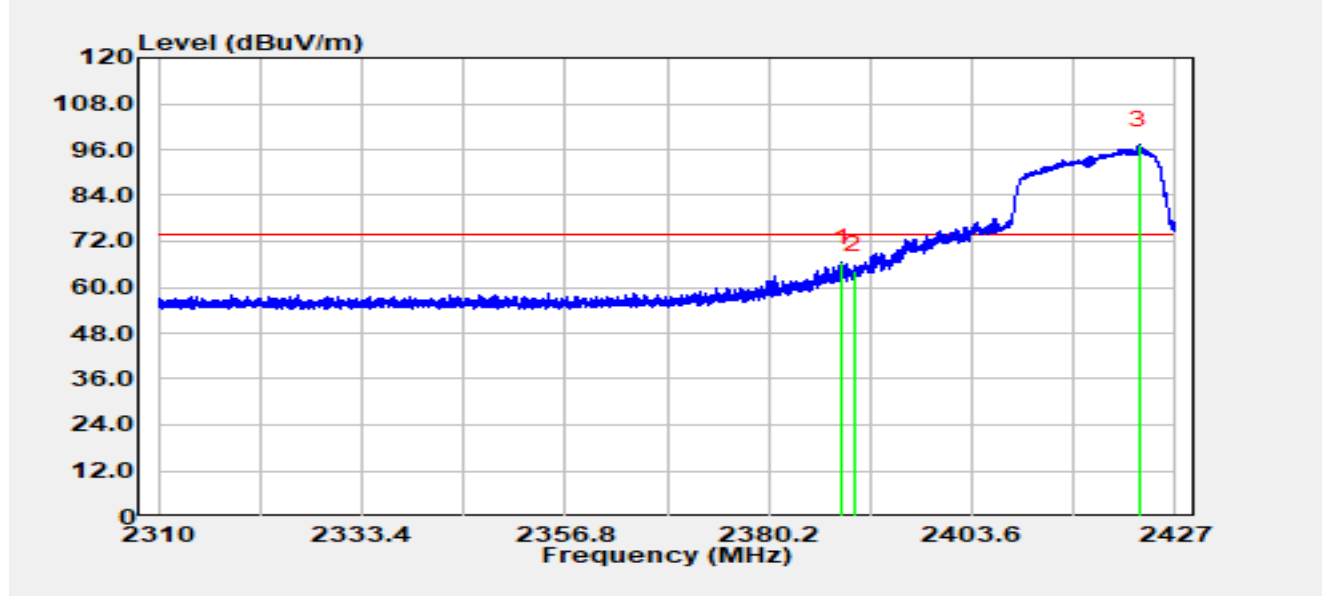


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.40	18.24	33.04	51.28	-2.72	54.00	Average
2	*	2390.00	19.21	33.04	52.25	-1.75	54.00	Average
3		2407.08	54.69	32.97	87.66	N/A	N/A	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-18
Temperature	25.4 °C	Humidity	30.2%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2417 MHz		

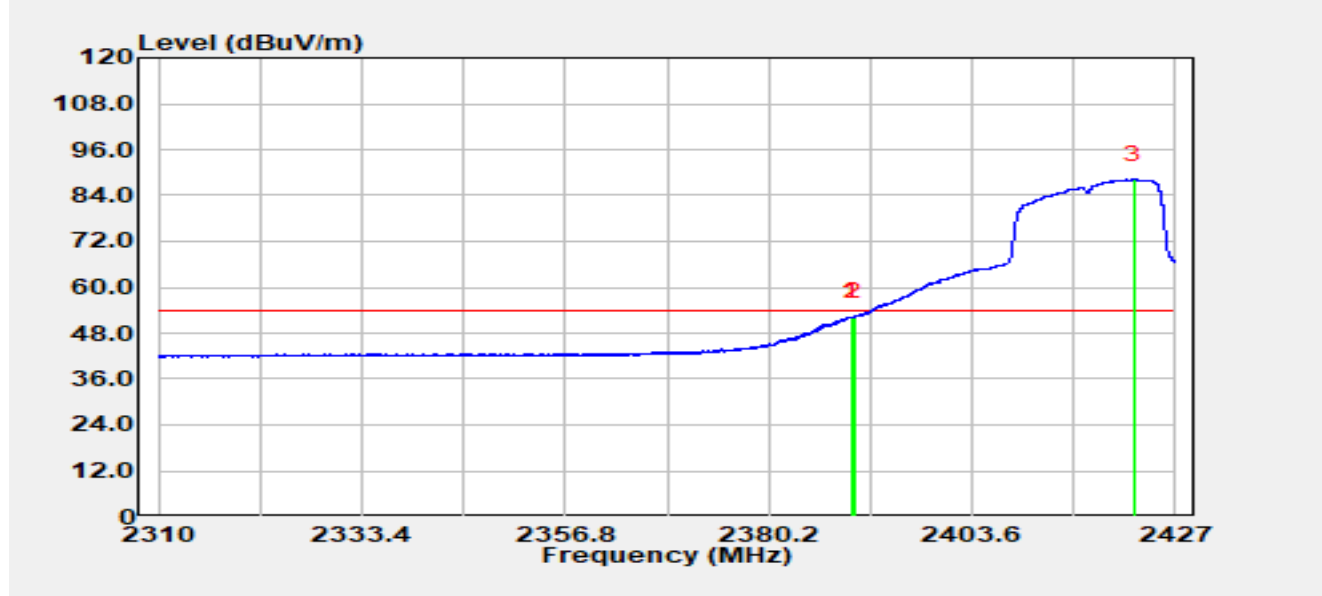


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2388.63	33.32	33.05	66.37	-7.63	74.00	Peak
2		2390.00	31.38	33.04	64.42	-9.58	74.00	Peak
3		2422.85	64.25	32.92	97.17	N/A	N/A	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-18
Temperature	25.4 °C	Humidity	30.2%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2417 MHz		

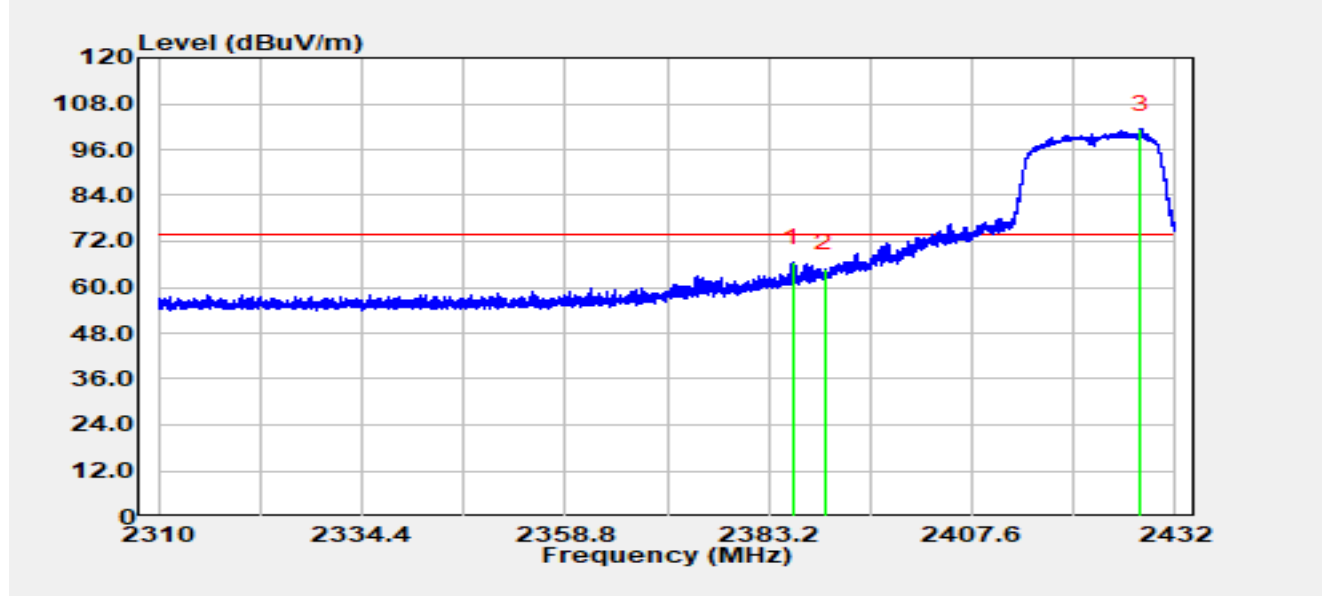


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.65	19.17	33.04	52.21	-1.79	54.00	Average
2	*	2390.00	19.21	33.04	52.25	-1.75	54.00	Average
3		2422.17	55.24	32.92	88.15	N/A	N/A	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-18
Temperature	25.4 °C	Humidity	30.2%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2422 MHz		

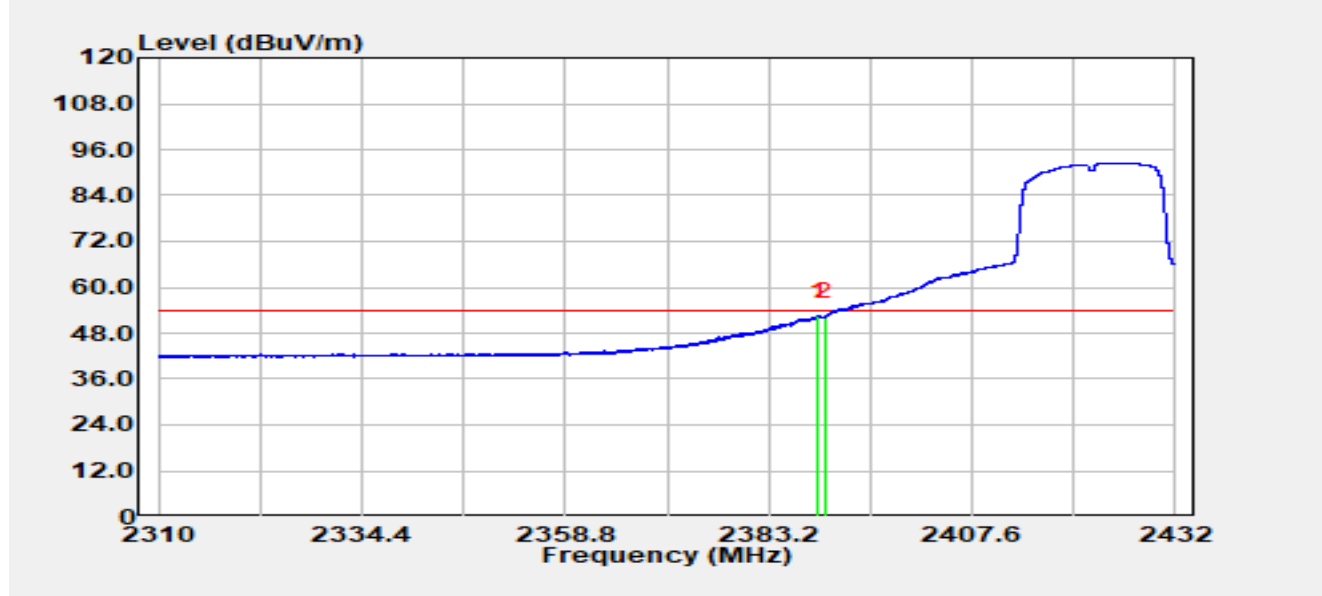


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2386.18	33.41	33.06	66.47	-7.53	74.00	Peak
2		2390.00	31.78	33.04	64.82	-9.18	74.00	Peak
3		2427.79	68.49	32.91	101.40	N/A	N/A	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-18
Temperature	25.4 °C	Humidity	30.2%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2422 MHz		

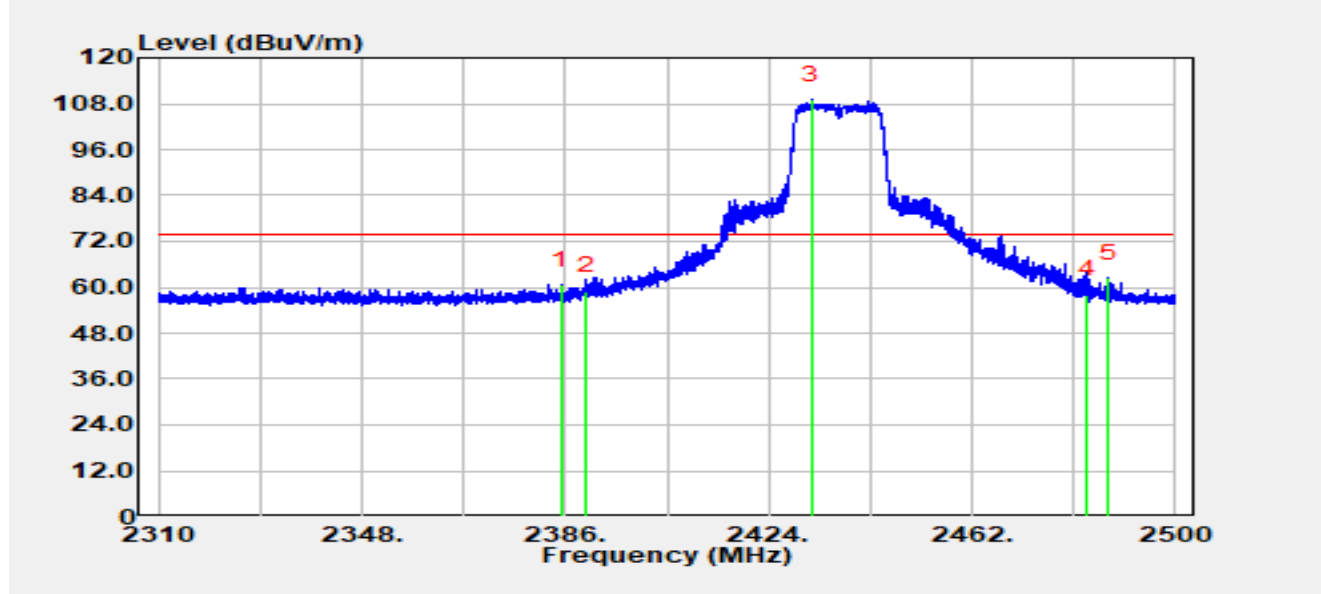


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.22	19.39	33.04	52.43	N/A	N/A	Average
2	*	2390.00	19.04	33.04	52.08	-1.92	54.00	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11g at 2437 MHz		

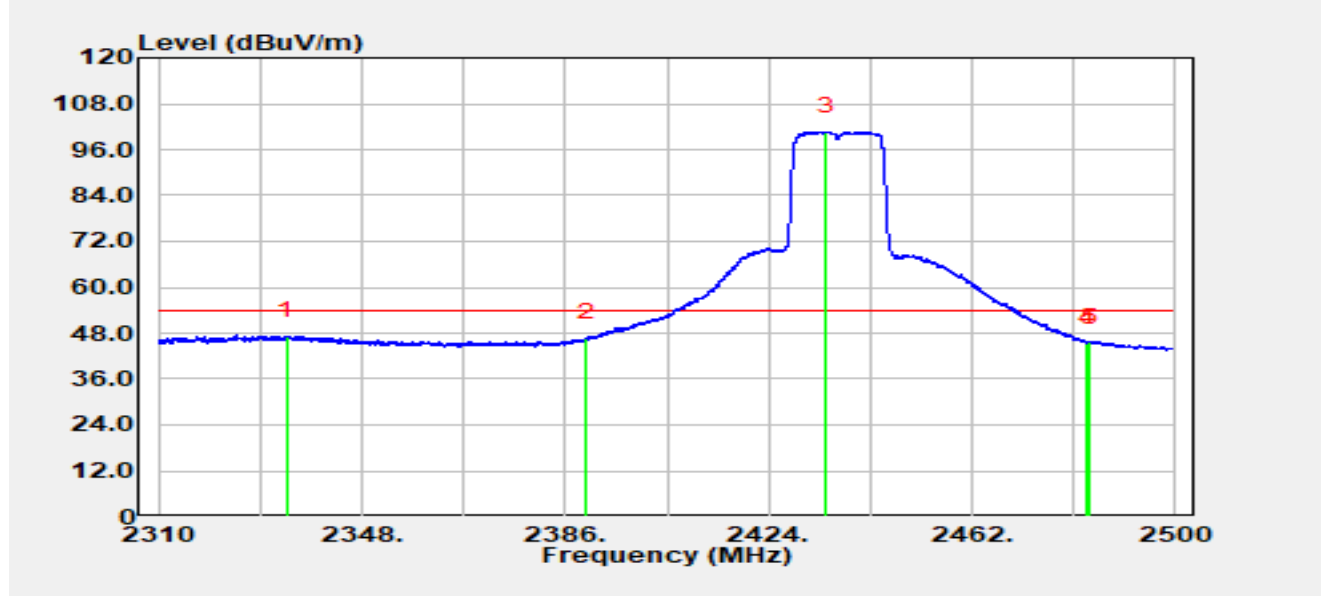


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2385.30	27.45	33.06	60.51	-13.49	74.00	Peak
2		2390.00	25.98	33.04	59.02	-14.98	74.00	Peak
3		2432.02	76.04	32.91	108.95	N/A	N/A	Peak
4		2483.50	25.40	32.77	58.17	-15.83	74.00	Peak
5	*	2487.40	29.60	32.76	62.37	-11.63	74.00	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11g at 2437 MHz		

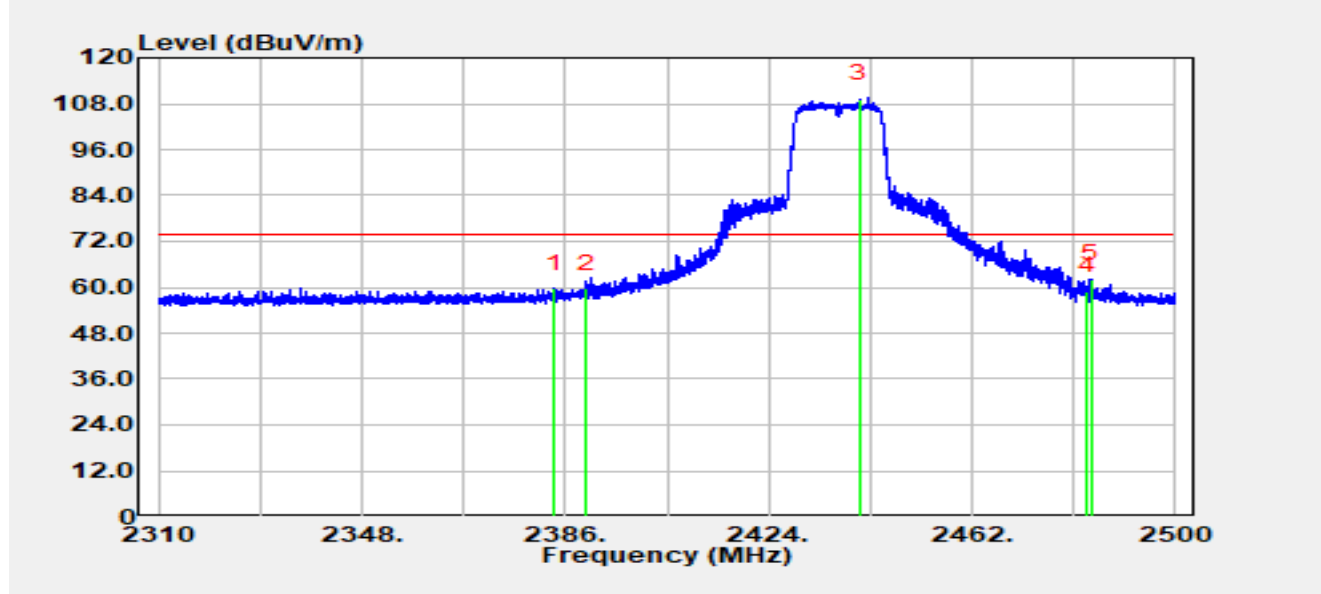


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2334.07	14.04	33.17	47.22	-6.78	54.00	Average
2		2390.00	13.60	33.04	46.64	-7.36	54.00	Average
3		2434.70	67.82	32.90	100.72	N/A	N/A	Average
4		2483.50	12.72	32.77	45.49	-8.51	54.00	Average
5		2484.12	12.93	32.77	45.70	-8.30	54.00	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2437 MHz		

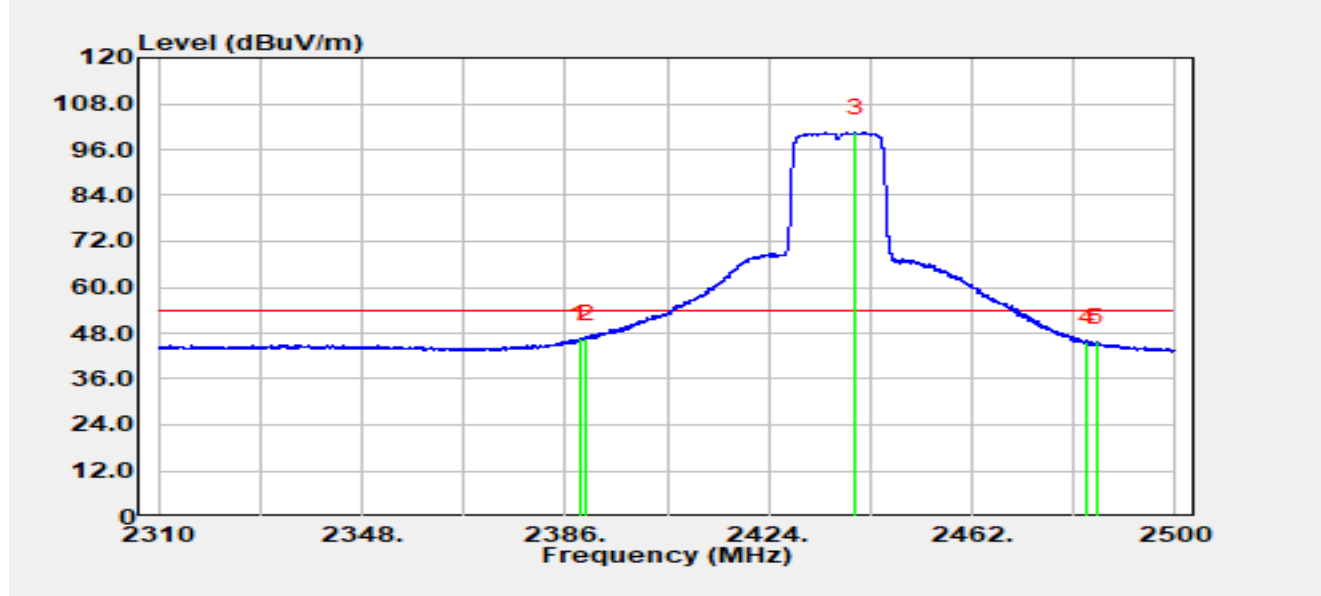


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2384.01	26.49	33.06	59.56	-14.44	74.00	Peak
2		2390.00	26.53	33.04	59.57	-14.43	74.00	Peak
3		2441.06	76.28	32.89	109.17	N/A	N/A	Peak
4		2483.50	26.17	32.77	58.94	-15.06	74.00	Peak
5	*	2484.15	29.45	32.77	62.22	-11.78	74.00	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2437 MHz		

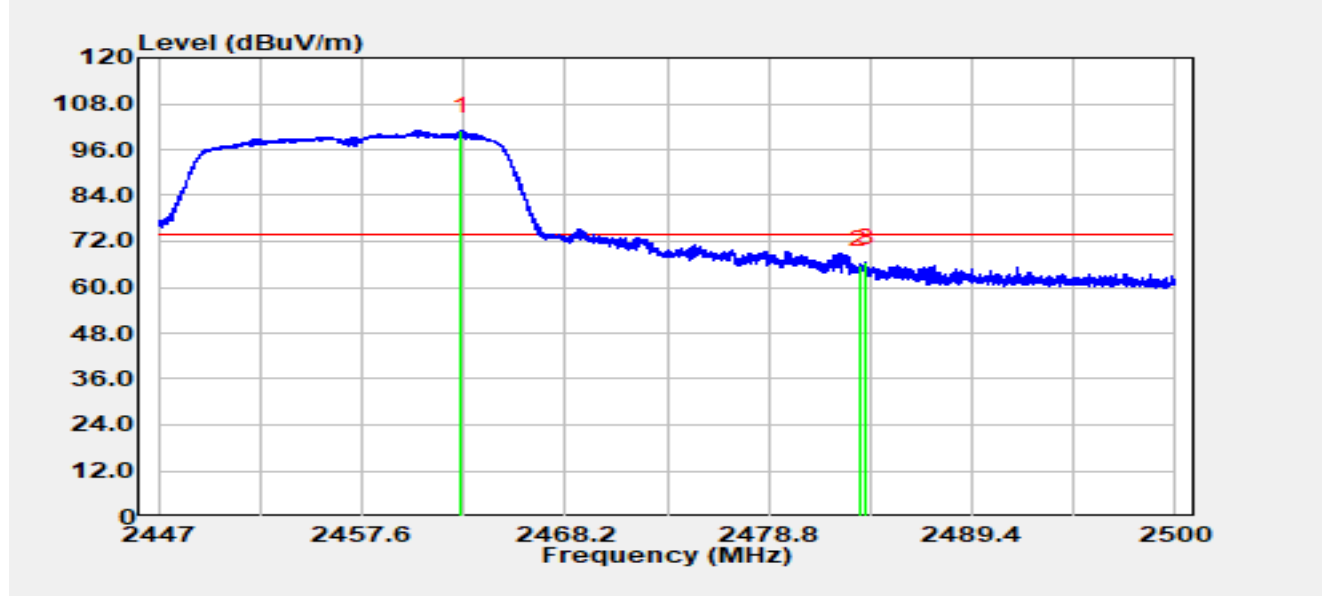


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2388.81	13.45	33.05	46.50	-7.50	54.00	Average
2		2390.00	13.44	33.04	46.48	-7.52	54.00	Average
3		2440.11	67.49	32.89	100.38	N/A	N/A	Average
4		2483.50	12.84	32.77	45.61	-8.39	54.00	Average
5		2485.33	12.84	32.77	45.60	-8.40	54.00	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-18
Temperature	25.4 °C	Humidity	30.2%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2457 MHz		

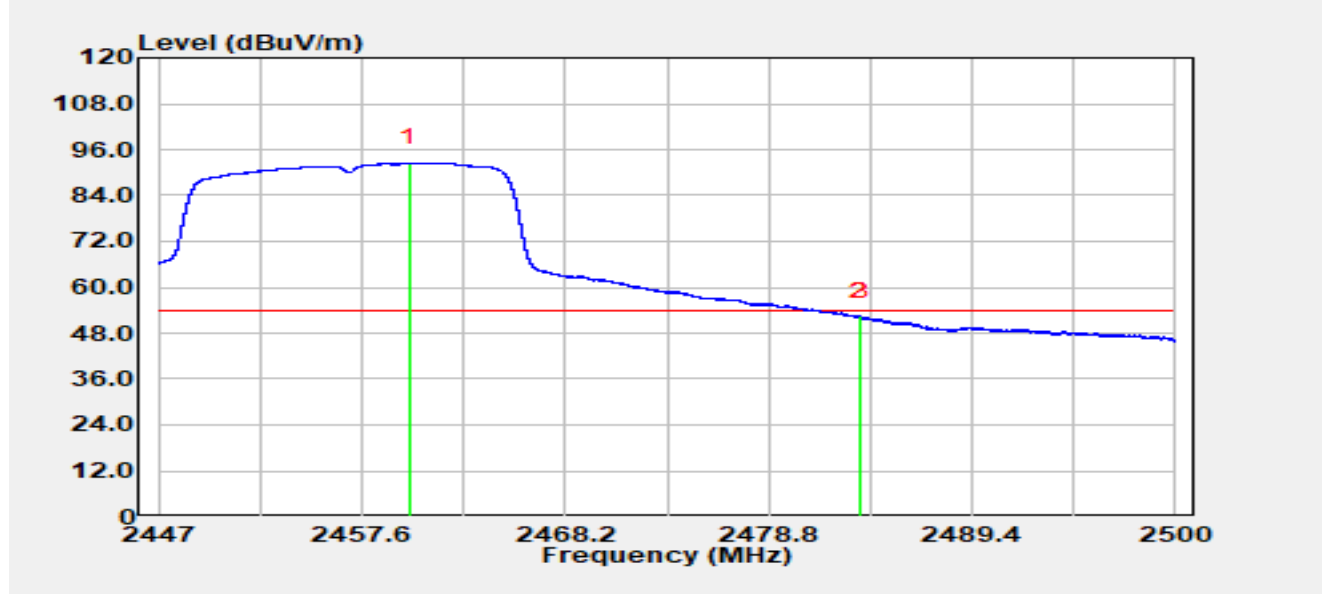


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2462.78	68.15	32.82	100.98	N/A	N/A	Peak
2		2483.50	33.12	32.77	65.88	-8.12	74.00	Peak
3	*	2483.89	33.69	32.77	66.46	-7.54	74.00	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-18
Temperature	25.4 °C	Humidity	30.2%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2457 MHz		

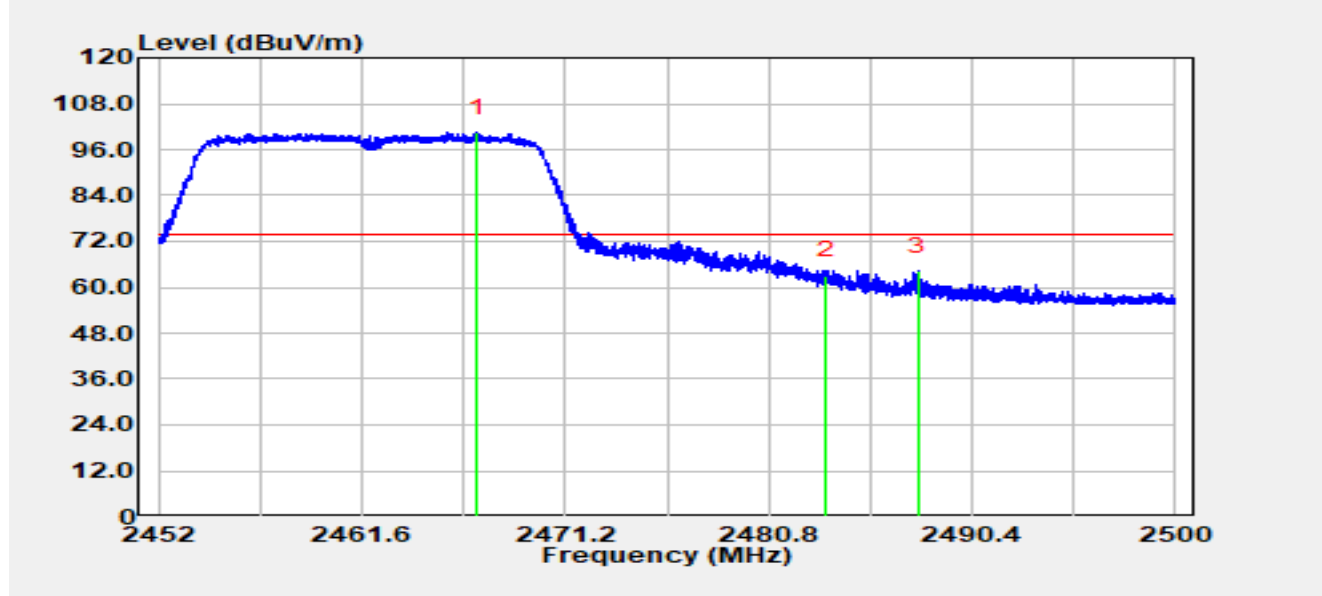


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2460.06	59.67	32.83	92.50	N/A	N/A	Average
2	*	2483.50	19.57	32.77	52.34	-1.66	54.00	Average
3		2483.63	19.41	32.77	52.18	-1.82	54.00	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11g at 2462 MHz		

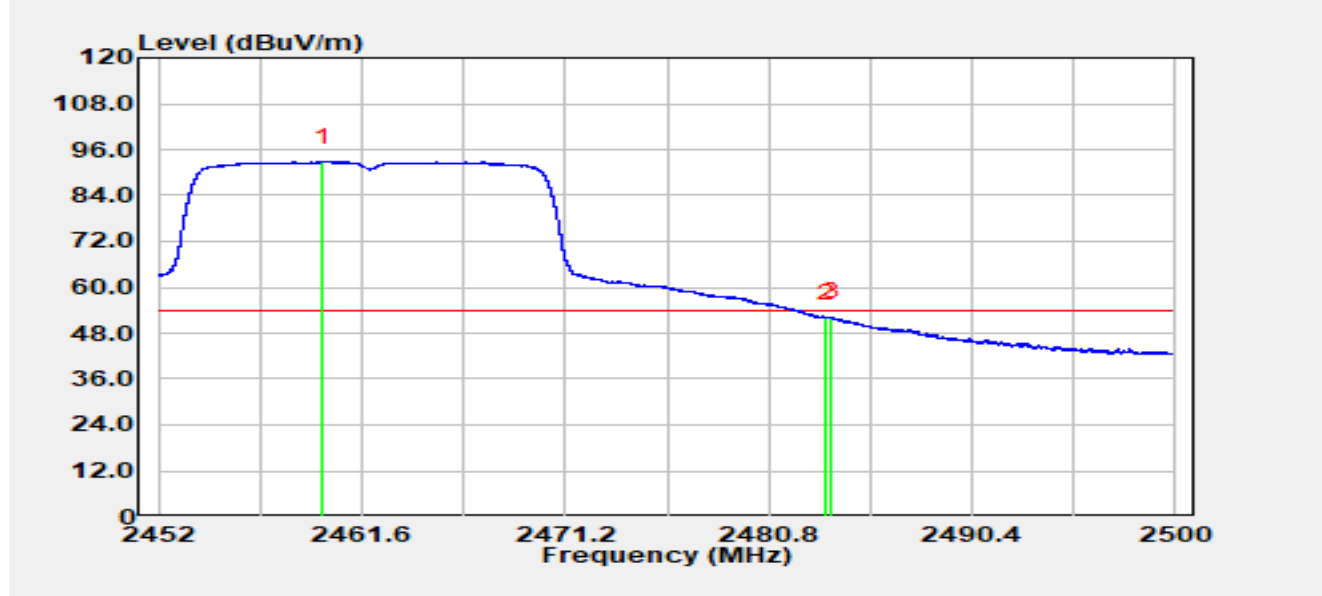


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2467.02	67.51	32.81	100.32	N/A	N/A	Peak
2		2483.50	30.32	32.77	63.09	-10.91	74.00	Peak
3	*	2487.86	31.39	32.76	64.15	-9.85	74.00	Peak

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11g at 2462 MHz		

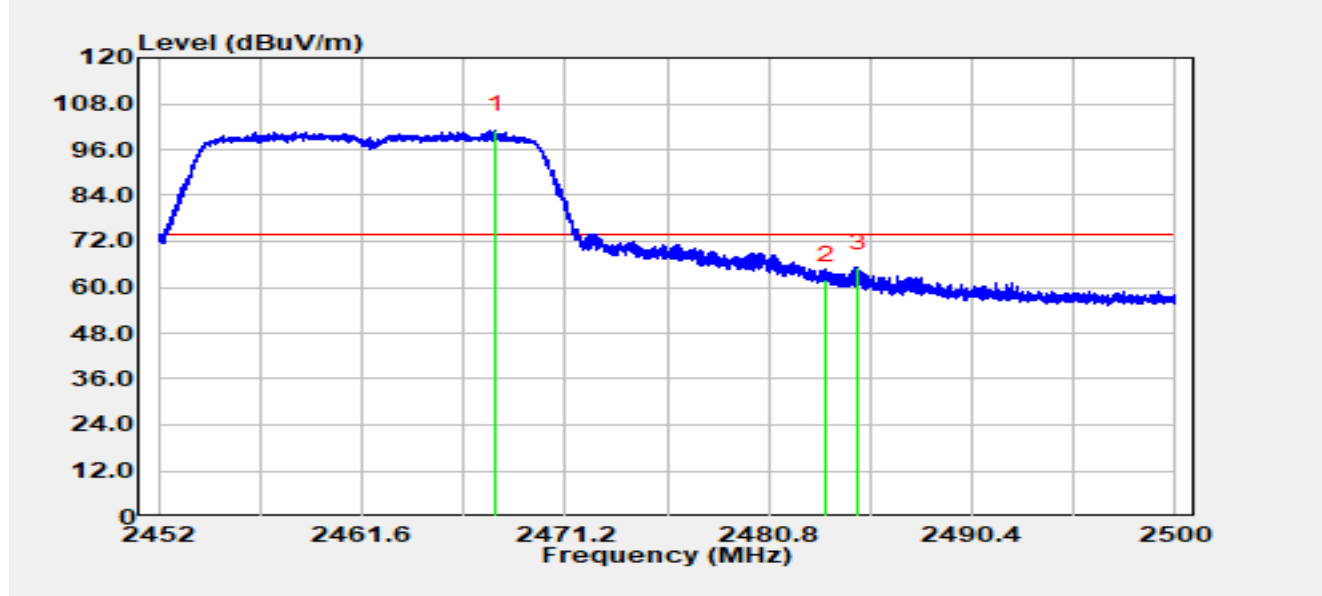


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2459.77	59.99	32.83	92.82	N/A	N/A	Average
2		2483.50	19.27	32.77	52.04	-1.96	54.00	Average
3	*	2483.77	19.46	32.77	52.22	-1.78	54.00	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2462 MHz		

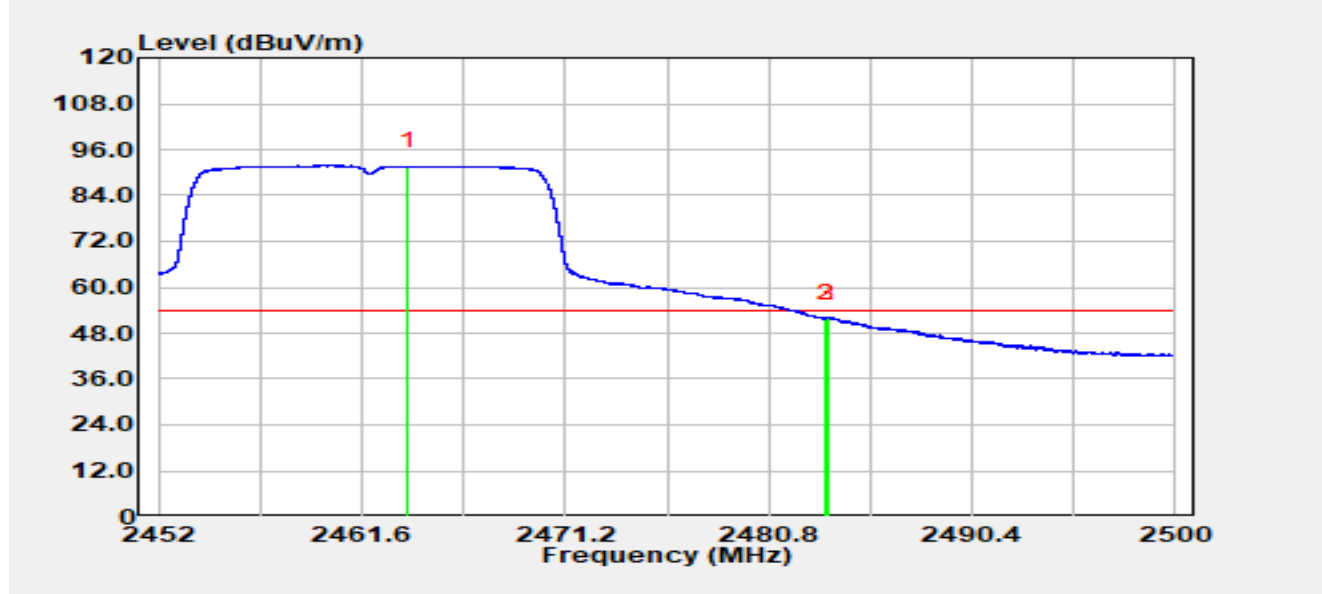


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2467.91	68.34	32.81	101.15	N/A	N/A	Peak
2		2483.50	29.06	32.77	61.83	-12.17	74.00	Peak
3	*	2485.05	32.36	32.77	65.13	-8.87	74.00	Peak

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11g at 2462 MHz		

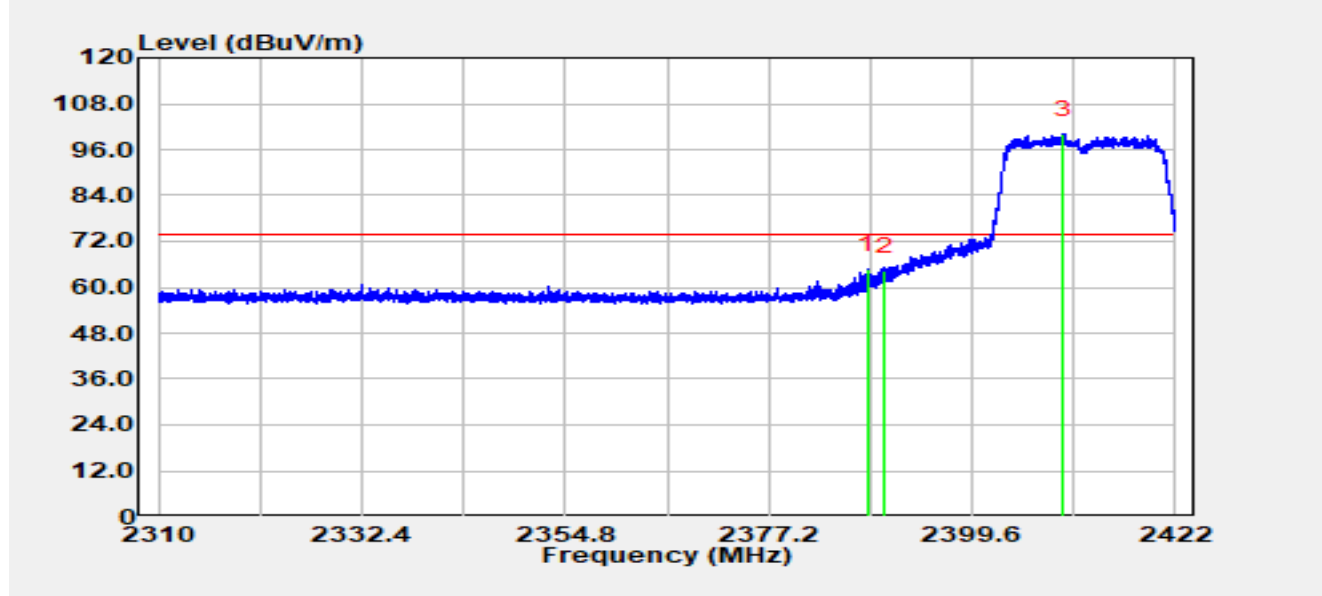


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2463.80	58.85	32.82	91.67	N/A	N/A	Average
2		2483.50	19.07	32.77	51.84	-2.16	54.00	Average
3	*	2483.60	19.26	32.77	52.03	-1.97	54.00	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2412 MHz		

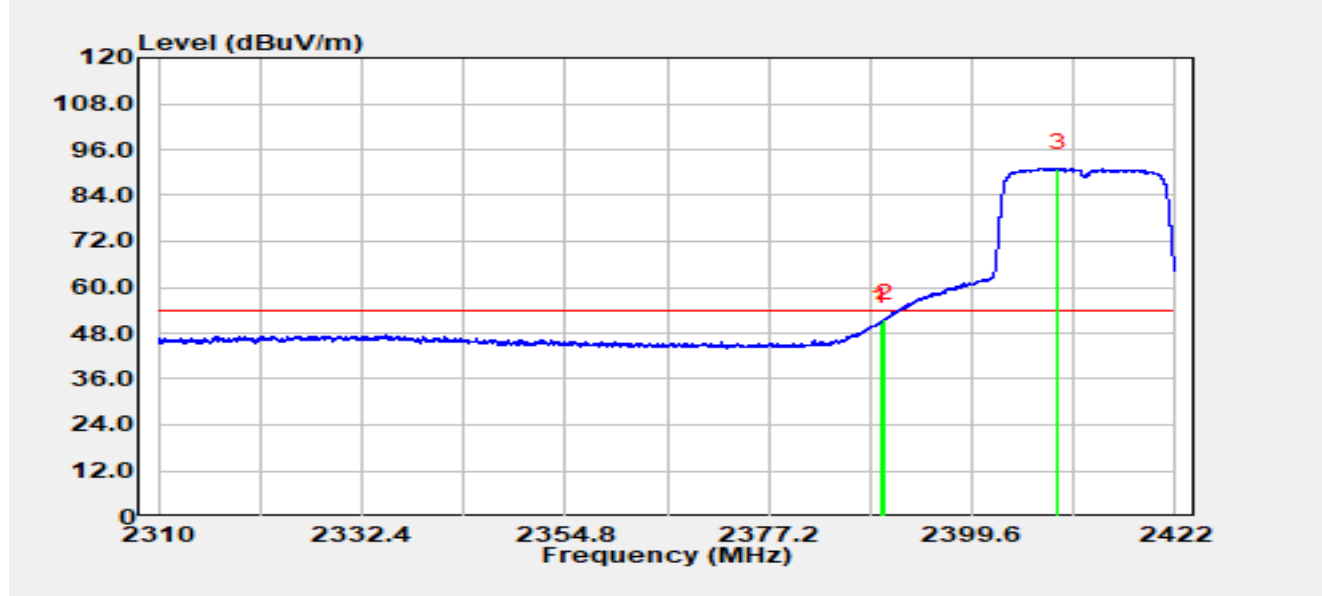


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2388.06	31.61	33.05	64.66	-9.34	74.00	Peak
2		2390.00	31.08	33.04	64.12	-9.88	74.00	Peak
3		2409.71	66.98	32.96	99.94	N/A	N/A	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2412 MHz		

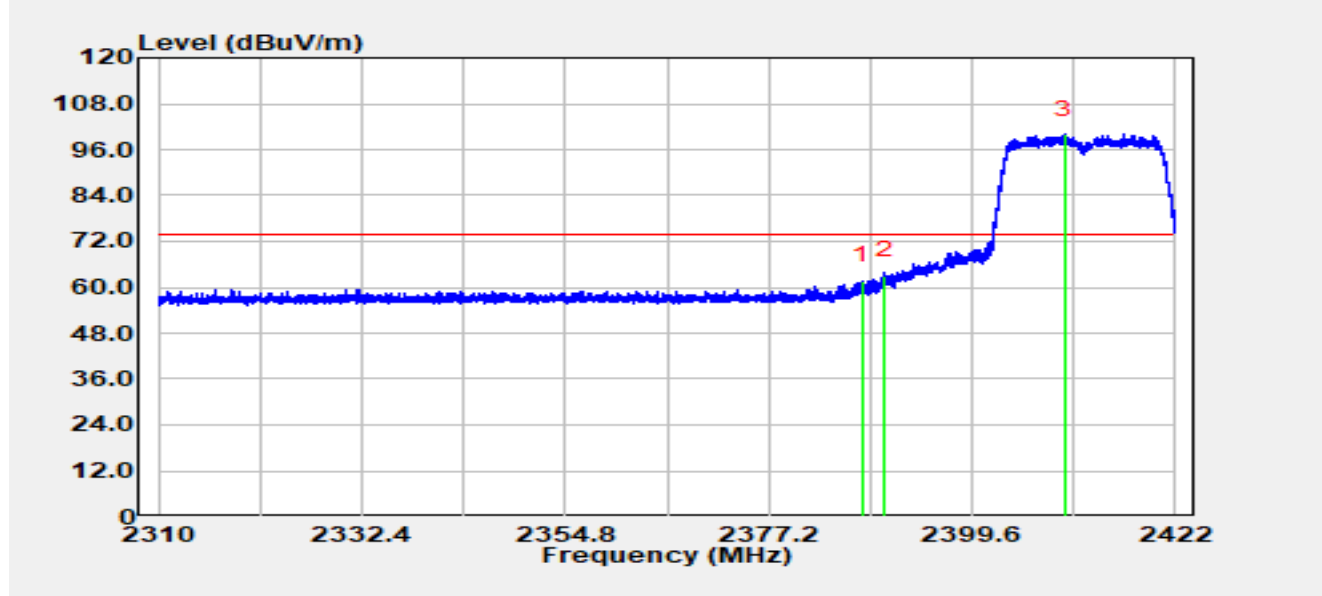


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.50	17.75	33.04	50.79	-3.21	54.00	Average
2	*	2390.00	18.63	33.04	51.68	-2.32	54.00	Average
3		2409.10	58.06	32.96	91.02	N/A	N/A	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2412 MHz		

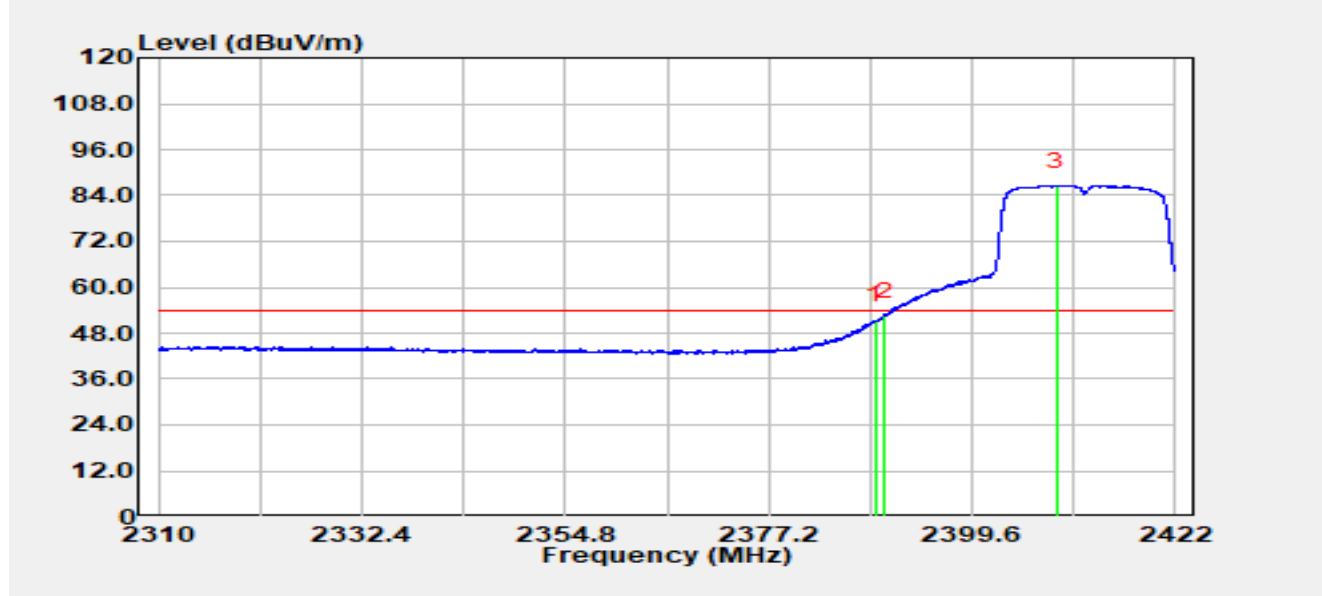


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2387.47	28.64	33.05	61.69	-12.31	74.00	Peak
2	*	2390.00	30.00	33.04	63.04	-10.96	74.00	Peak
3		2409.77	67.07	32.96	100.03	N/A	N/A	Peak

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2412 MHz		

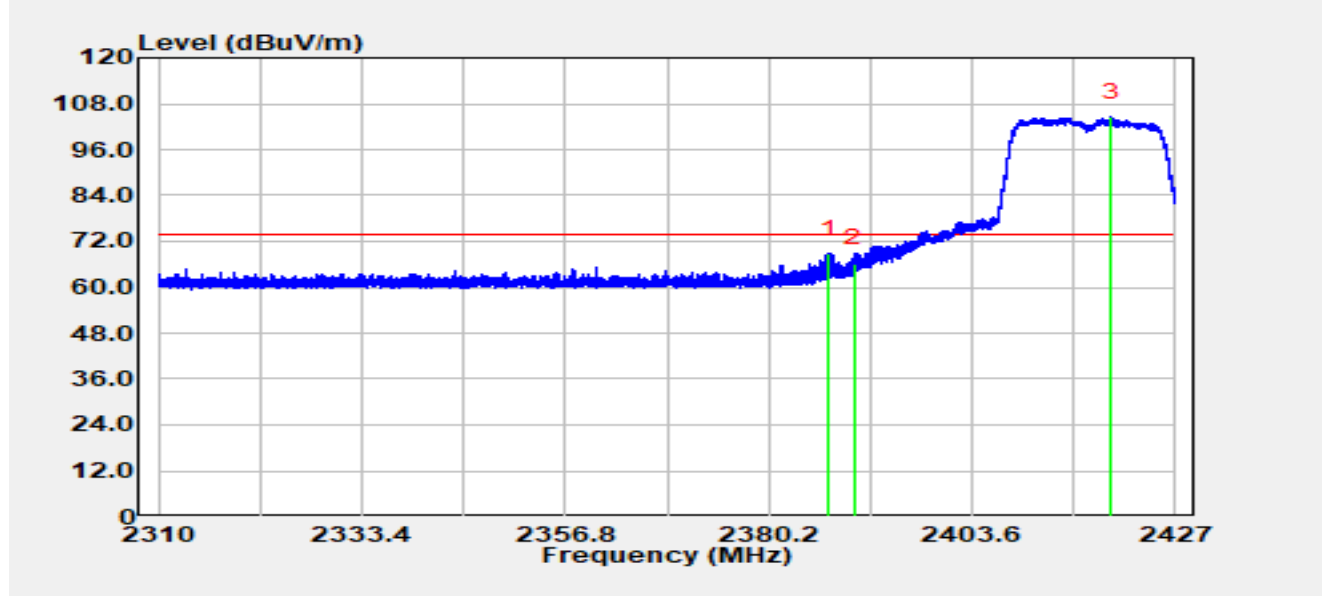


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2388.93	18.23	33.05	51.28	-2.72	54.00	Average
2	*	2390.00	19.44	33.04	52.48	-1.52	54.00	Average
3		2408.85	53.50	32.97	86.46	N/A	N/A	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2417 MHz		

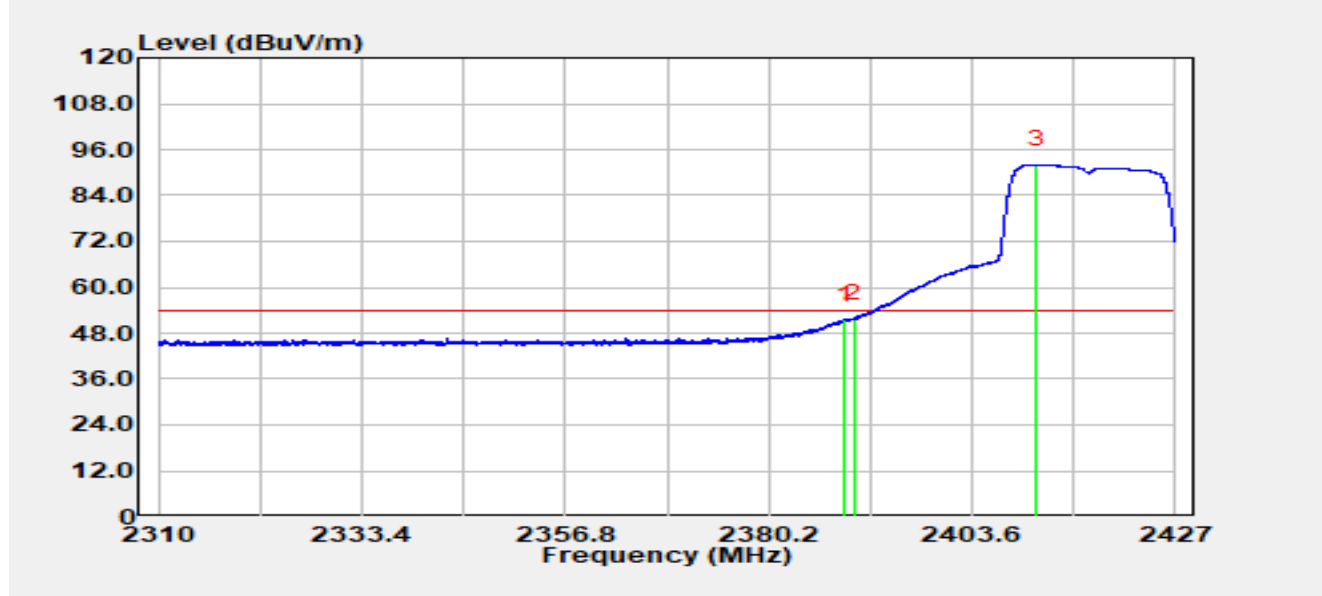


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2387.13	35.76	33.05	68.82	-5.18	74.00	Peak
2		2390.00	33.22	33.04	66.26	-7.74	74.00	Peak
3		2419.55	71.60	32.92	104.52	N/A	N/A	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2417 MHz		

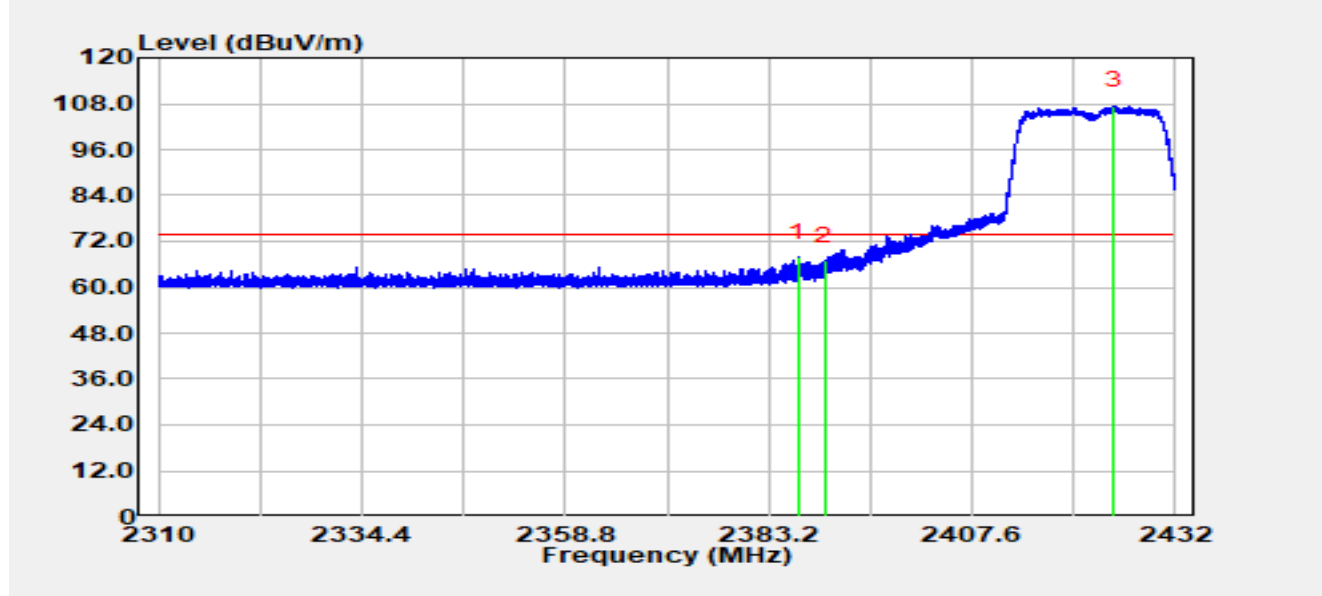


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2388.99	18.48	33.04	51.52	-2.48	54.00	Average
2	*	2390.00	18.80	33.04	51.84	-2.16	54.00	Average
3		2411.02	59.06	32.96	92.02	N/A	N/A	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2422 MHz		

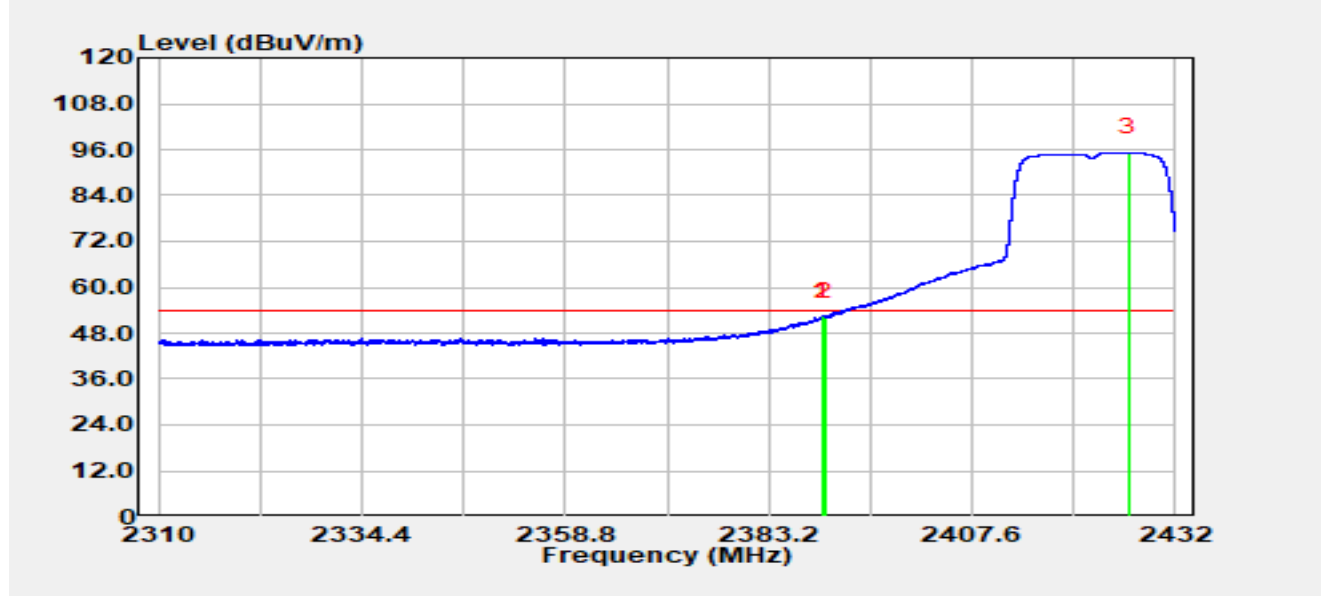


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2386.71	34.78	33.05	67.83	-6.17	74.00	Peak
2		2390.00	33.97	33.04	67.02	-6.98	74.00	Peak
3		2424.69	74.63	32.92	107.55	N/A	N/A	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2422 MHz		

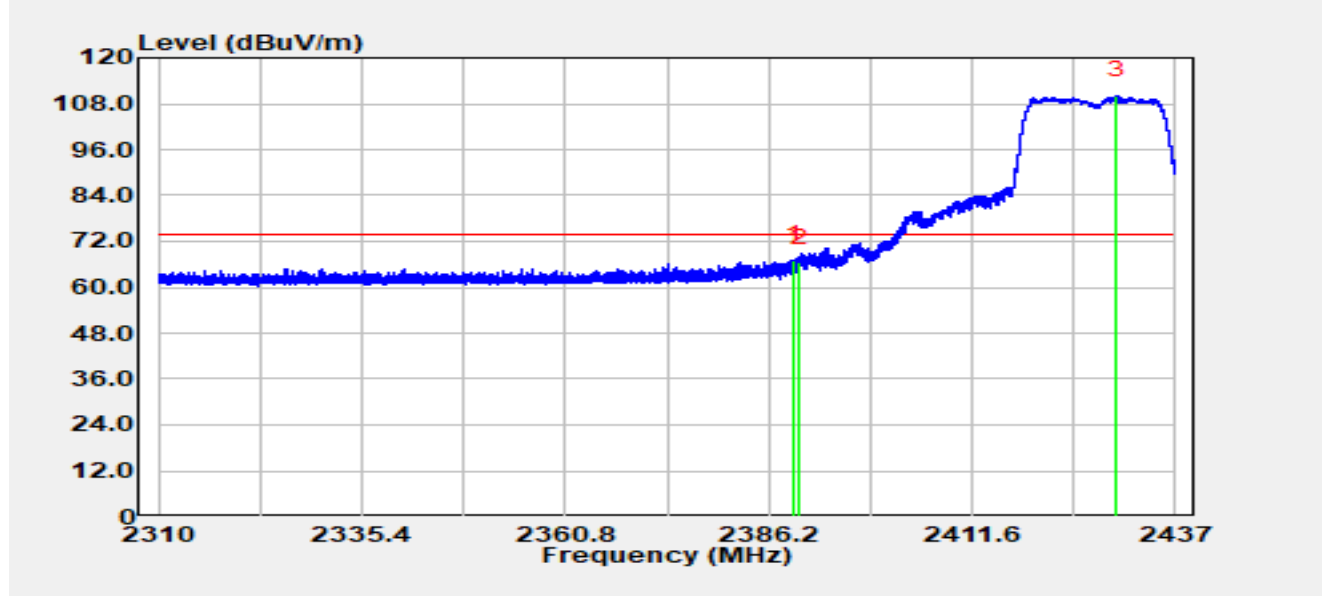


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2389.59	19.28	33.04	52.32	-1.68	54.00	Average
2		2390.00	19.10	33.04	52.14	-1.86	54.00	Average
3		2426.38	62.39	32.91	95.30	N/A	N/A	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2427 MHz		

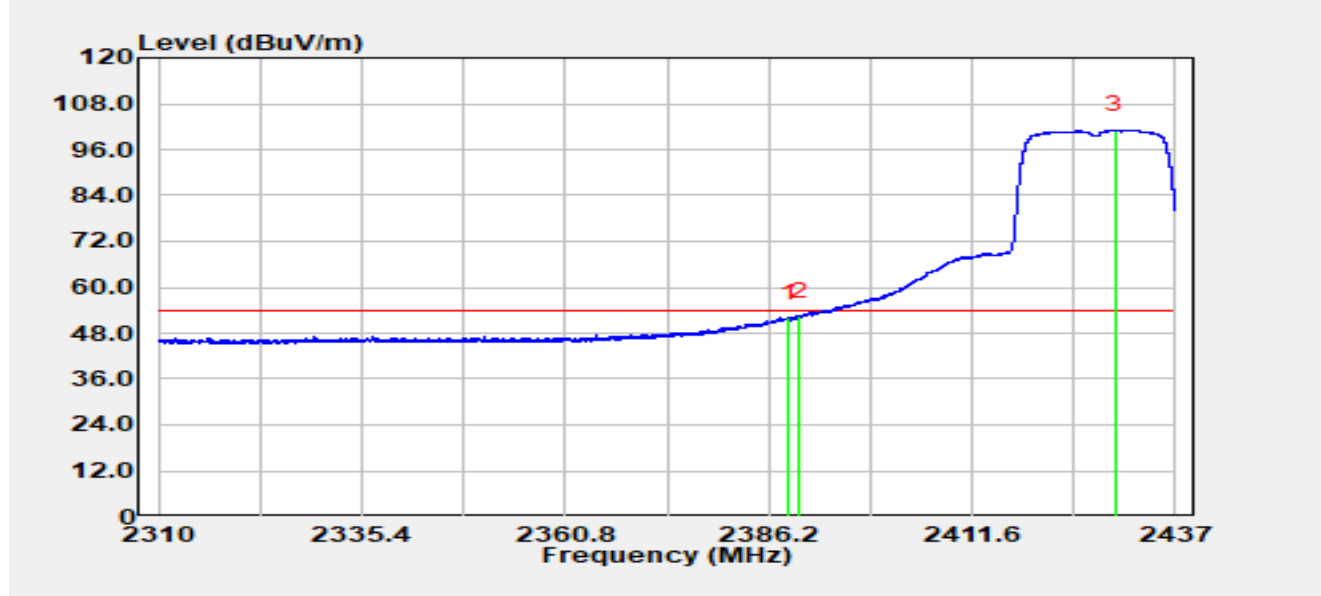


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2389.38	34.07	33.04	67.11	-6.89	74.00	Peak
2		2390.00	33.39	33.04	66.44	-7.56	74.00	Peak
3		2429.66	77.18	32.91	110.09	N/A	N/A	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2427 MHz		

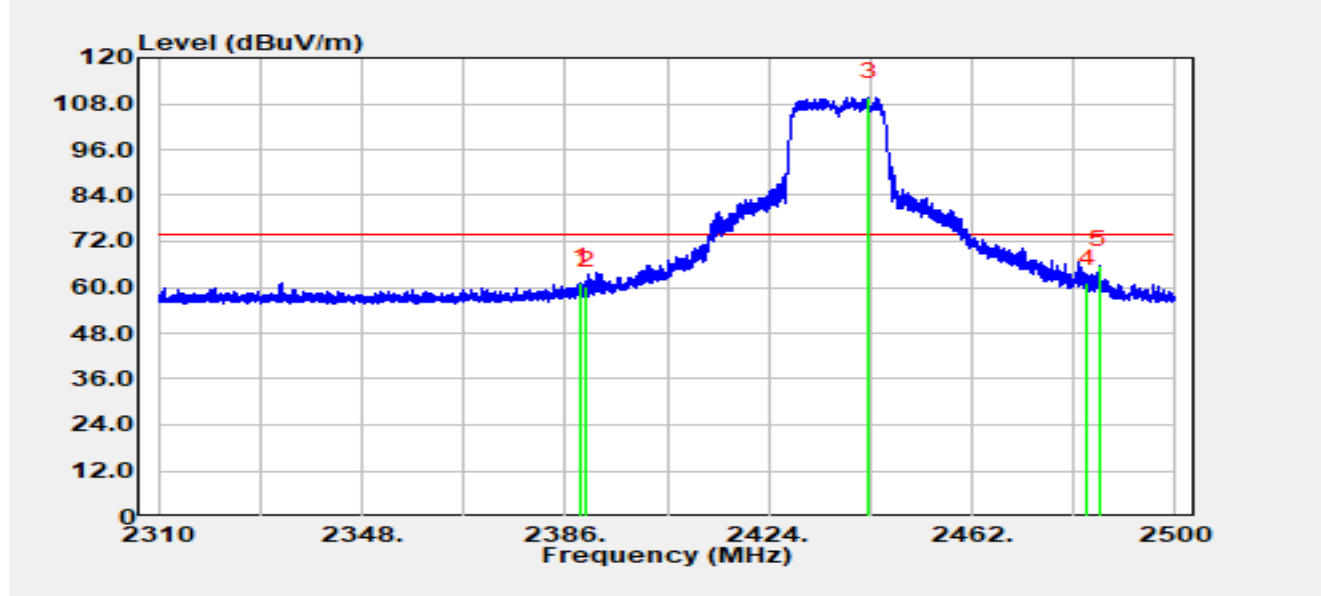


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2388.65	19.02	33.05	52.07	-1.93	54.00	Average
2	*	2390.00	19.45	33.04	52.49	-1.51	54.00	Average
3		2429.44	68.11	32.91	101.02	N/A	N/A	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

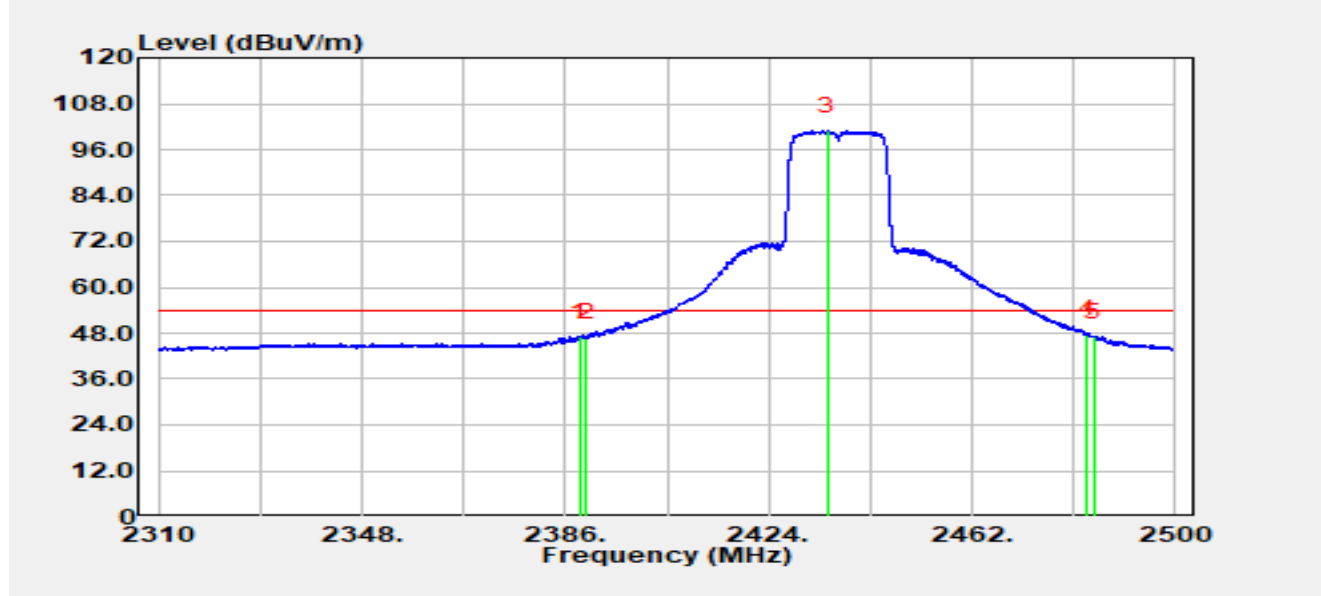


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2388.91	28.21	33.05	61.26	-12.74	74.00	Peak
2		2390.00	27.32	33.04	60.36	-13.64	74.00	Peak
3		2442.58	76.74	32.88	109.62	N/A	N/A	Peak
4		2483.50	28.34	32.77	61.11	-12.89	74.00	Peak
5	*	2485.79	32.95	32.77	65.71	-8.29	74.00	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

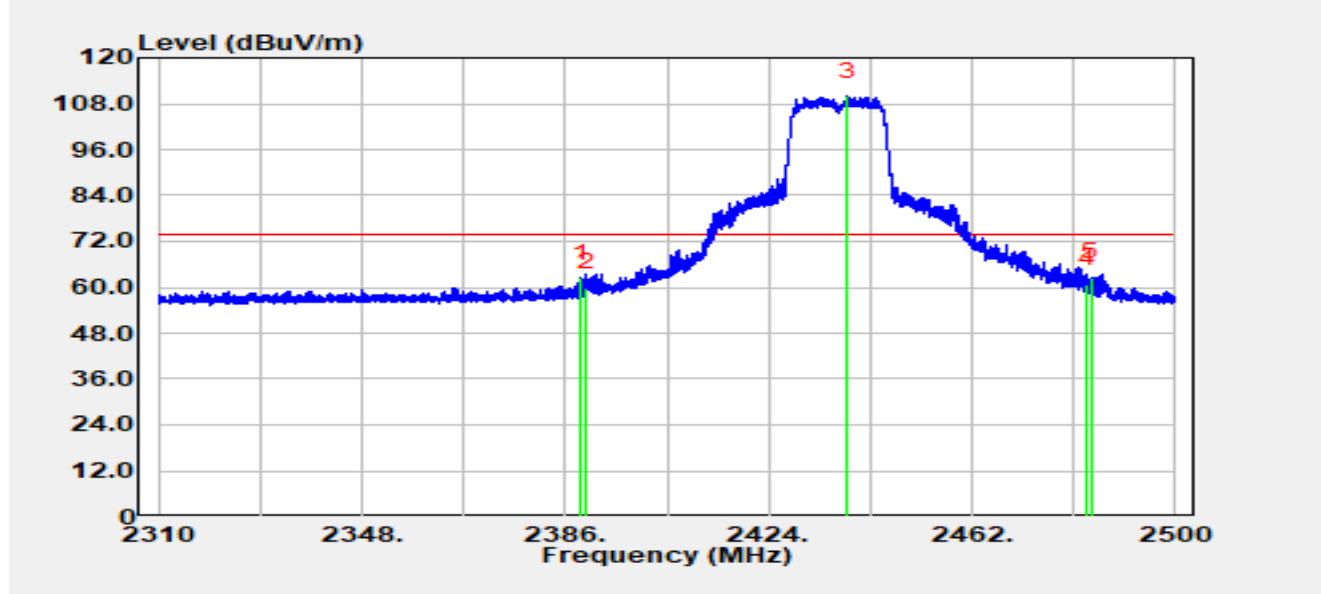


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2388.64	14.00	33.05	47.04	-6.96	54.00	Average
2		2390.00	13.78	33.04	46.82	-7.18	54.00	Average
3		2435.08	67.94	32.90	100.84	N/A	N/A	Average
4	*	2483.50	14.82	32.77	47.59	-6.41	54.00	Average
5		2484.86	14.25	32.77	47.02	-6.98	54.00	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

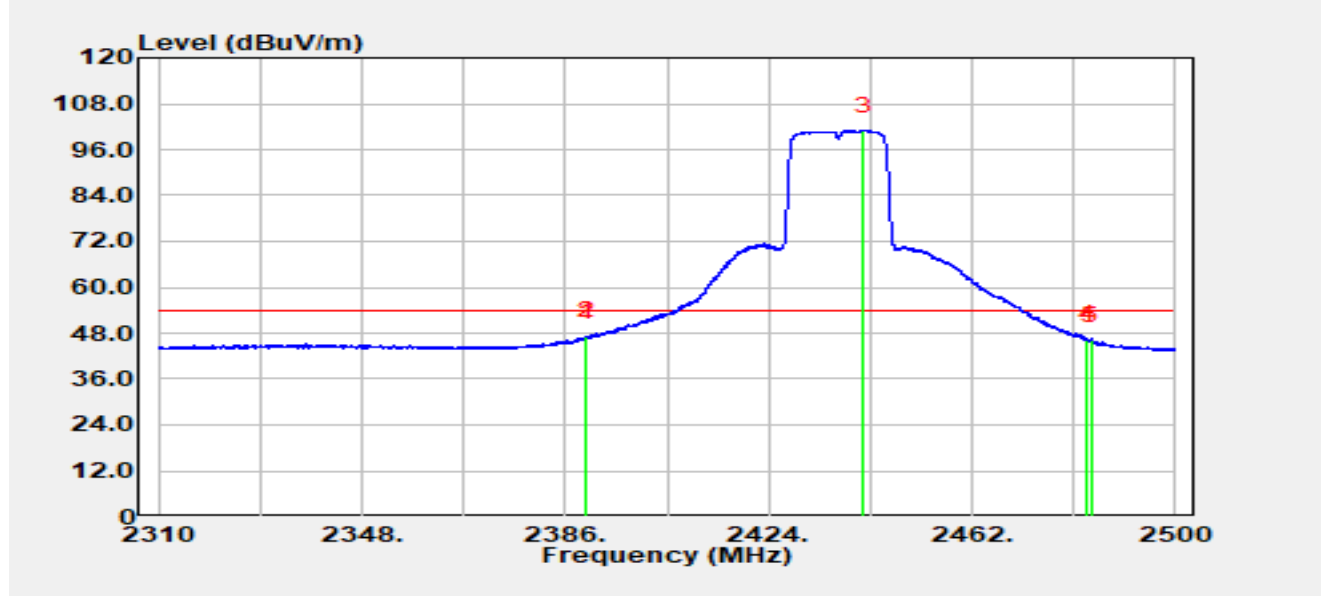


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.04	29.28	33.04	62.32	-11.68	74.00	Peak
2		2390.00	26.92	33.04	59.96	-14.04	74.00	Peak
3		2438.74	76.96	32.90	109.86	N/A	N/A	Peak
4		2483.50	27.92	32.77	60.69	-13.31	74.00	Peak
5	*	2484.17	29.88	32.77	62.65	-11.35	74.00	Peak

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

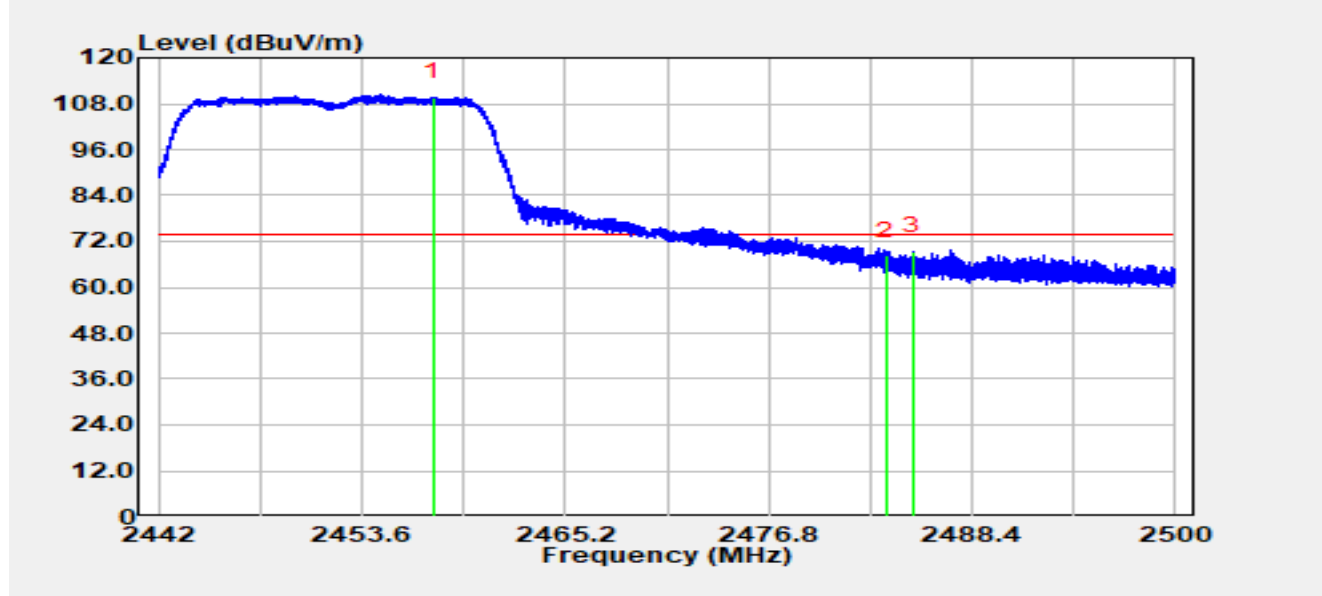


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2389.84	13.74	33.04	46.78	-7.22	54.00	Average
2	*	2390.00	14.10	33.04	47.14	-6.86	54.00	Average
3		2441.61	68.04	32.89	100.93	N/A	N/A	Average
4		2483.50	13.43	32.77	46.20	-7.80	54.00	Average
5		2484.38	13.24	32.77	46.01	-7.99	54.00	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2452 MHz		

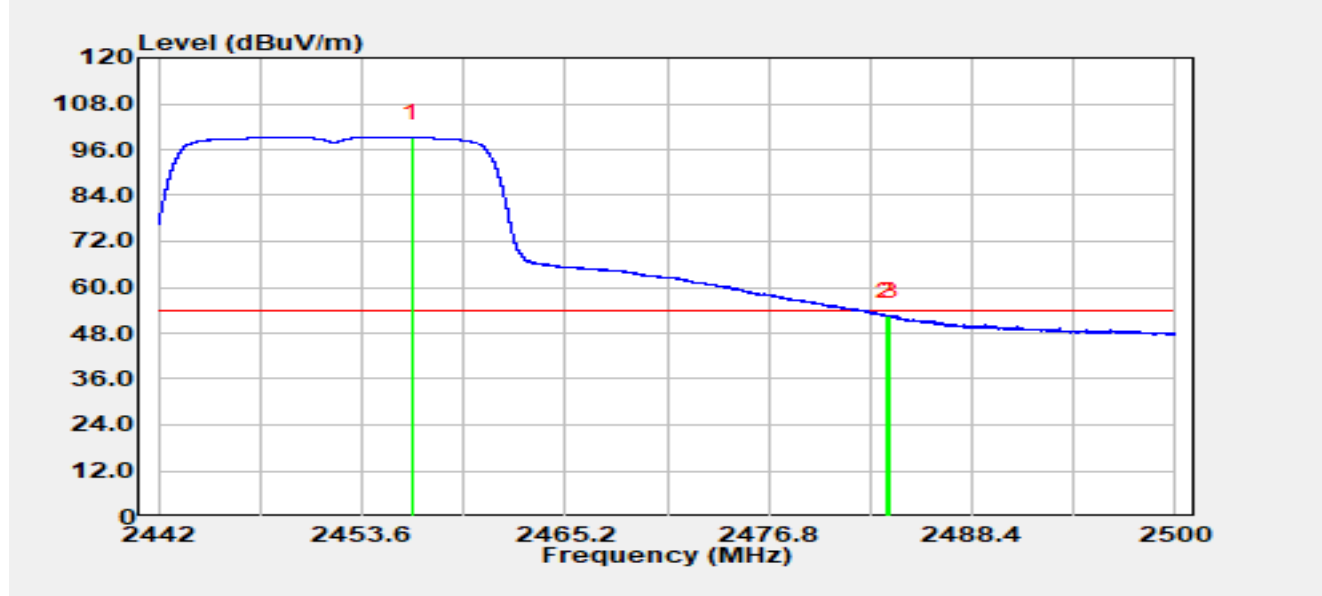


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2457.70	76.86	32.84	109.70	N/A	N/A	Peak
2		2483.50	35.55	32.77	68.31	-5.69	74.00	Peak
3	*	2485.02	36.69	32.77	69.45	-4.55	74.00	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-17
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2452 MHz		

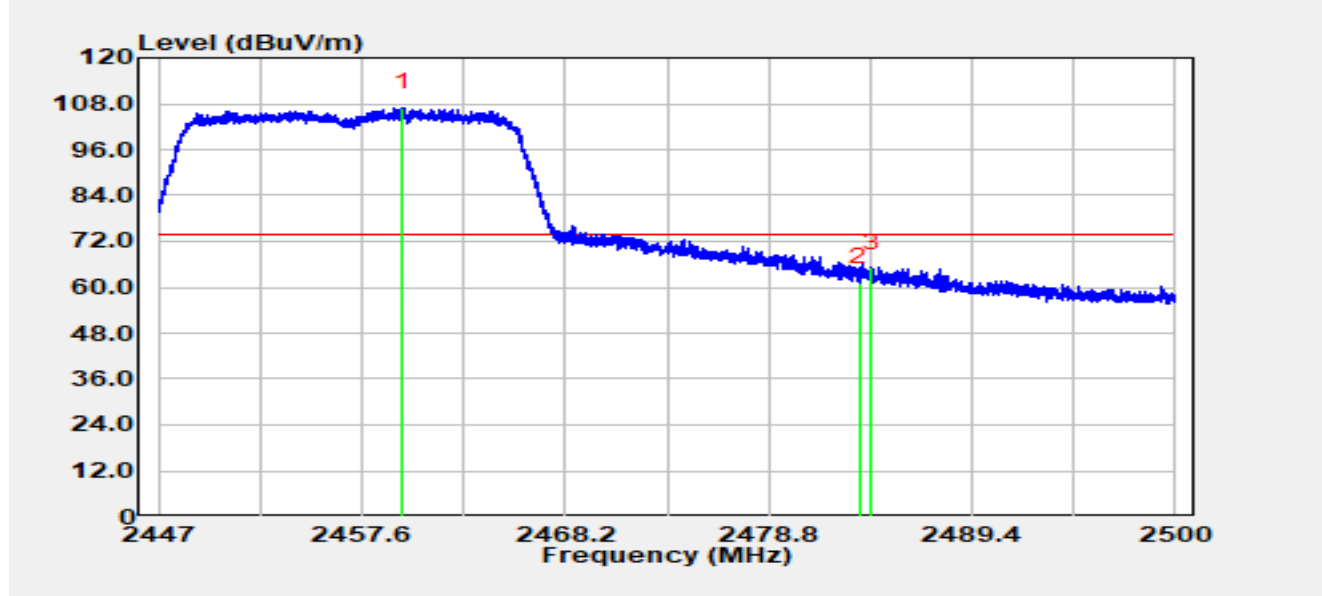


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2456.49	66.28	32.84	99.13	N/A	N/A	Average
2	*	2483.50	19.70	32.77	52.47	-1.53	54.00	Average
3		2483.73	19.64	32.77	52.41	-1.59	54.00	Average

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2457 MHz		

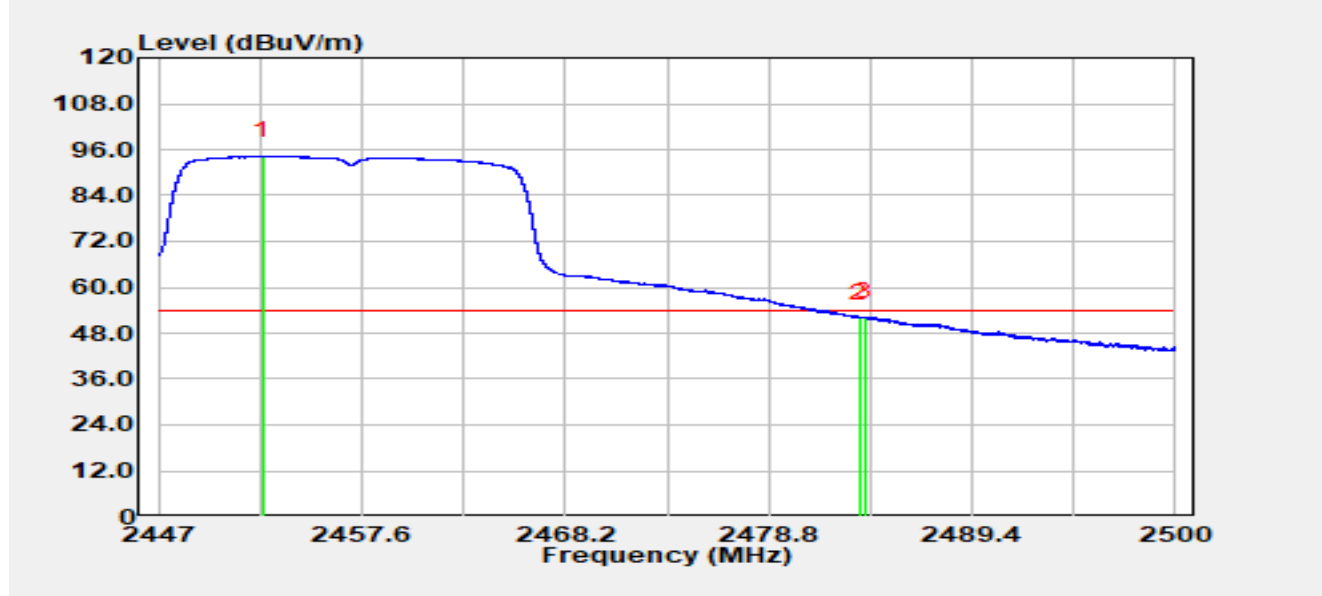


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2459.70	74.24	32.83	107.08	N/A	N/A	Peak
2		2483.50	28.56	32.77	61.33	-12.67	74.00	Peak
3	*	2484.15	32.37	32.77	65.14	-8.86	74.00	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2457 MHz		

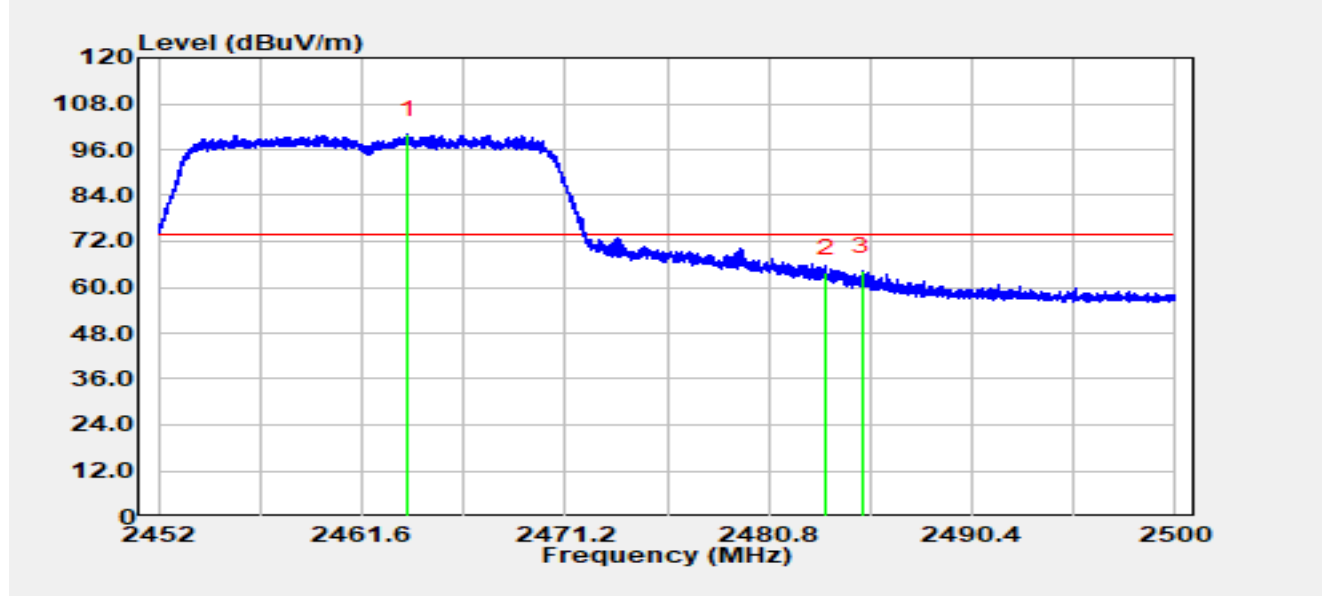


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2452.40	61.41	32.85	94.26	N/A	N/A	Average
2		2483.50	19.29	32.77	52.05	-1.95	54.00	Average
3	*	2483.80	19.35	32.77	52.11	-1.89	54.00	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2462 MHz		

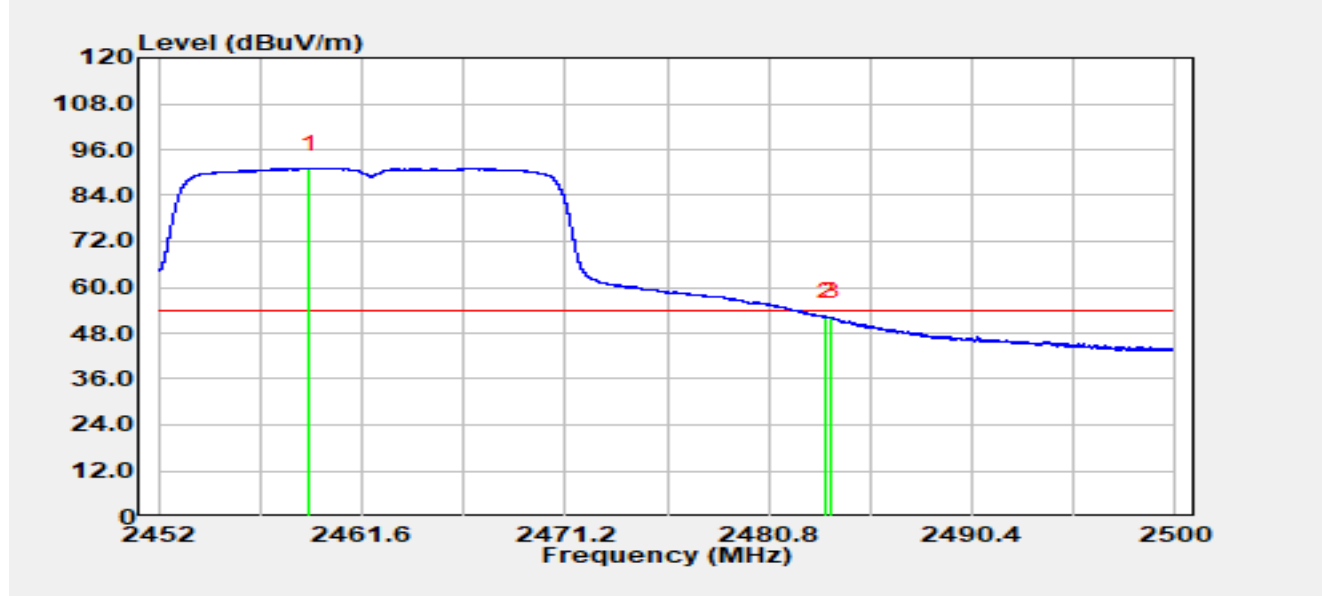


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2463.75	67.25	32.82	100.07	N/A	N/A	Peak
2		2483.50	31.02	32.77	63.79	-10.21	74.00	Peak
3	*	2485.21	31.33	32.77	64.10	-9.90	74.00	Peak

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT20 at 2462 MHz		

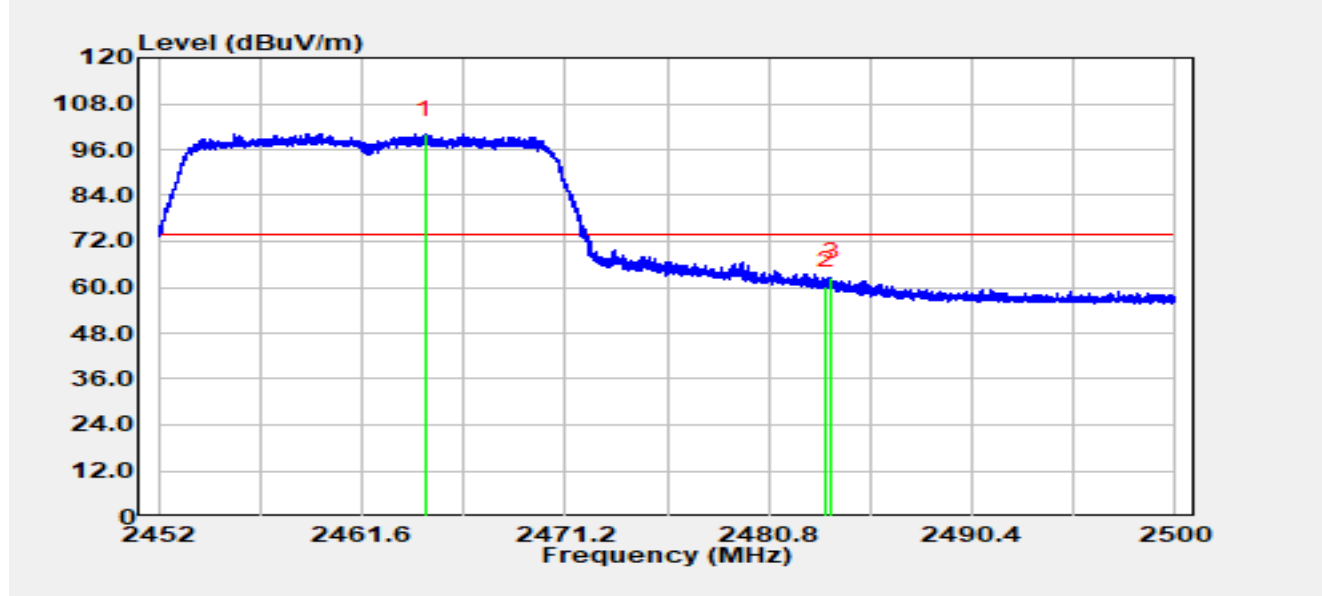


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2459.13	58.15	32.84	90.98	N/A	N/A	Average
2	*	2483.50	19.53	32.77	52.29	-1.71	54.00	Average
3		2483.75	19.50	32.77	52.27	-1.73	54.00	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2462 MHz		

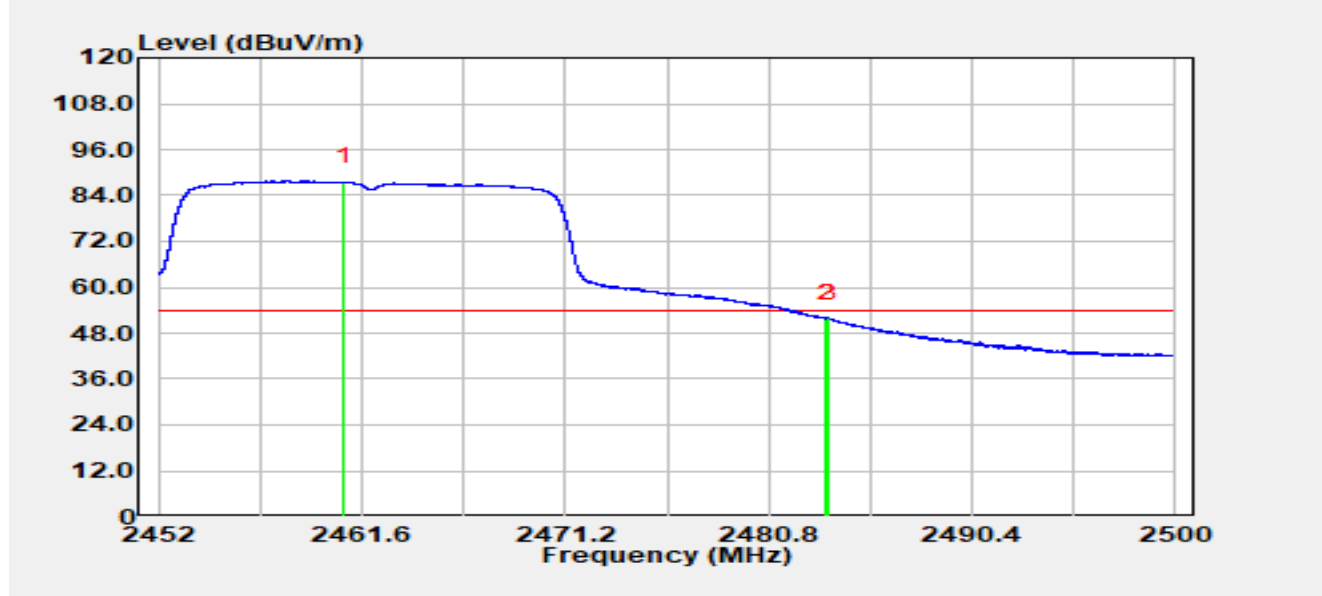


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2464.58	67.08	32.82	99.90	N/A	N/A	Peak
2		2483.50	27.53	32.77	60.30	-13.70	74.00	Peak
3	*	2483.78	29.73	32.77	62.50	-11.51	74.00	Peak

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WZ-AC2	Test Date	2025-12-15
Temperature	24.7 °C	Humidity	38.4%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT20 at 2462 MHz		



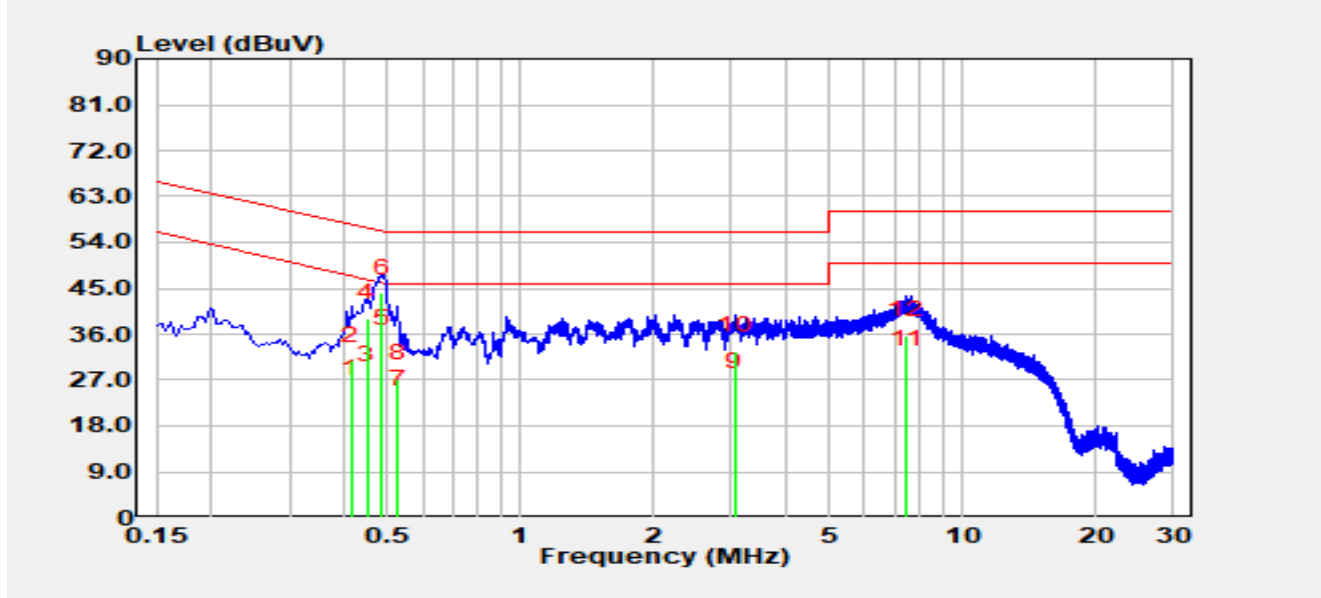
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2460.75	54.65	32.83	87.48	N/A	N/A	Average
2		2483.50	19.06	32.77	51.83	-2.17	54.00	Average
3	*	2483.65	19.13	32.77	51.90	-2.10	54.00	Average

Notes:

- " * " indicates the worst-case emission level observed during the measurement.
- C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

A.8 AC Conducted Emissions Test Result

Site	WZ-SR2	Test Date	2025-12-22
Temperature	18.4 °C	Humidity	41.5%
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Linda Wei
Test Voltage	AC 120 V/60 Hz	Polarity	Line1
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		

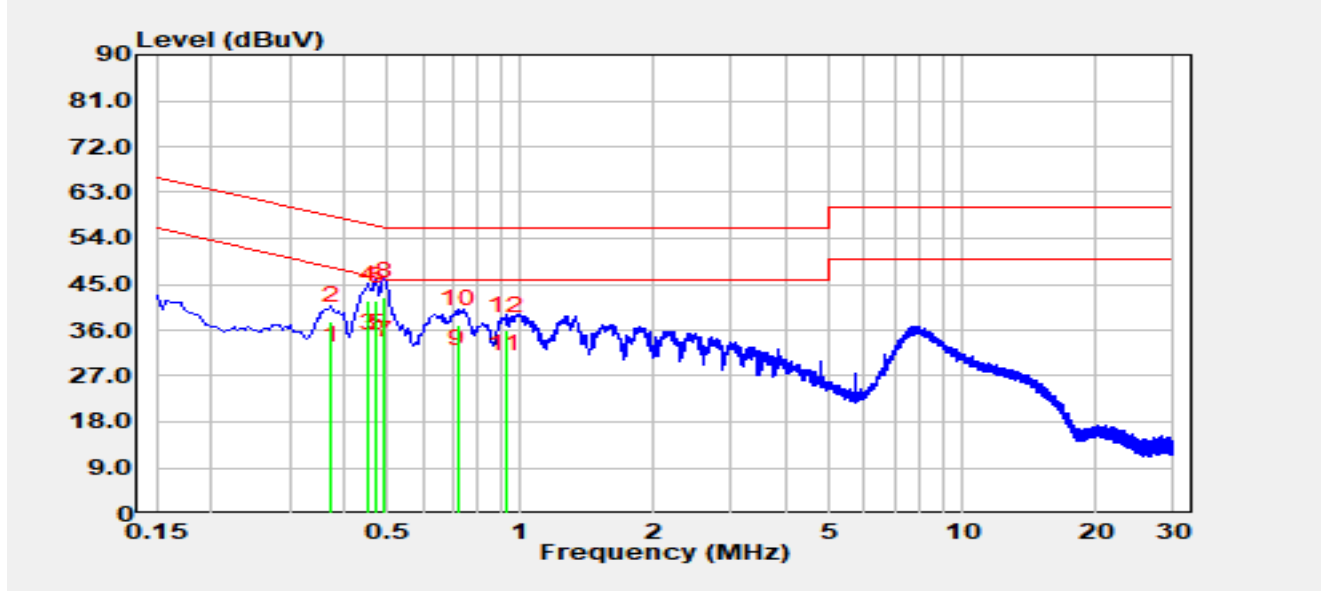


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.41	14.20	10.05	24.25	-23.31	47.57	Average
2		0.41	20.70	10.05	30.75	-26.81	57.57	QP
3		0.45	17.00	10.08	27.08	-19.80	46.88	Average
4		0.45	29.00	10.08	39.08	-17.80	56.88	QP
5		0.49	23.90	10.10	34.00	-12.24	46.24	Average
6	*	0.49	34.00	10.10	44.10	-12.14	56.24	QP
7		0.53	12.20	10.12	22.32	-23.68	46.00	Average
8		0.53	17.10	10.12	27.22	-28.78	56.00	QP
9		3.06	14.70	10.83	25.53	-20.47	46.00	Average
10		3.06	21.80	10.83	32.63	-23.37	56.00	QP
11		7.46	18.50	11.42	29.92	-20.08	50.00	Average
12		7.46	24.30	11.42	35.72	-24.28	60.00	QP

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB) = LISN Factor (dB) + Cable Loss (dB).
- Measurement (dBμV) = Reading (dBμV) + C.F (dB).

Site	WZ-SR2	Test Date	2025-12-22
Temperature	18.4 °C	Humidity	41.5%
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Linda Wei
Test Voltage	AC 120 V/60 Hz	Polarity	Neutral
Test Mode	Transmit by 802.11n-HT20 at 2437 MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.37	20.00	10.05	30.05	-18.36	48.41	Average
2		0.37	27.70	10.05	37.75	-20.66	58.41	QP
3		0.45	22.20	10.10	32.30	-14.54	46.84	Average
4		0.45	31.80	10.10	41.90	-14.94	56.84	QP
5		0.47	22.30	10.12	32.42	-14.08	46.50	Average
6		0.47	31.60	10.12	41.72	-14.78	56.50	QP
7		0.49	21.00	10.13	31.13	-15.02	46.15	Average
8	*	0.49	32.40	10.13	42.53	-13.62	56.15	QP
9		0.72	19.00	10.26	29.26	-16.74	46.00	Average
10		0.72	26.90	10.26	37.16	-18.84	56.00	QP
11		0.93	18.00	10.37	28.37	-17.63	46.00	Average
12		0.93	25.50	10.37	35.87	-20.13	56.00	QP

Notes:

- "*" indicates the worst-case emission level observed during the measurement.
- C.F (dB) = LISN Factor (dB) + Cable Loss (dB).
- Measurement (dBμV) = Reading (dBμV) + C.F (dB).

Appendix B - Test Setup Photograph

Refer to "R25S1018125-UT" file.

Appendix C - EUT Photograph

Refer to "R25S1018125-UE" file.

_____ The End _____