



RF MEASUREMENT REPORT

FCC ID: HD5-CK62X00

Applicant: Honeywell International Inc
Honeywell Safety and Productivity Solutions

Product: Mobile Computer

Model No.: CK62H00

Brand Name: Honeywell

FCC Classification: Digital Transmission System (DTS)

FCC Rule Part(s): Part 15 Subpart C (Section 15.247) Clause 15.205,
15.209

Result: Complies

Received Date: 2025-10-17

Test Date: 2025-10-23 ~ 2025-10-29

Reviewed By:

Ada Zhang

Ada Zhang

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
R25S1042095-U202	V01	Initial Report	2025-11-12	Valid

Note: This report is a FCC Class II Permissive Change report based on the original report “2406RSU006-U1”.

The product has been updated to include a handheld version, incorporating the following modifications:

1. Replacement of the standard back cover with an integrated pistol grip cover.
2. Minor modifications to the antennas.

Relevant test specifications are provided in Section 6.1.

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1. General Information

1.1. Applicant

Honeywell International Inc

Honeywell Safety and Productivity Solutions

9680 Old Bailes Rd. Fort Mill, SC 29707 United States

1.2. Manufacturer

Honeywell International Inc

Honeywell Safety and Productivity Solutions

9680 Old Bailes Rd. Fort Mill, SC 29707 United States

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
	CNAS: L10551 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	Mobile Computer
Model No.	CK62H00
Brand Name	Honeywell
EUT Identification No.	251017S#02
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Bluetooth Specification	V5.3 dual mode
Antenna Information	Refer to Section 1.5
Power Type	By Battery
Accessory	
Rechargeable Li-ion Battery	Model No.: CK65-BTSC Nominal Voltage: 3.6 V Rated Capacity: 6800 mAh Nominal Capacity: 7000 mAh/25.2 Wh
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	40
Type of modulation	GFSK
Data Rate	1 Mbps & 2 Mbps & 500 kbps & 125 kbps
Antenna Type	PIFA
Antenna Gain	2.28 dBi

1.6. Working Frequencies

Channel	Frequency	Channel	Frequency	Channel	Frequency
00	2402 MHz	01	2404 MHz	02	2406 MHz
03	2408 MHz	04	2410 MHz	05	2412 MHz
06	2414 MHz	07	2416 MHz	08	2418 MHz
09	2420 MHz	10	2422 MHz	11	2424 MHz
12	2426 MHz	13	2428 MHz	14	2430 MHz
15	2432 MHz	16	2434 MHz	17	2436 MHz
18	2438 MHz	19	2440 MHz	20	2442 MHz
21	2444 MHz	22	2446 MHz	23	2448 MHz
24	2450 MHz	25	2452 MHz	26	2454 MHz
27	2456 MHz	28	2458 MHz	29	2460 MHz
30	2462 MHz	31	2464 MHz	32	2466 MHz
33	2468 MHz	34	2470 MHz	35	2472 MHz
36	2474 MHz	37	2476 MHz	38	2478 MHz
39	2480 MHz	--	--	--	--

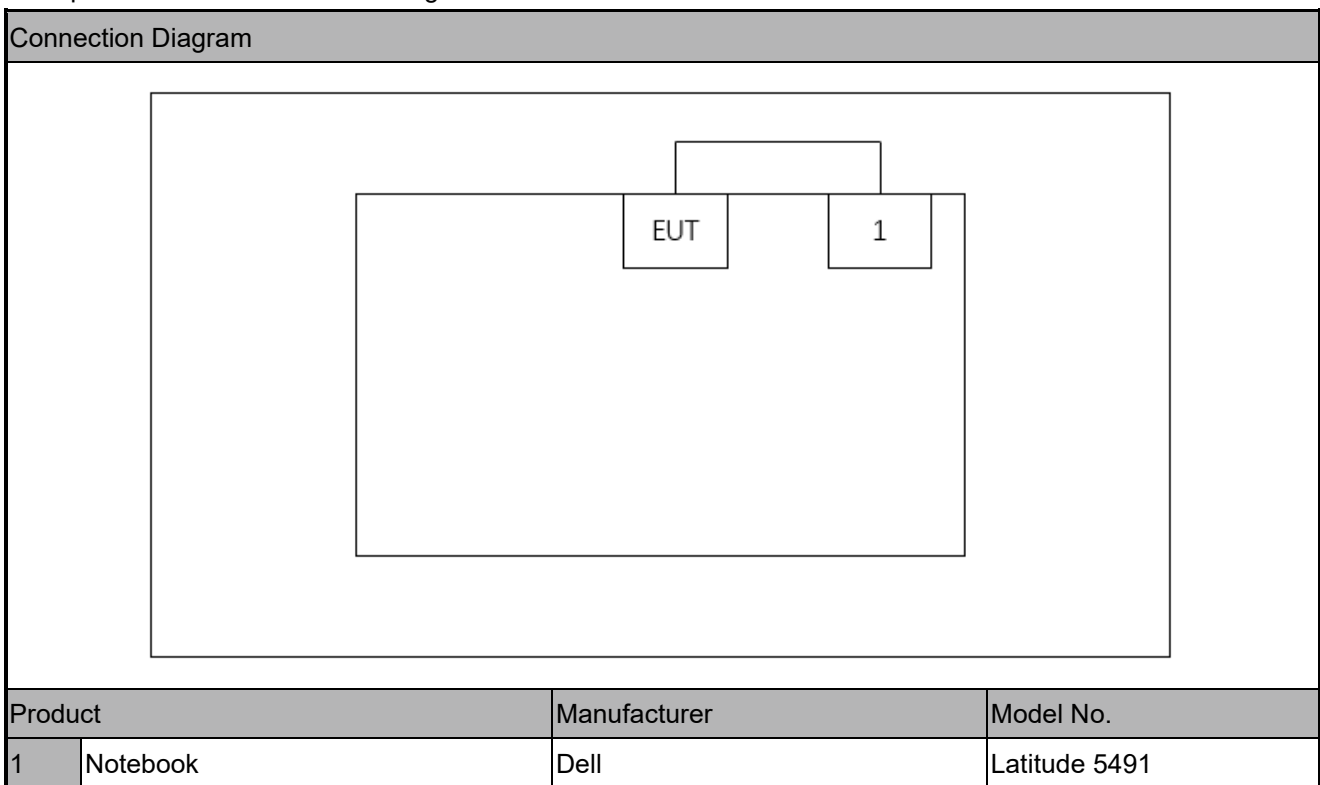
2. Test Configuration

2.1. Test Mode

Mode 1: Transmit by BLE-1 Mbps
Mode 2: Transmit by BLE-2 Mbps
Mode 3: Transmit by BLE-500 kbps (S2)
Mode 4: Transmit by BLE-125 kbps (S8)

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.



2.3. Test Software

The test utility software used during testing was “QRCT”, and the version was 4.0.211.0.

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
- 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	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
TRILOG Antenna	Schwarzbeck	VULB 9162	MRTSUE06022	1 year	2026-03-22	WZ-AC2
EMI Test Receiver	Agilent	N9038A	MRTSUE06125	1 year	2026-04-26	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
Anechoic Chamber	RIKEN	WZ-AC2	MRTSUE06213	1 year	2026-04-17	WZ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11263	1 year	2026-10-08	WZ-AC2
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06597	1 year	2025-11-03	WZ-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06640	1 year	2026-01-09	WZ-AC2
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2025-12-05	WZ-AC1
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06172	1 year	2026-05-11	WZ-AC1
Anechoic Chamber	TDK	WZ-AC1	MRTSUE06212	1 year	2026-04-17	WZ-AC1
Loop Antenna	Schwarzbeck	FMZB 1519 B	MRTSUE06937	1 year	2026-01-04	WZ-AC1
Thermohygrometer	testo	608-H1	MRTSUE11039	1 year	2026-10-08	WZ-AC1
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06023	1 year	2026-07-19	WZ-AC1
Signal Analyzer	Keysight	N9010B	MRTSUE06607	1 year	2026-09-28	WZ-AC1

Software	Version	Function
e3	230711	RE & CE
Controller_MF 7802	2.03C	RE Antenna & Turntable
Controller_MF 7802	1.02	RE Antenna & Turntable

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 $k = 2$.

Radiated Emission Measurement

The maximum measurement uncertainty is evaluated as:

Coaxial: 9 kHz ~ 30 MHz: 2.35 dB

Coplanar: 9 kHz ~ 30 MHz: 2.37 dB

Horizontal: 30 MHz ~ 200 MHz: 3.47 dB

200 MHz ~ 1 GHz: 4.17 dB

1 GHz ~ 40 GHz: 4.97 dB

Vertical: 30 MHz ~ 200 MHz: 4.07 dB

200 MHz ~ 1 GHz: 5.28 dB

1 GHz ~ 40 GHz: 4.84 dB

6. Test Result

6.1. Summary

FCC Section(s)	Test Description	Test Condition	Verdict
15.205 15.209	General Field Strength (Restricted Bands and Radiated Emission)	Radiated	Pass

Notes:

1. The analyzer plots shown in this section were captured using a correction table to account for cable and attenuator losses in the system connecting the EUT to the analyzer across relevant frequencies.
2. To address the product modifications, full tests were conducted for General Field Strength (Restricted Bands and Radiated Emissions).

6.2. Radiated Spurious Emission Measurement

6.2.1. 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

6.2.2. 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)

6.2.3. 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. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. 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 = 3 MHz
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

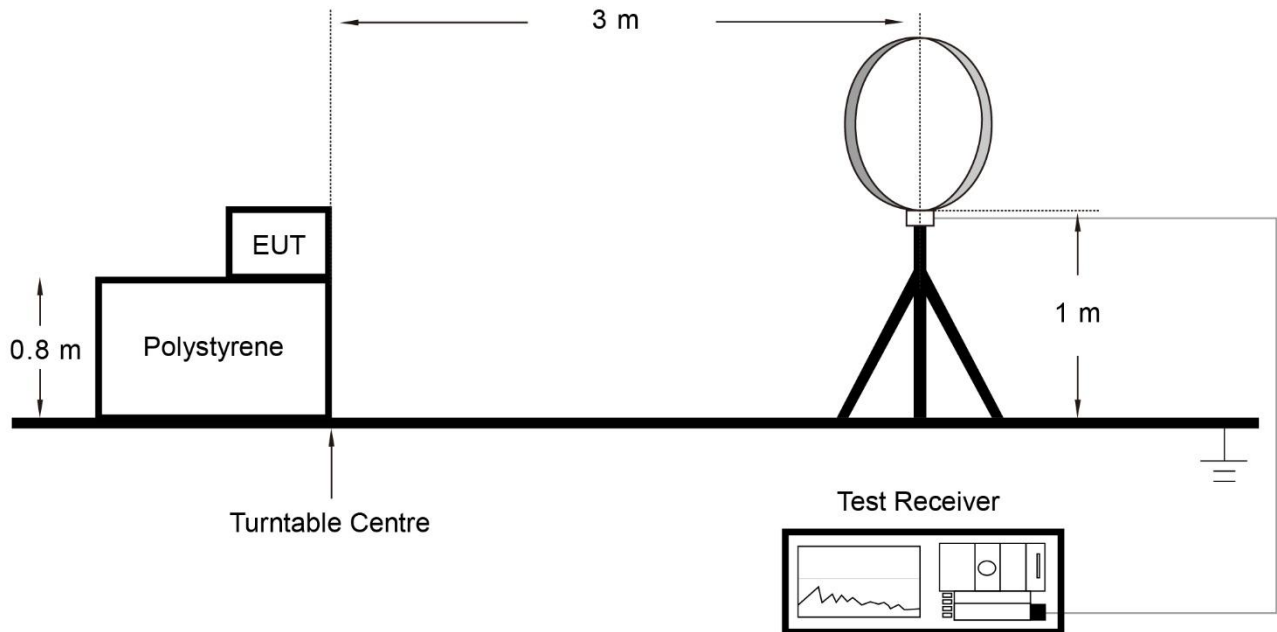
Average Measurements above 1 GHz (Method VB)

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

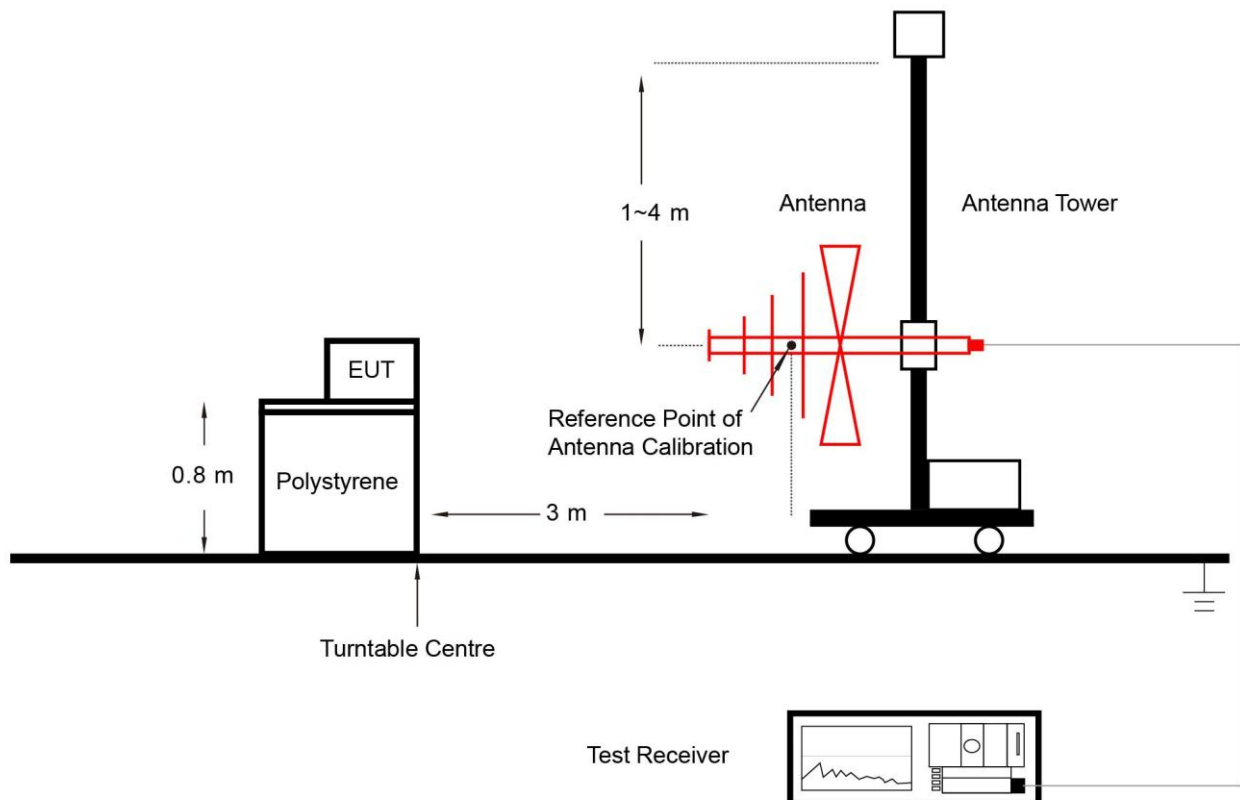
If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear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

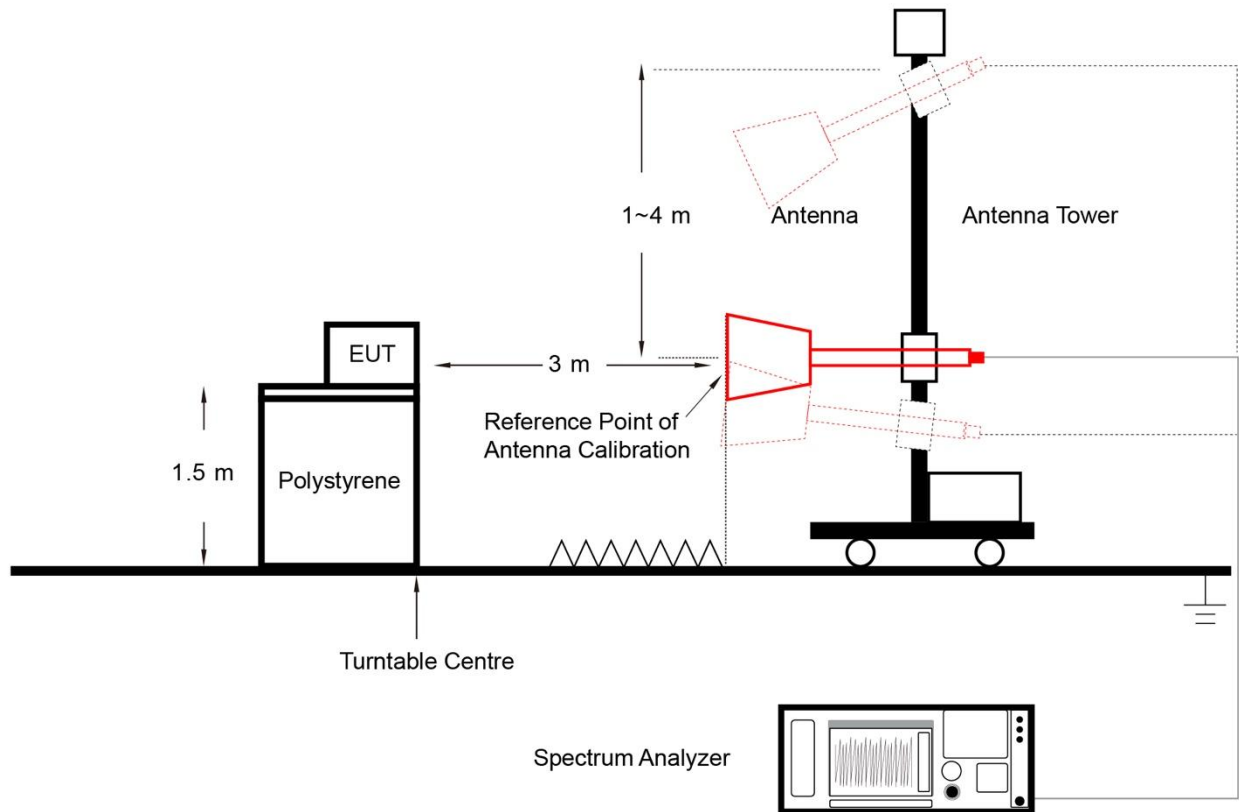
6.2.4. Test Setup

Below 30 MHz Test Setup:



Below 1 GHz Test Setup:



Above 1 GHz Test Setup:**6.2.5. Test Result**

Refer to Appendix A.1.

6.3. Radiated Restricted Band Edge Measurement

6.3.1. 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
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 [μ 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

6.3.2. Test Procedure

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

6.3.3. 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 = 3 MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

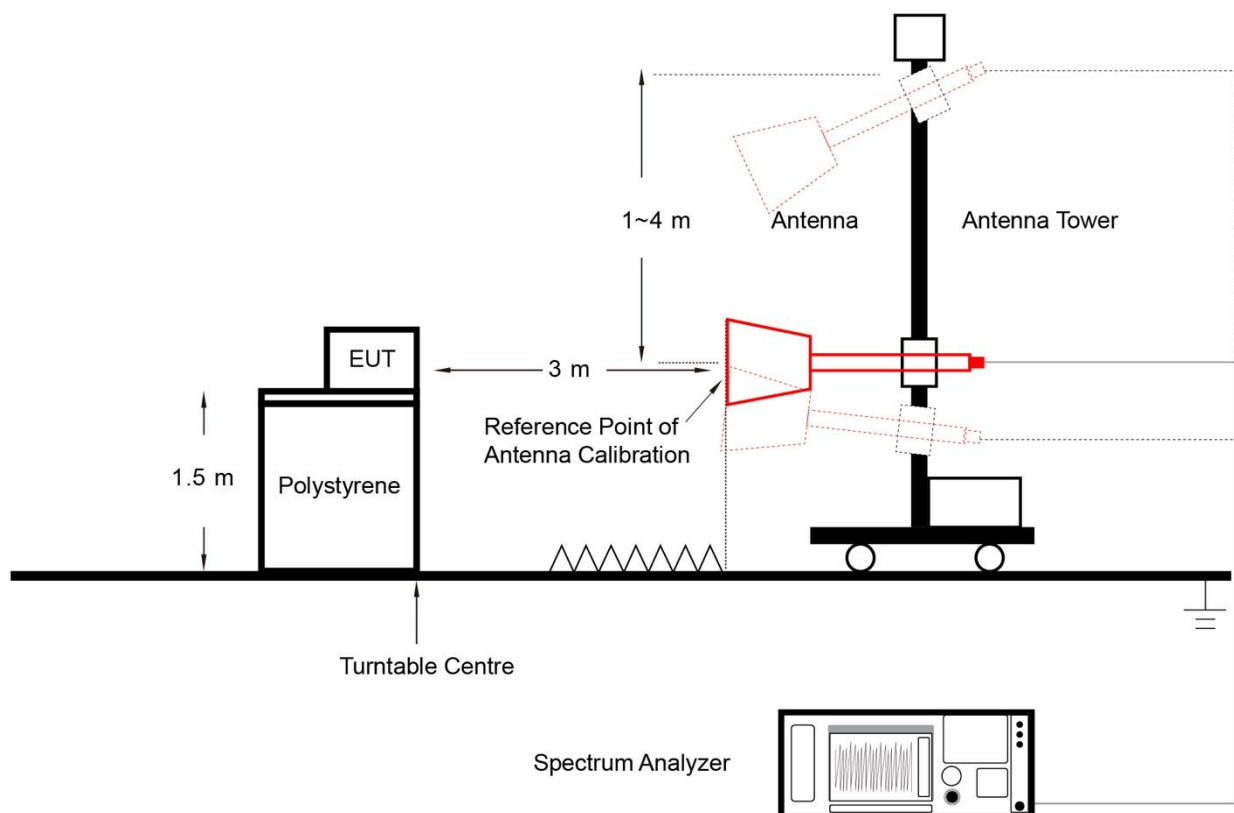
Average Field Strength Measurements

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

6.3.4. Test Setup



6.3.5. Test Result

Refer to Appendix A.2.

Appendix A - Test Result

A.1 Radiated Spurious Emission Test Result

Test Site	WZ-AC2	Test Engineer	Jerry Lu
Test Date	2025-10-29	Test Mode	BLE-1 Mbps
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
00	8099.20	35.02	11.23	46.25	74.00	-27.75	Peak	Horizontal
	11589.30	31.47	18.13	49.60	74.00	-24.40	Peak	Horizontal
	17998.30	12.25	31.46	43.71	54.00	-10.29	Average	Horizontal
	17998.30	29.44	31.47	60.91	74.00	-13.09	Peak	Horizontal
	9409.90	32.86	14.15	47.01	74.00	-26.99	Peak	Vertical
	12298.20	31.11	18.69	49.80	74.00	-24.20	Peak	Vertical
	17993.20	13.24	30.70	43.94	54.00	-10.06	Average	Vertical
	17993.20	29.73	30.70	60.43	74.00	-13.57	Peak	Vertical
19	9409.90	32.99	14.15	47.14	74.00	-26.86	Peak	Horizontal
	10863.40	32.13	17.04	49.17	74.00	-24.83	Peak	Horizontal
	18000.00	13.25	31.72	44.97	54.00	-9.03	Average	Horizontal
	18000.00	28.36	31.72	60.08	74.00	-13.92	Peak	Horizontal
	9360.60	32.64	14.26	46.90	74.00	-27.10	Peak	Vertical
	11115.00	31.87	17.28	49.15	74.00	-24.85	Peak	Vertical
	17994.90	12.45	30.95	43.40	54.00	-10.60	Average	Vertical
	17994.90	28.94	30.95	59.89	74.00	-14.11	Peak	Vertical
39	9421.80	33.44	14.19	47.63	74.00	-26.37	Peak	Horizontal
	12160.50	30.63	18.83	49.46	74.00	-24.54	Peak	Horizontal
	17998.30	13.38	31.46	44.84	54.00	-9.16	Average	Horizontal
	17998.30	28.18	31.47	59.65	74.00	-14.35	Peak	Horizontal
	9437.10	32.35	14.10	46.45	74.00	-27.55	Peak	Vertical
	11565.50	31.38	17.89	49.27	74.00	-24.73	Peak	Vertical
	17943.90	13.26	29.85	43.11	54.00	-10.89	Average	Vertical
	17943.90	30.18	29.85	60.03	74.00	-13.97	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-AC2	Test Engineer	Jerry Lu
Test Date	2025-10-29	Test Mode	BLE-2 Mbps
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
00	9302.80	32.21	14.37	46.58	74.00	-27.42	Peak	Horizontal
	11932.70	32.14	17.74	49.88	74.00	-24.12	Peak	Horizontal
	17994.90	13.44	30.95	44.39	54.00	-9.61	Average	Horizontal
	17994.90	29.10	30.95	60.05	74.00	-13.95	Peak	Horizontal
	9156.60	32.79	14.04	46.83	74.00	-27.17	Peak	Vertical
	11499.20	31.31	18.02	49.33	74.00	-24.67	Peak	Vertical
	17955.80	13.42	30.40	43.82	54.00	-10.18	Average	Vertical
	17955.80	31.09	30.40	61.49	74.00	-12.51	Peak	Vertical
19	9406.50	32.19	14.15	46.34	74.00	-27.66	Peak	Horizontal
	12310.10	30.84	18.83	49.67	74.00	-24.33	Peak	Horizontal
	17996.60	13.19	31.21	44.40	54.00	-9.60	Average	Horizontal
	17996.60	29.03	31.21	60.24	74.00	-13.76	Peak	Horizontal
	9409.90	32.93	14.15	47.08	74.00	-26.92	Peak	Vertical
	10863.40	33.17	17.04	50.21	74.00	-23.79	Peak	Vertical
	17841.90	12.51	29.87	42.38	54.00	-11.62	Average	Vertical
	17841.90	30.81	29.87	60.68	74.00	-13.32	Peak	Vertical
39	9425.20	32.82	14.21	47.03	74.00	-26.97	Peak	Horizontal
	11053.80	31.94	17.55	49.49	74.00	-24.51	Peak	Horizontal
	17960.90	13.11	30.60	43.71	54.00	-10.29	Average	Horizontal
	17960.90	29.92	30.60	60.52	74.00	-13.48	Peak	Horizontal
	9302.80	32.46	14.37	46.83	74.00	-27.17	Peak	Vertical
	11557.00	32.32	17.95	50.27	74.00	-23.73	Peak	Vertical
	17967.70	13.21	30.38	43.59	54.00	-10.41	Average	Vertical
	17967.70	30.19	30.38	60.57	74.00	-13.43	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-AC2	Test Engineer	Jerry Lu
Test Date	2025-10-29	Test Mode	BLE-500 kbps
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
00	9408.20	33.10	14.15	47.25	74.00	-26.75	Peak	Horizontal
	11657.30	31.23	18.21	49.44	74.00	-24.56	Peak	Horizontal
	17966.00	13.28	30.54	43.82	54.00	-10.18	Average	Horizontal
	17966.00	29.45	30.54	59.99	74.00	-14.01	Peak	Horizontal
	9396.30	31.95	14.12	46.07	74.00	-27.93	Peak	Vertical
	11545.10	32.55	18.03	50.58	74.00	-23.42	Peak	Vertical
	18000.00	13.19	31.72	44.91	54.00	-9.09	Average	Vertical
	18000.00	28.97	31.72	60.69	74.00	-13.31	Peak	Vertical
19	9364.00	32.77	14.22	46.99	74.00	-27.01	Peak	Horizontal
	11475.40	31.34	17.80	49.14	74.00	-24.86	Peak	Horizontal
	18000.00	13.16	31.72	44.88	54.00	-9.12	Average	Horizontal
	18000.00	28.70	31.72	60.42	74.00	-13.58	Peak	Horizontal
	9476.20	32.56	13.78	46.34	74.00	-27.66	Peak	Vertical
	11543.40	31.47	18.03	49.50	74.00	-24.50	Peak	Vertical
	17966.00	13.56	30.54	44.10	54.00	-9.90	Average	Vertical
	17966.00	29.28	30.54	59.82	74.00	-14.18	Peak	Vertical
39	9197.40	32.51	14.63	47.14	74.00	-26.86	Peak	Horizontal
	11579.10	31.36	18.10	49.46	74.00	-24.54	Peak	Horizontal
	17964.30	13.55	30.70	44.25	54.00	-9.75	Average	Horizontal
	17964.30	29.58	30.70	60.28	74.00	-13.72	Peak	Horizontal
	9187.20	32.82	14.62	47.44	74.00	-26.56	Peak	Vertical
	11490.70	31.81	17.92	49.73	74.00	-24.27	Peak	Vertical
	18000.00	13.03	31.72	44.75	54.00	-9.25	Average	Vertical
	18000.00	28.09	31.72	59.81	74.00	-14.19	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-AC2	Test Engineer	Jerry Lu
Test Date	2025-10-29	Test Mode	BLE-125 kbps
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.		

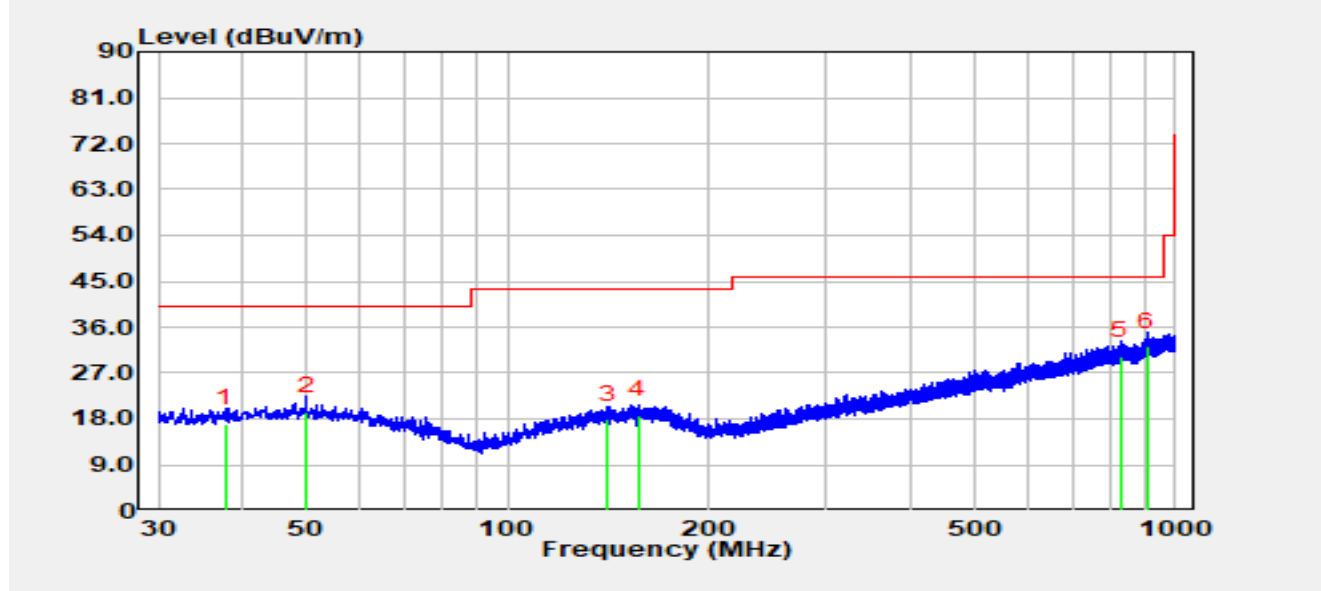
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
00	9432.00	32.45	14.17	46.62	74.00	-27.38	Peak	Horizontal
	11541.70	31.23	18.03	49.26	74.00	-24.74	Peak	Horizontal
	18000.00	13.17	31.72	44.89	54.00	-9.11	Average	Horizontal
	18000.00	29.38	31.72	61.10	74.00	-12.90	Peak	Horizontal
	9457.50	33.40	13.90	47.30	74.00	-26.70	Peak	Vertical
	12235.30	30.46	18.62	49.08	74.00	-24.92	Peak	Vertical
	17998.30	12.51	31.46	43.97	54.00	-10.03	Average	Vertical
	17998.30	29.50	31.47	60.97	74.00	-13.03	Peak	Vertical
19	9415.00	33.20	14.17	47.37	74.00	-26.63	Peak	Horizontal
	12186.00	30.99	18.80	49.79	74.00	-24.21	Peak	Horizontal
	17966.00	13.26	30.54	43.80	54.00	-10.20	Average	Horizontal
	17966.00	29.03	30.54	59.57	74.00	-14.43	Peak	Horizontal
	9328.30	32.41	14.18	46.59	74.00	-27.41	Peak	Vertical
	11511.10	31.55	18.11	49.66	74.00	-24.34	Peak	Vertical
	17952.40	13.56	30.27	43.83	54.00	-10.17	Average	Vertical
	17952.40	30.37	30.27	60.64	74.00	-13.36	Peak	Vertical
39	9443.90	33.32	14.00	47.32	74.00	-26.68	Peak	Horizontal
	12048.30	31.31	18.04	49.35	74.00	-24.65	Peak	Horizontal
	17966.00	13.25	30.54	43.79	54.00	-10.21	Average	Horizontal
	17966.00	30.51	30.54	61.05	74.00	-12.95	Peak	Horizontal
	9442.20	33.72	14.03	47.75	74.00	-26.25	Peak	Vertical
	11523.00	30.94	18.08	49.02	74.00	-24.98	Peak	Vertical
	17954.10	12.48	30.33	42.81	54.00	-11.19	Average	Vertical
	17954.10	30.12	30.33	60.45	74.00	-13.55	Peak	Vertical

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

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

The Result of Radiated Emission below 1 GHz:

Site	WZ-AC1	Test Date	2025-10-28
Temperature	24.4 °C	Humidity	40.3%
Limit	FCC_Part 15.209_RSE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE 1Mbps at 2402 MHz		

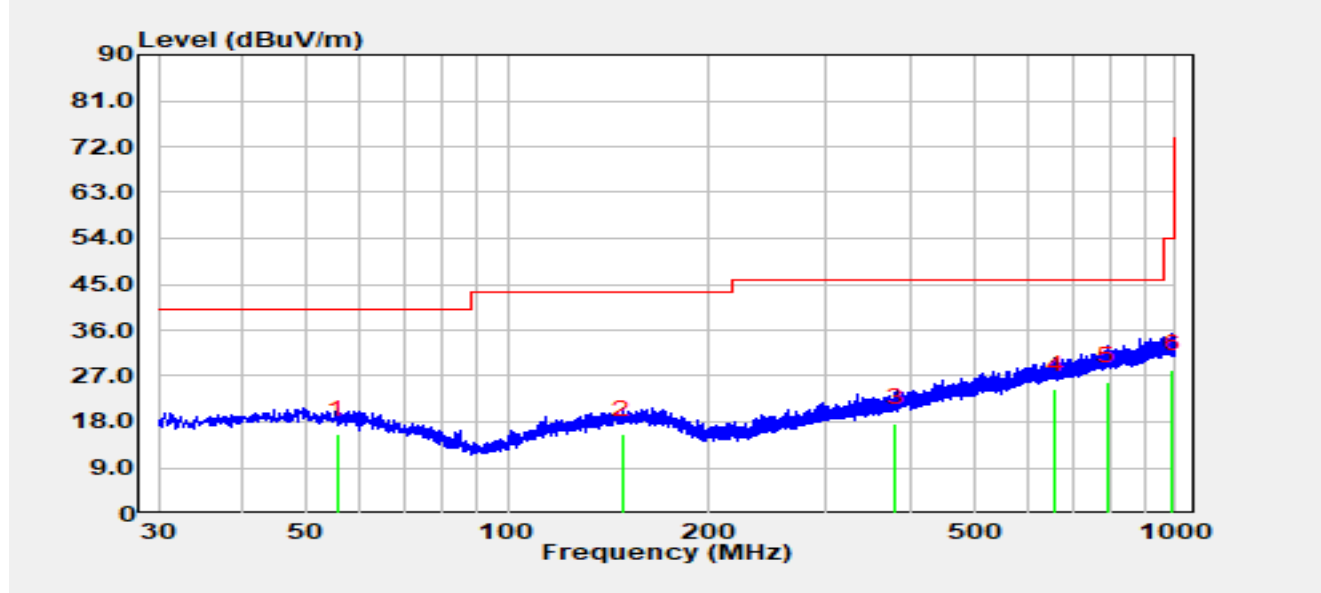


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		37.86	-0.52	17.59	17.07	-22.93	40.00	QP
2		49.98	1.06	18.43	19.49	-20.51	40.00	QP
3		141.45	0.24	17.69	17.93	-25.57	43.50	QP
4		157.07	0.46	18.32	18.78	-24.72	43.50	QP
5		827.24	1.07	29.25	30.32	-15.68	46.00	QP
6	*	905.13	2.23	29.93	32.16	-13.84	46.00	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 amplitude of the radiated emissions in the frequency range from 9 kHz to 30 MHz and 18 GHz to 25 GHz is close to the ambient noise level, and all emissions are at least 20 dB below the applicable limit. Therefore, the data is not presented in this report.

Site	WZ-AC1	Test Date	2025-10-28
Temperature	24.4 °C	Humidity	40.3%
Limit	FCC_Part 15.209_RSE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE 1Mbps at 2402 MHz		



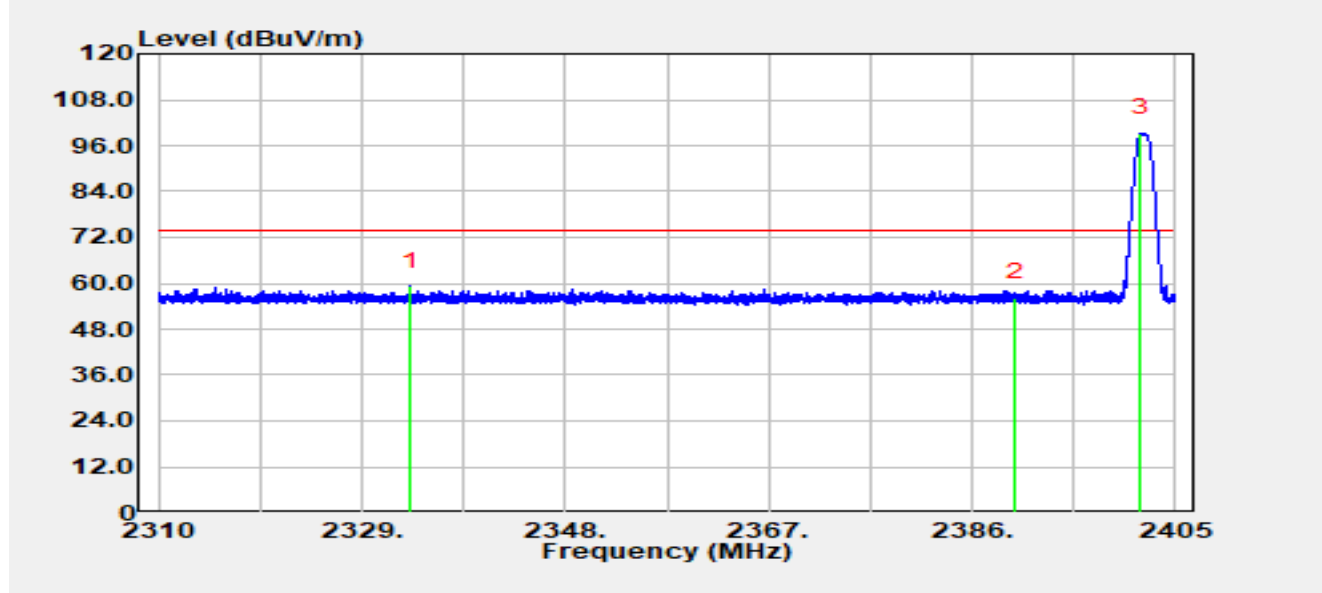
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		55.51	-2.51	18.12	15.61	-24.39	40.00	QP
2		148.34	-2.54	18.13	15.60	-27.90	43.50	QP
3		380.27	-2.93	20.63	17.70	-28.30	46.00	QP
4		662.05	-2.08	26.53	24.45	-21.55	46.00	QP
5	*	789.32	-2.95	28.92	25.98	-20.02	46.00	QP
6		988.46	-2.52	30.72	28.20	-25.80	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 amplitude of the radiated emissions in the frequency range from 9 kHz to 30 MHz and 18 GHz to 25 GHz is close to the ambient noise level, and all emissions are at least 20 dB below the applicable limit. Therefore, the data is not presented in this report.

A.2 Radiated Restricted Band Edge Test Result

Site	WZ-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE-1 M at 2402 MHz		

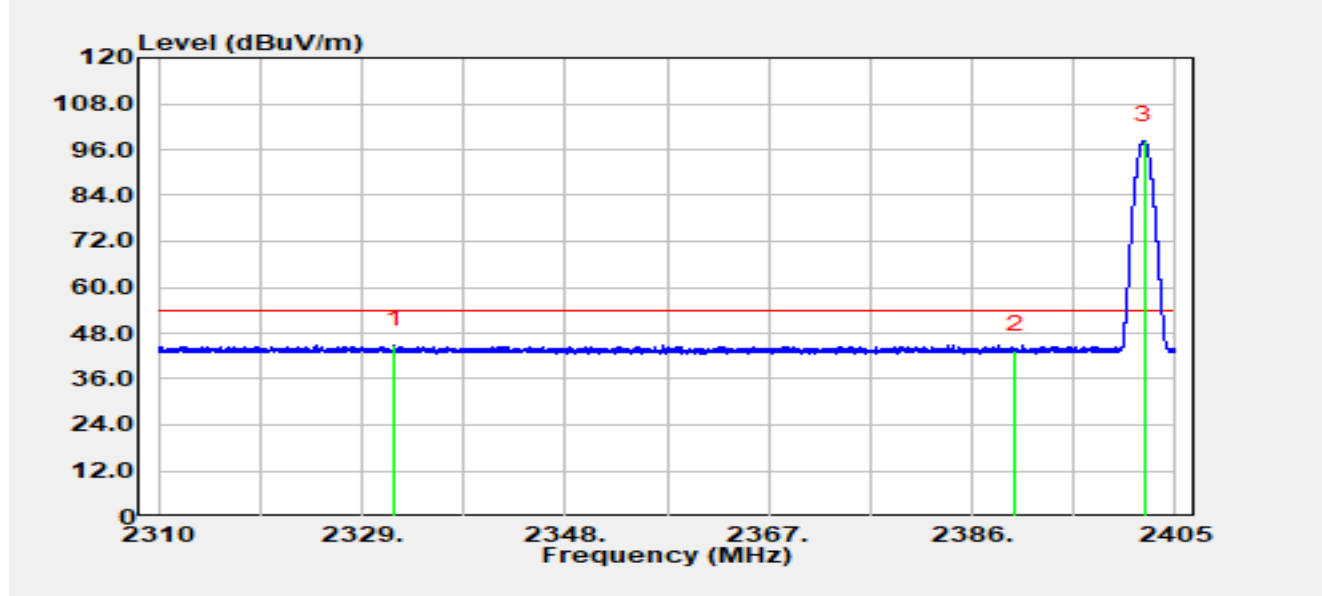


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2333.57	27.17	32.12	59.29	-14.71	74.00	Peak
2		2390.00	24.24	31.95	56.19	-17.81	74.00	Peak
3		2401.79	67.29	31.90	99.19	N/A	N/A	Peak

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE-1 M at 2402 MHz		

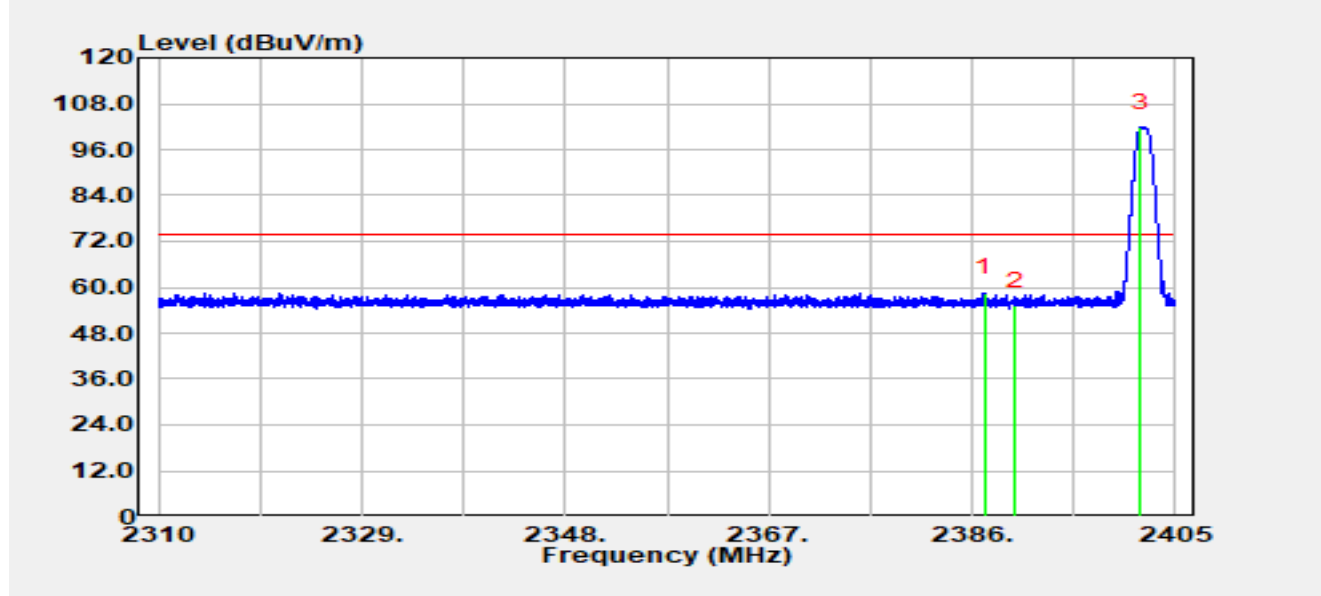


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2331.99	12.88	32.13	45.01	-8.99	54.00	Average
2		2390.00	11.57	31.95	43.52	-10.48	54.00	Average
3		2402.09	66.42	31.90	98.32	N/A	N/A	Average

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE-1 M at 2402 MHz		

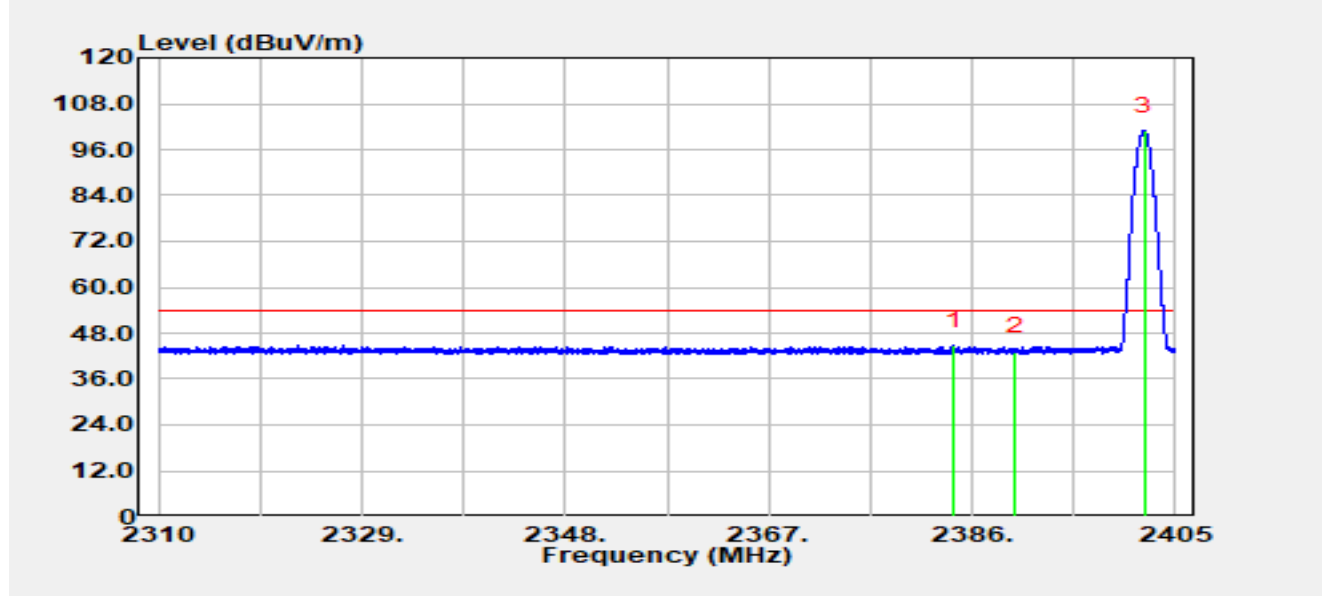


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2387.12	26.62	31.96	58.58	-15.42	74.00	Peak
2		2390.00	23.15	31.95	55.10	-18.90	74.00	Peak
3		2401.78	69.92	31.90	101.82	N/A	N/A	Peak

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE-1 M at 2402 MHz		

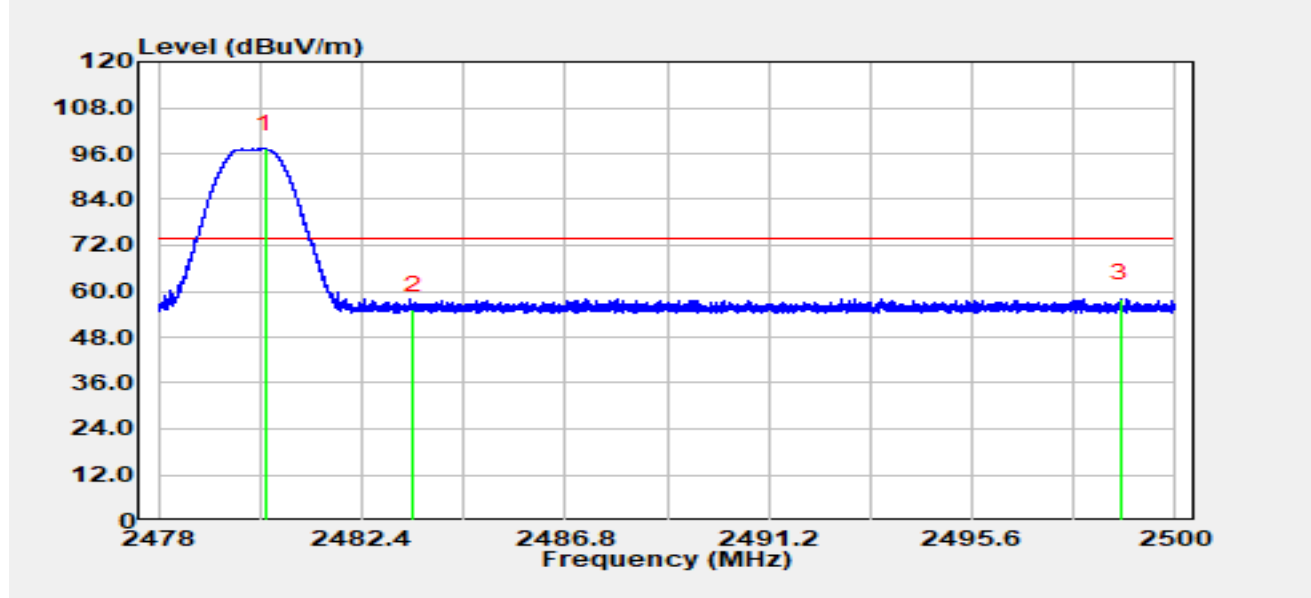


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2384.26	12.76	31.97	44.73	-9.27	54.00	Average
2		2390.00	11.12	31.95	43.06	-10.94	54.00	Average
3		2402.11	69.04	31.90	100.94	N/A	N/A	Average

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE-1 M at 2480 MHz		

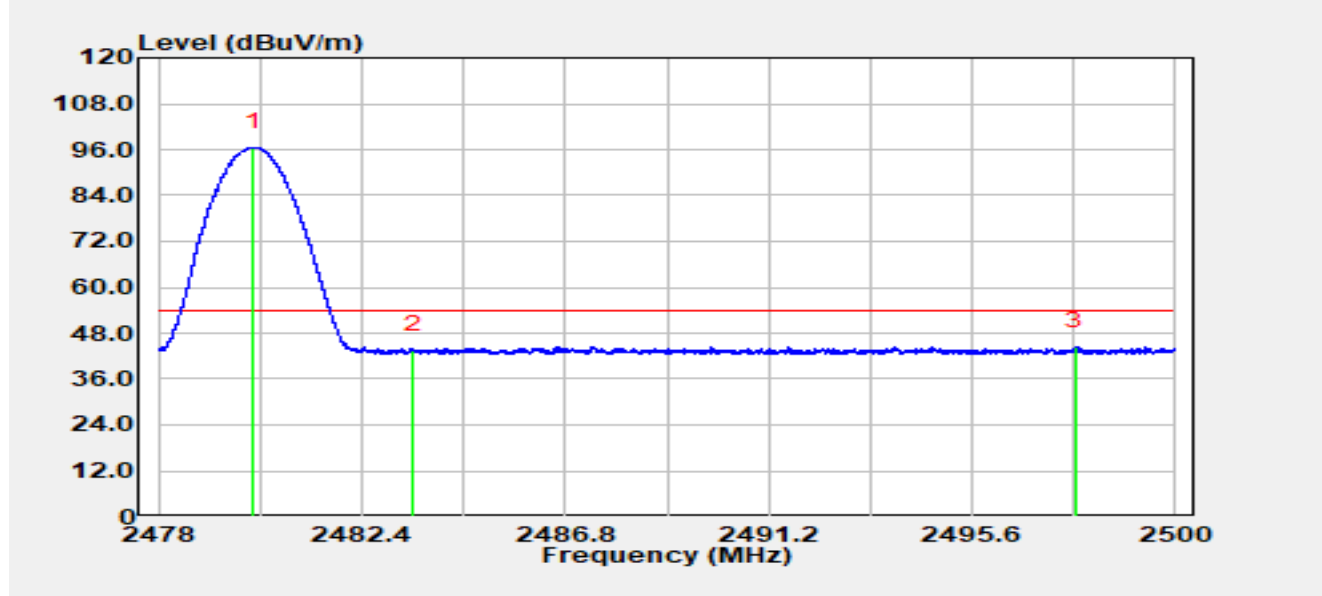


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.31	65.47	31.80	97.27	N/A	N/A	Peak
2		2483.50	23.43	31.81	55.24	-18.76	74.00	Peak
3	*	2498.81	26.35	31.83	58.17	-15.83	74.00	Peak

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE-1 M at 2480 MHz		

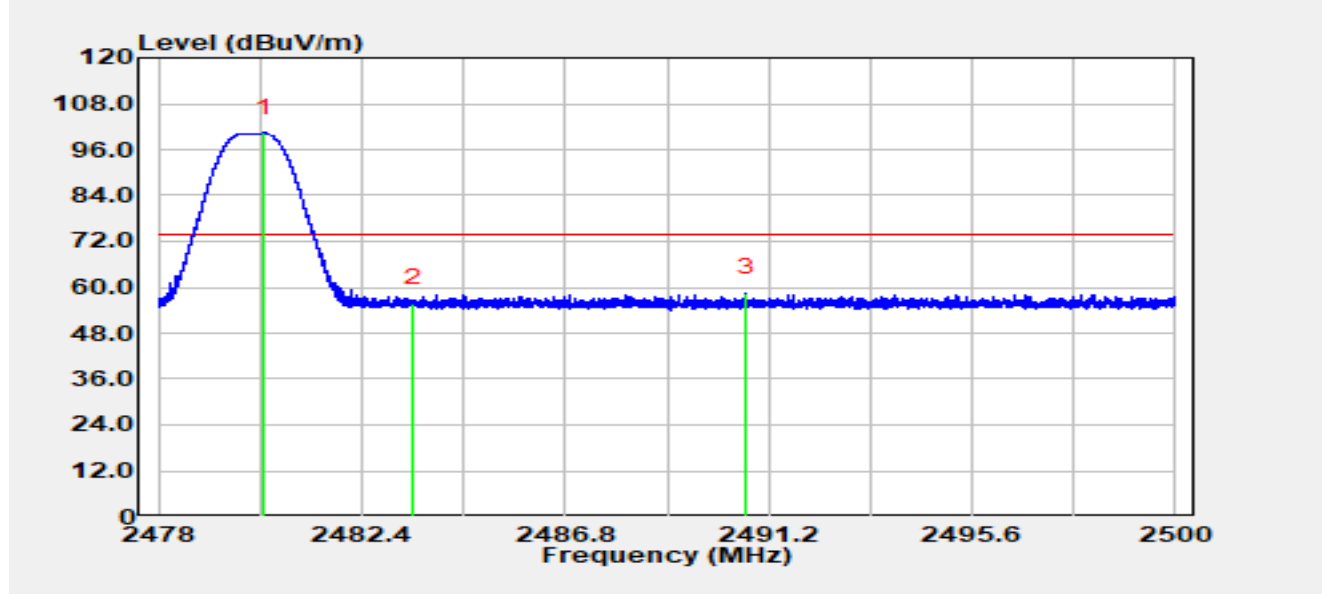


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.05	64.86	31.80	96.66	N/A	N/A	Average
2		2483.50	11.73	31.81	43.54	-10.46	54.00	Average
3	*	2497.84	12.77	31.83	44.60	-9.40	54.00	Average

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE-1 M at 2480 MHz		

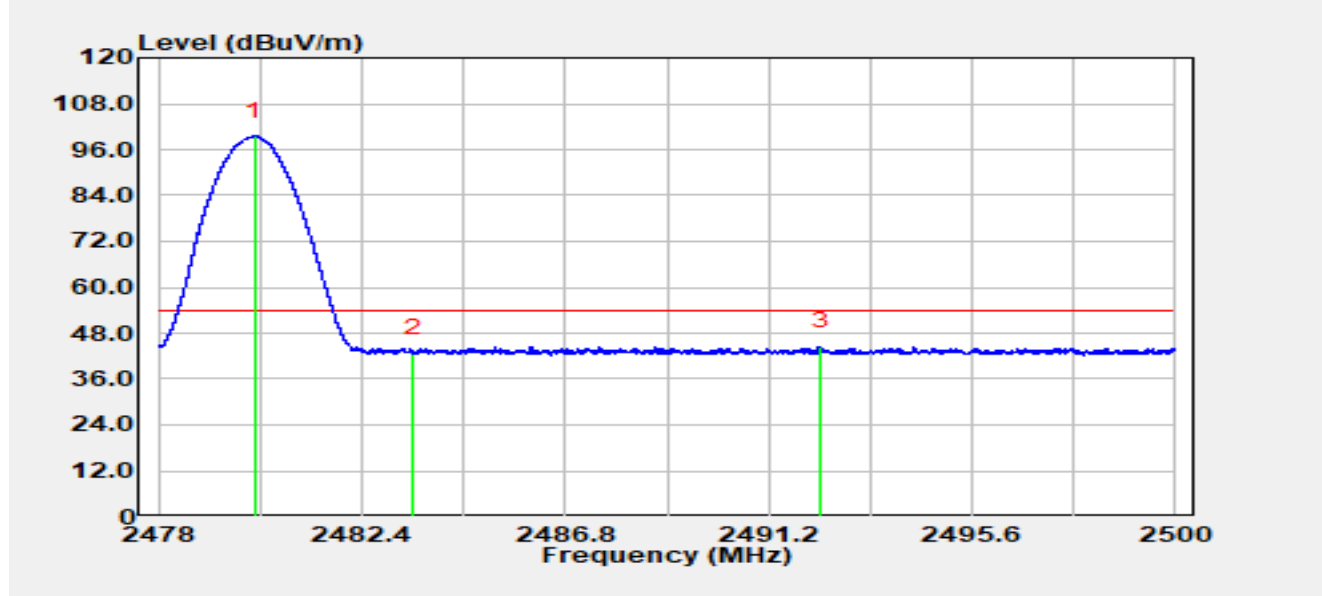


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.29	68.52	31.80	100.32	N/A	N/A	Peak
2		2483.50	24.05	31.81	55.86	-18.14	74.00	Peak
3	*	2490.72	26.60	31.83	58.42	-15.58	74.00	Peak

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE-1 M at 2480 MHz		

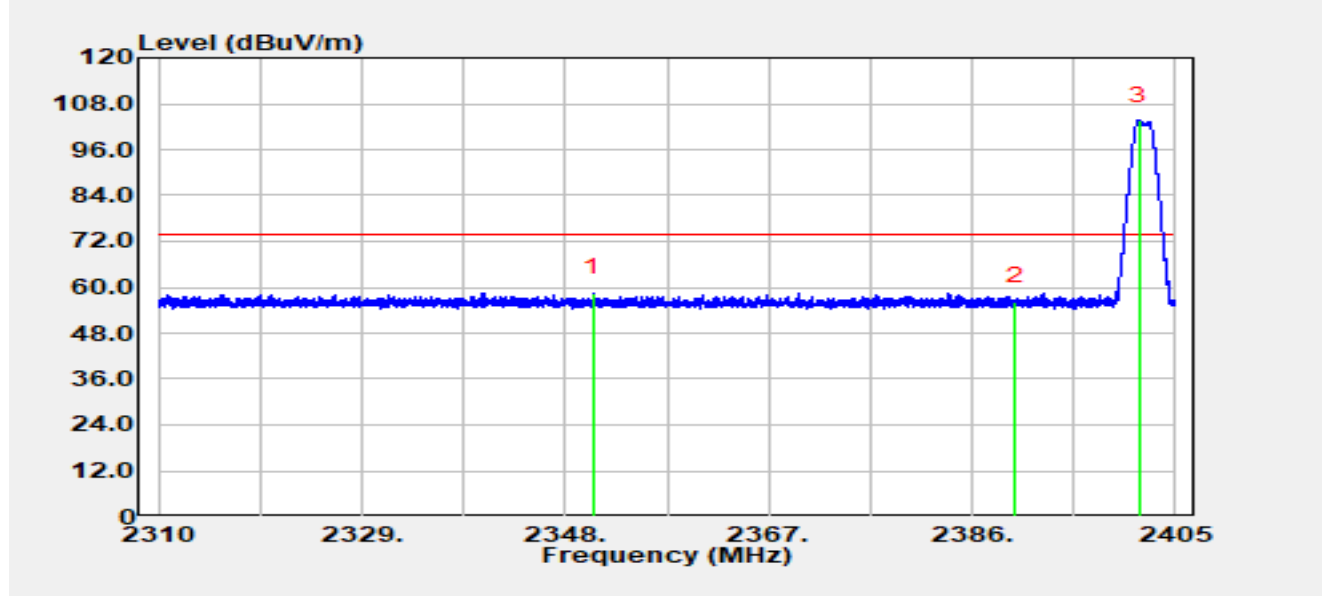


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.08	67.70	31.80	99.50	N/A	N/A	Average
2		2483.50	10.78	31.81	42.59	-11.41	54.00	Average
3	*	2492.32	12.72	31.83	44.55	-9.45	54.00	Average

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE-2 M at 2402 MHz		

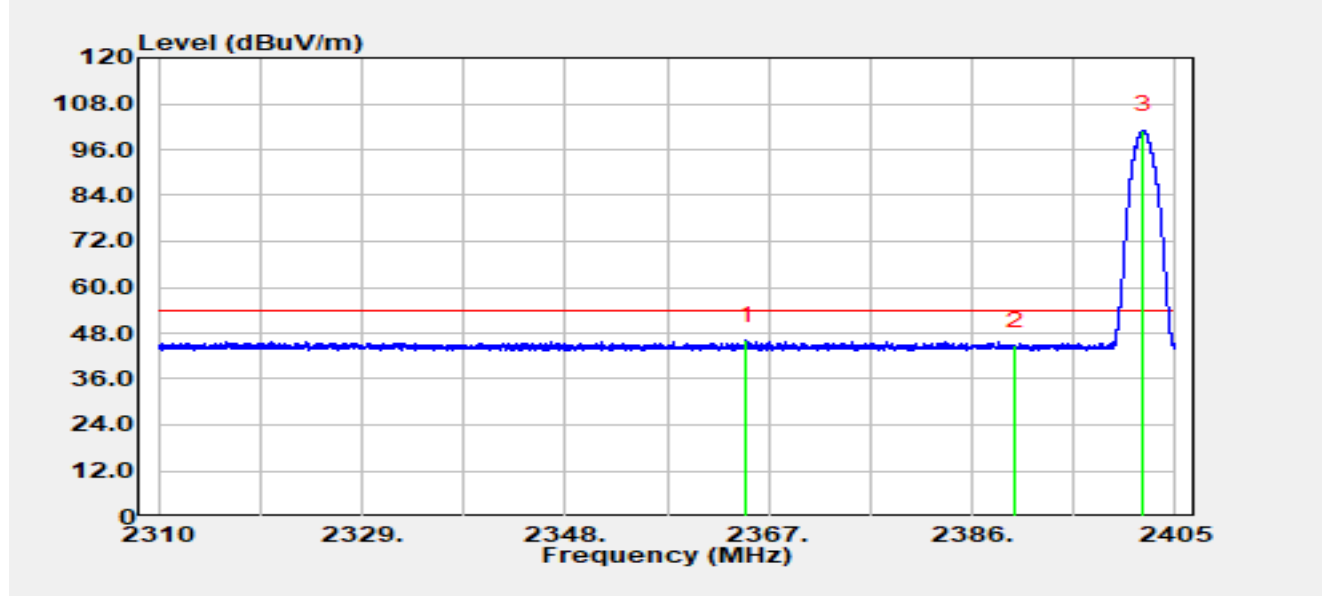


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2350.60	26.43	32.04	58.46	-15.54	74.00	Peak
2		2390.00	24.35	31.95	56.30	-17.70	74.00	Peak
3		2401.56	71.69	31.90	103.59	N/A	N/A	Peak

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE-2 M at 2402 MHz		

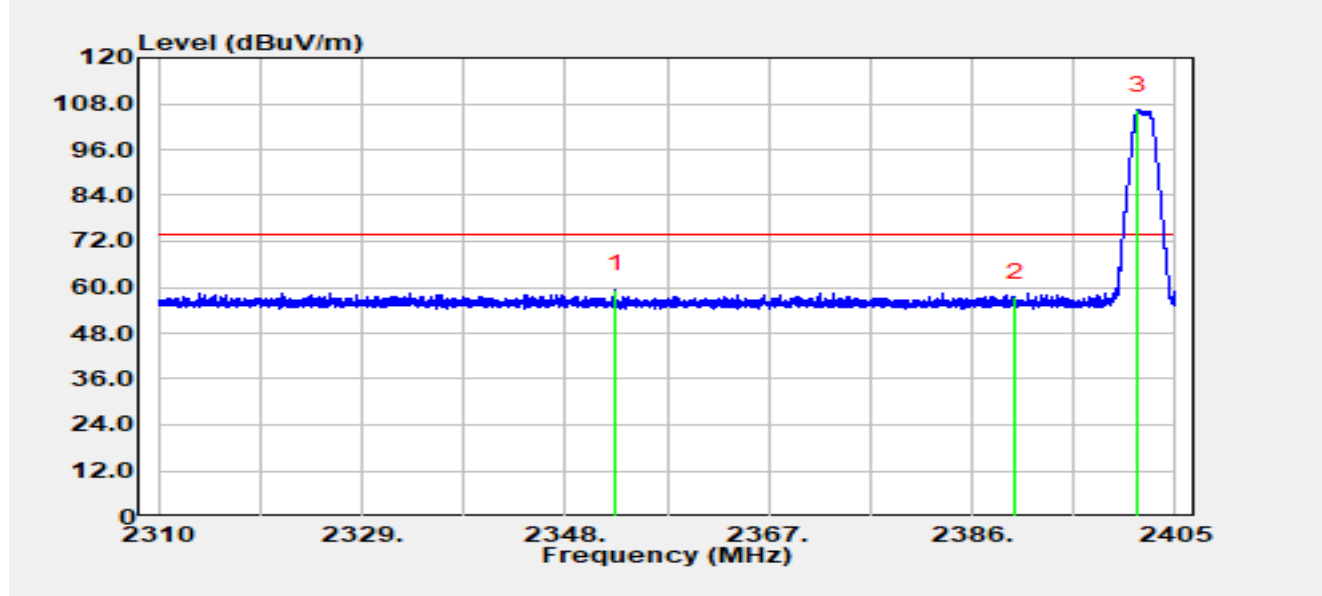


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2364.95	14.14	31.98	46.13	-7.87	54.00	Average
2		2390.00	12.83	31.95	44.78	-9.22	54.00	Average
3		2401.99	69.14	31.90	101.04	N/A	N/A	Average

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE-2 M at 2402 MHz		

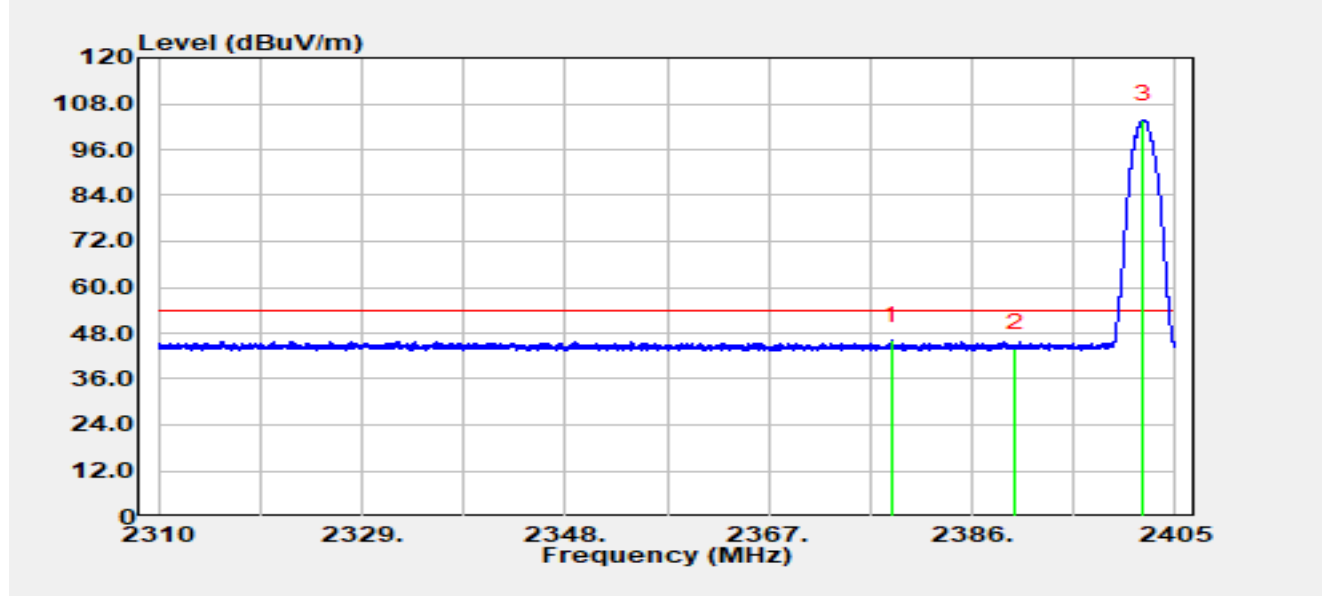


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2352.66	27.48	32.03	59.50	-14.50	74.00	Peak
2		2390.00	25.50	31.95	57.45	-16.55	74.00	Peak
3		2401.54	74.44	31.90	106.34	N/A	N/A	Peak

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE-2 M at 2402 MHz		

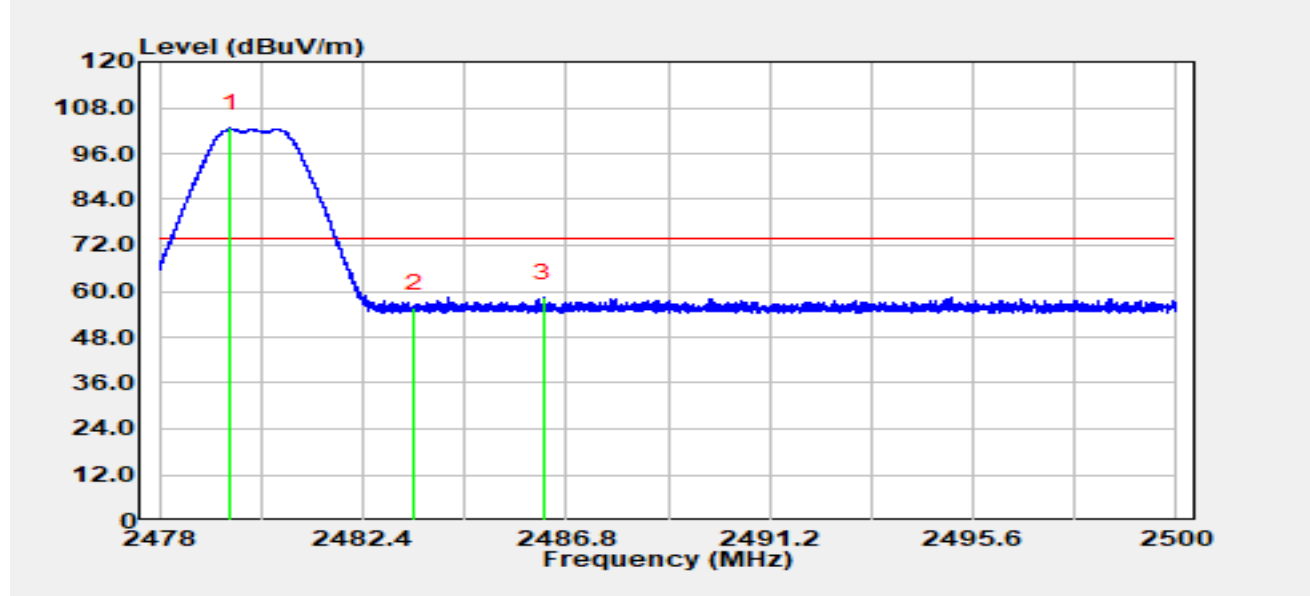


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2378.47	14.17	31.97	46.14	-7.86	54.00	Average
2		2390.00	12.16	31.95	44.11	-9.89	54.00	Average
3		2401.98	71.91	31.90	103.81	N/A	N/A	Average

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE-2 M at 2480 MHz		

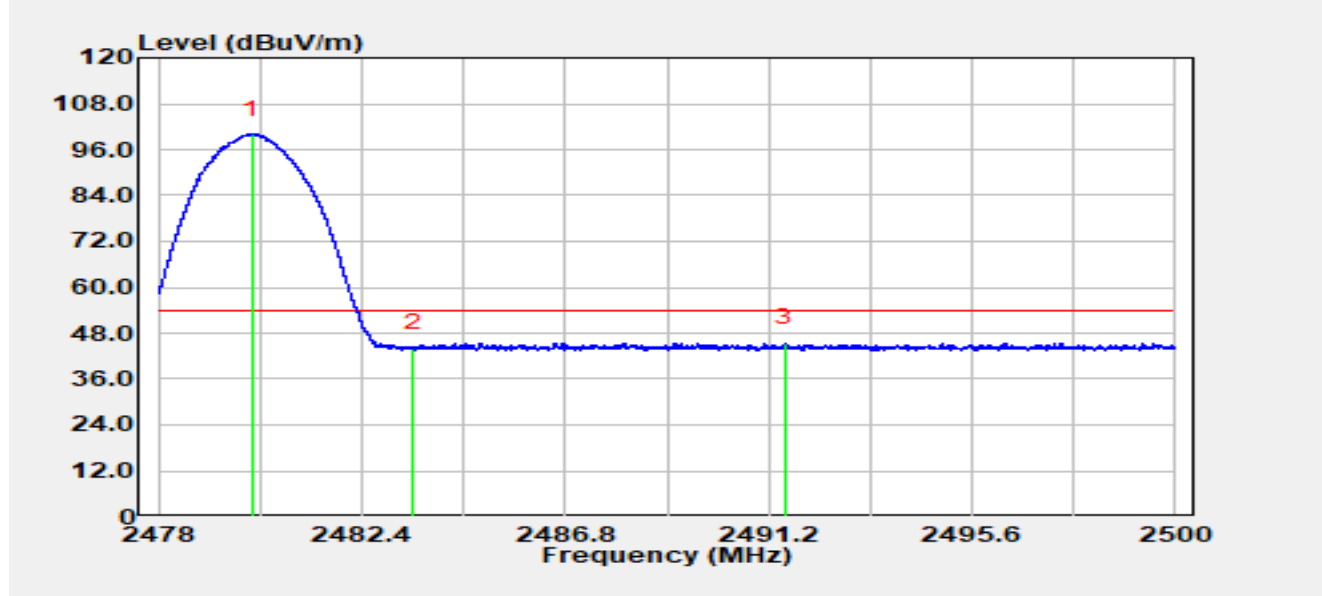


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.54	70.78	31.80	102.59	N/A	N/A	Peak
2		2483.50	23.71	31.81	55.52	-18.48	74.00	Peak
3	*	2486.30	26.47	31.82	58.29	-15.71	74.00	Peak

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE-2 M at 2480 MHz		

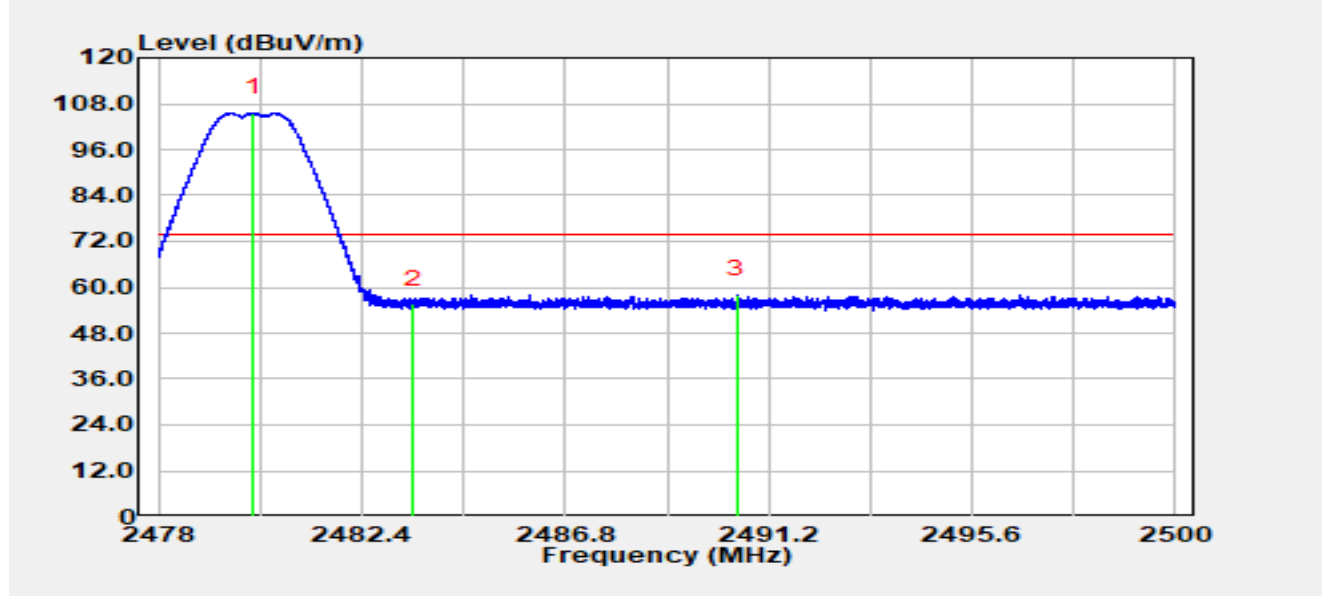


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.03	68.19	31.80	99.99	N/A	N/A	Average
2		2483.50	12.20	31.81	44.01	-9.99	54.00	Average
3	*	2491.55	13.64	31.83	45.47	-8.53	54.00	Average

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE-2 M at 2480 MHz		

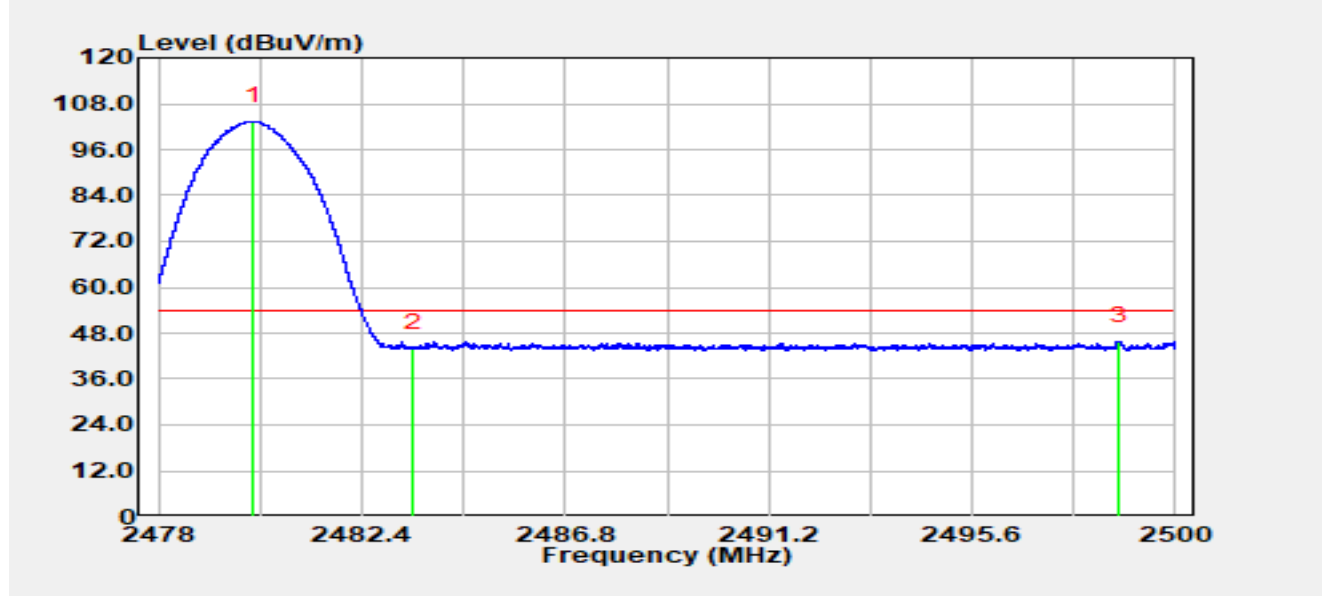


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.04	73.83	31.80	105.63	N/A	N/A	Peak
2		2483.50	23.73	31.81	55.54	-18.46	74.00	Peak
3	*	2490.51	26.27	31.82	58.09	-15.91	74.00	Peak

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-AC1	Test Date	2025-10-23
Temperature	22.5 °C	Humidity	42.5%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Dick Shen
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE-2 M at 2480 MHz		

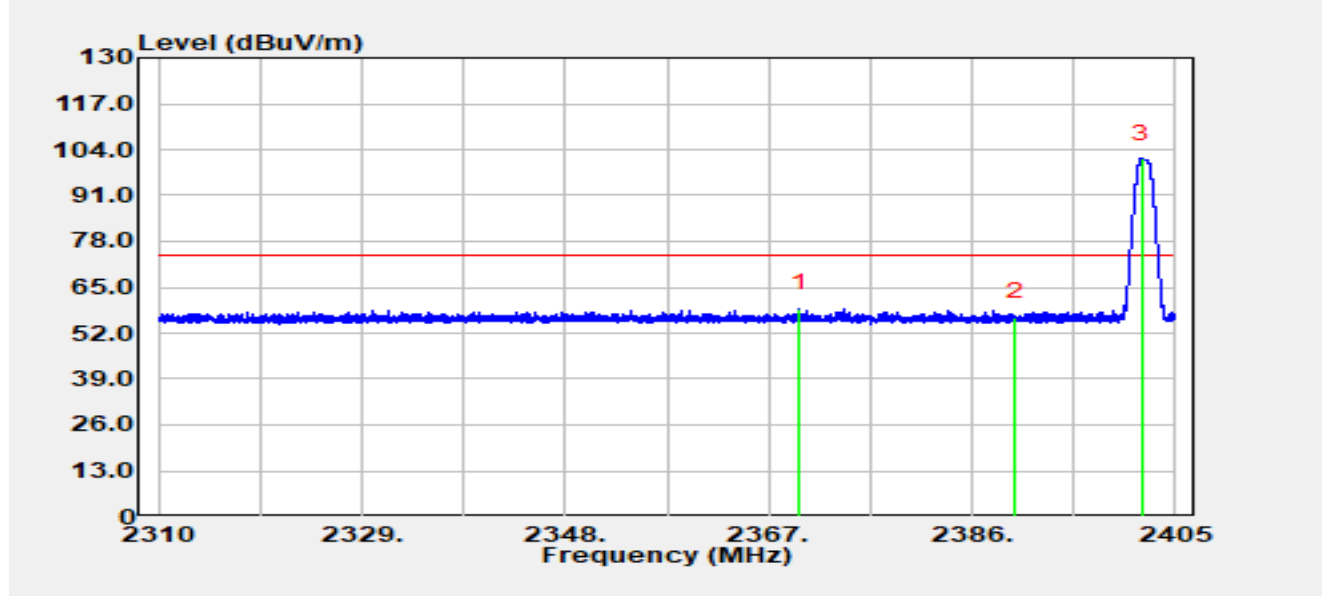


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.05	71.60	31.80	103.41	N/A	N/A	Average
2		2483.50	12.26	31.81	44.07	-9.93	54.00	Average
3	*	2498.77	14.06	31.83	45.89	-8.11	54.00	Average

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE S2 at 2402 MHz		

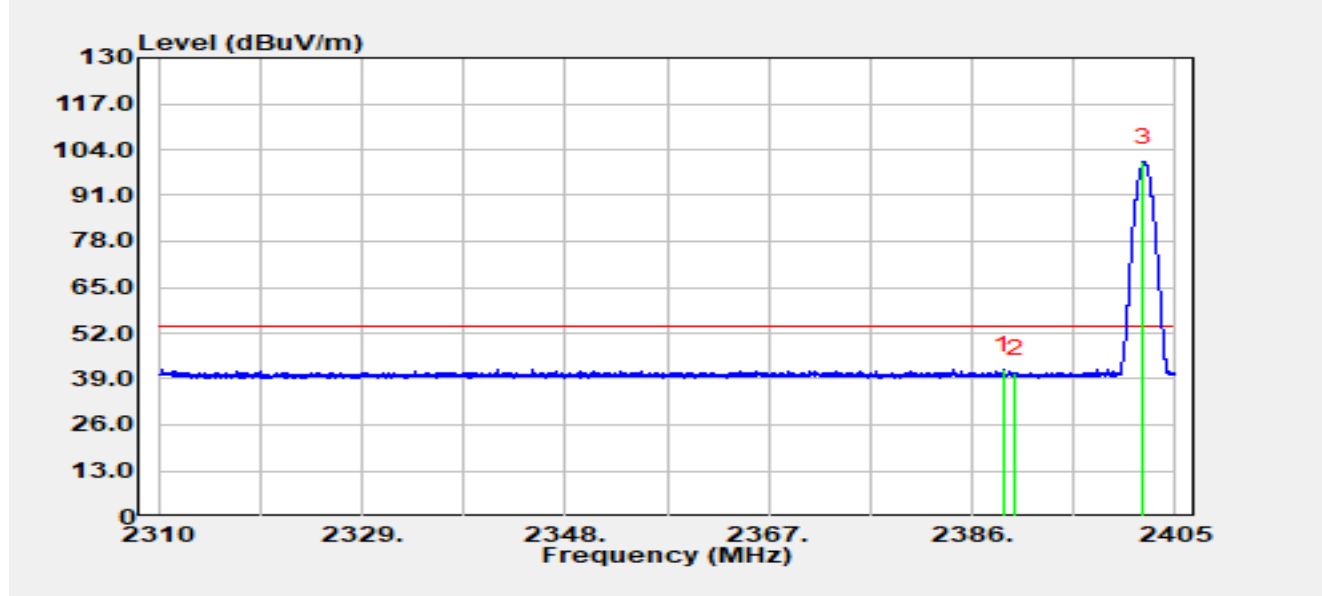


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2369.86	25.78	33.10	58.88	-15.12	74.00	Peak
2		2390.00	23.43	33.04	56.47	-17.53	74.00	Peak
3		2401.83	68.39	32.99	101.38	N/A	N/A	Peak

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE S2 at 2402 MHz		

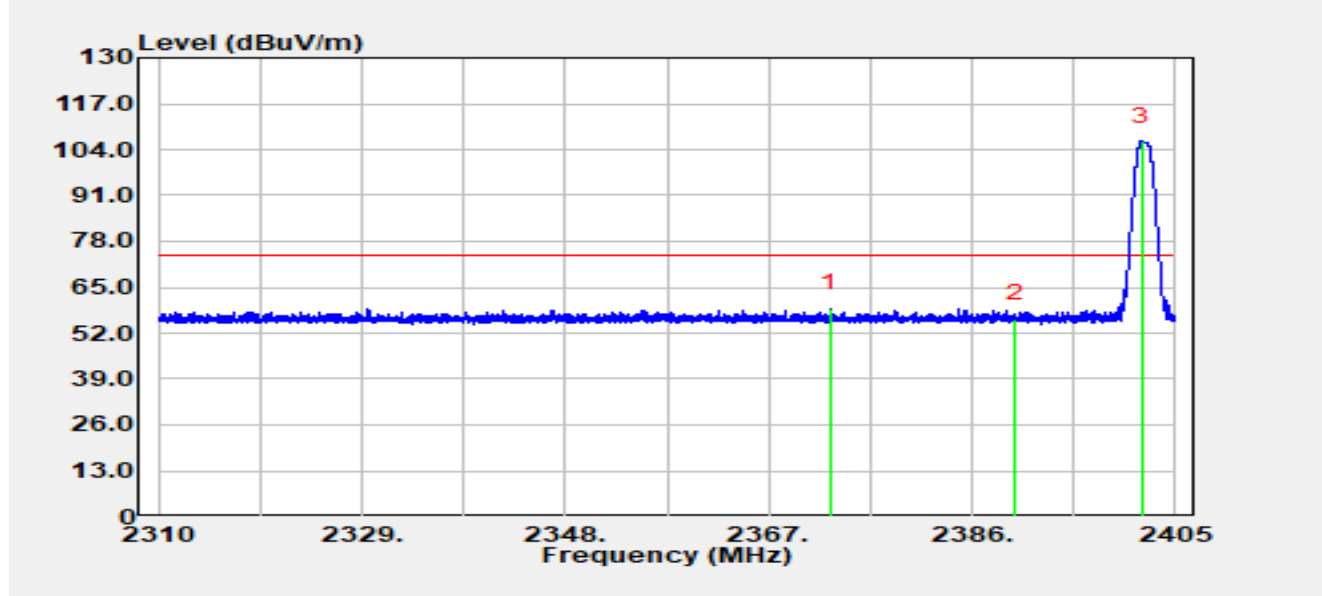


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2388.96	8.54	33.05	41.58	-12.42	54.00	Average
2		2390.00	7.44	33.04	40.48	-13.52	54.00	Average
3		2402.04	67.47	32.99	100.46	N/A	N/A	Average

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE S2 at 2402 MHz		

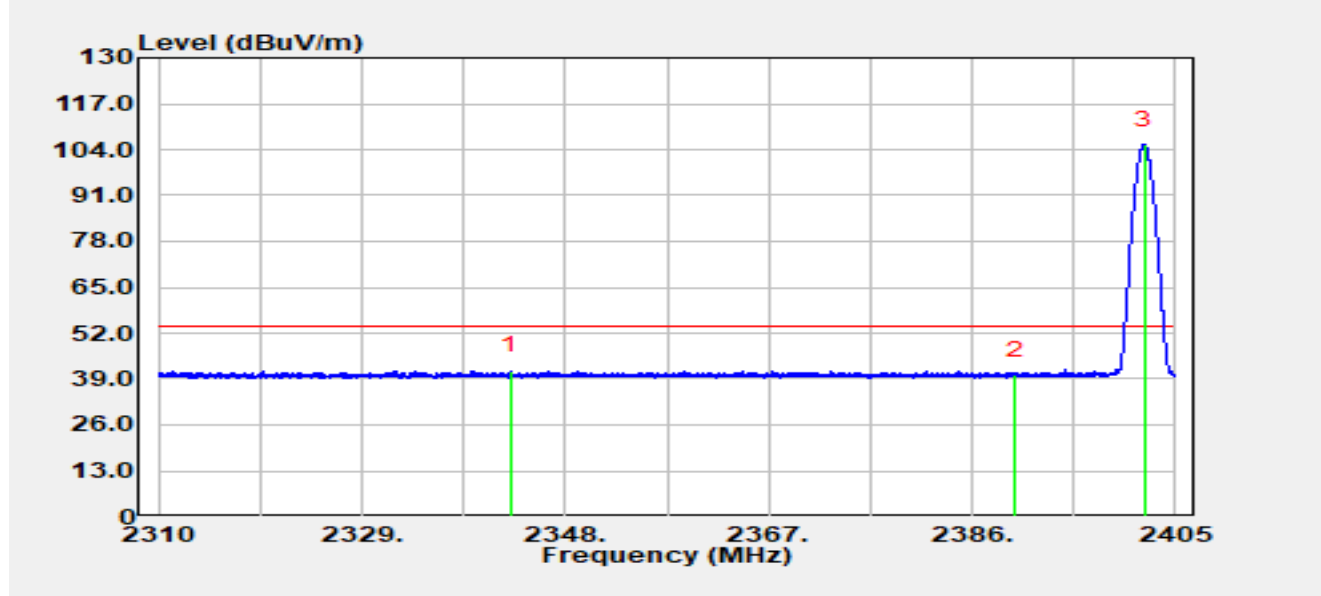


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2372.80	25.92	33.09	59.01	-14.99	74.00	Peak
2		2390.00	23.08	33.04	56.12	-17.88	74.00	Peak
3		2401.82	73.34	32.99	106.34	N/A	N/A	Peak

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE S2 at 2402 MHz		

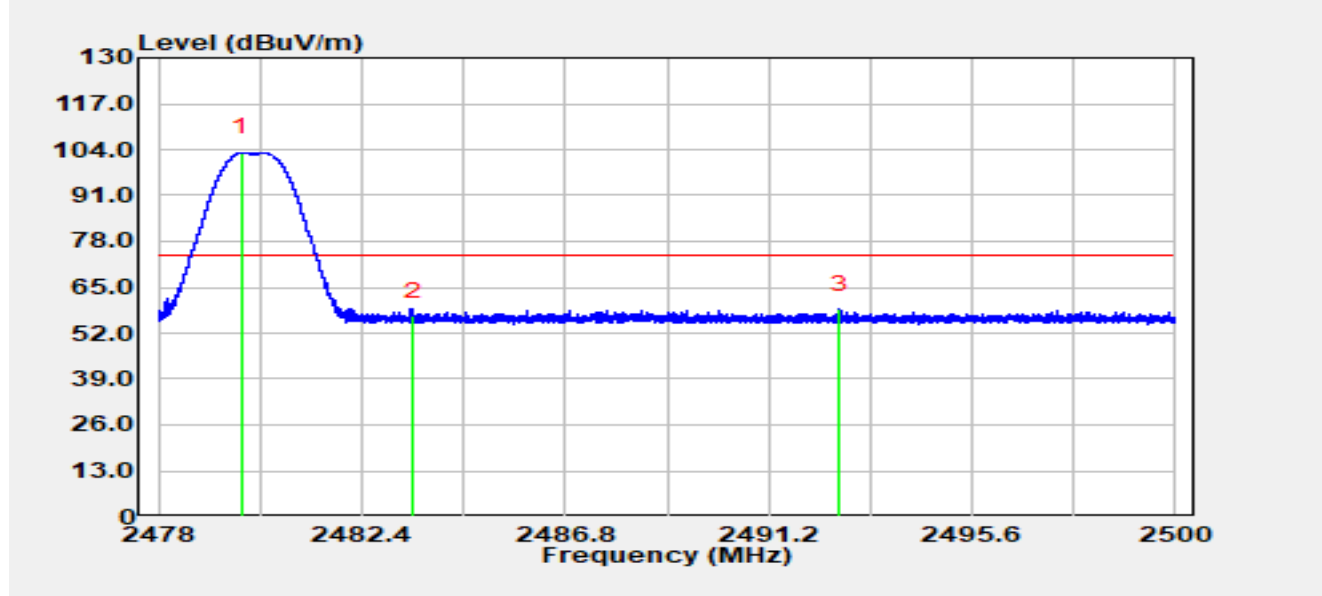


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2342.90	8.22	33.15	41.37	-12.63	54.00	Average
2		2390.00	7.17	33.04	40.21	-13.79	54.00	Average
3		2402.12	72.41	32.99	105.40	N/A	N/A	Average

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE S2 at 2480 MHz		

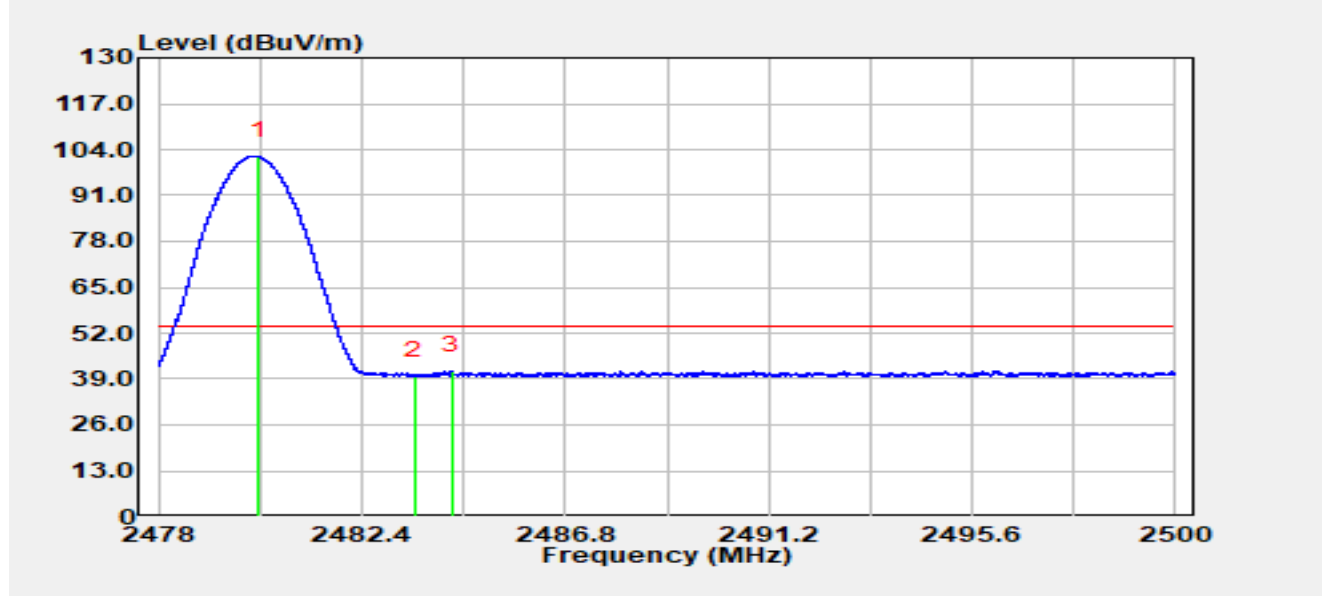


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.80	70.35	32.77	103.12	N/A	N/A	Peak
2		2483.50	24.07	32.77	56.84	-17.16	74.00	Peak
3	*	2492.74	25.95	32.76	58.71	-15.29	74.00	Peak

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE S2 at 2480 MHz		

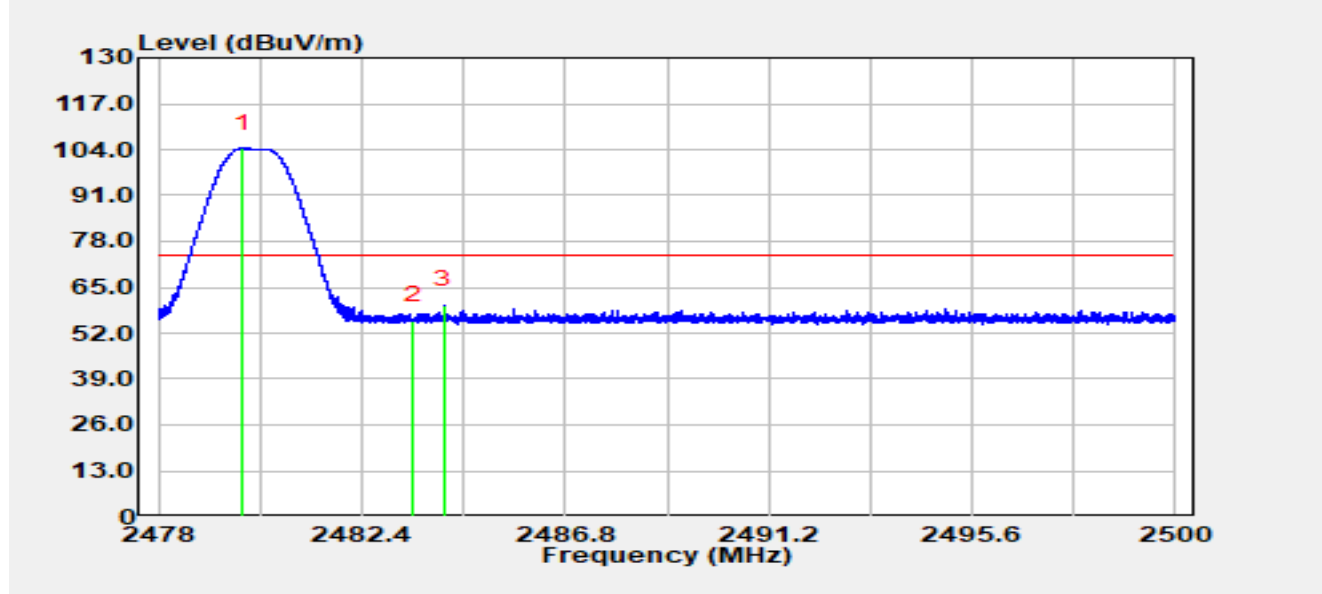


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.16	69.49	32.77	102.26	N/A	N/A	Average
2		2483.53	7.20	32.77	39.97	-14.03	54.00	Average
3	*	2484.33	8.49	32.77	41.26	-12.74	54.00	Average

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE S2 at 2480 MHz		

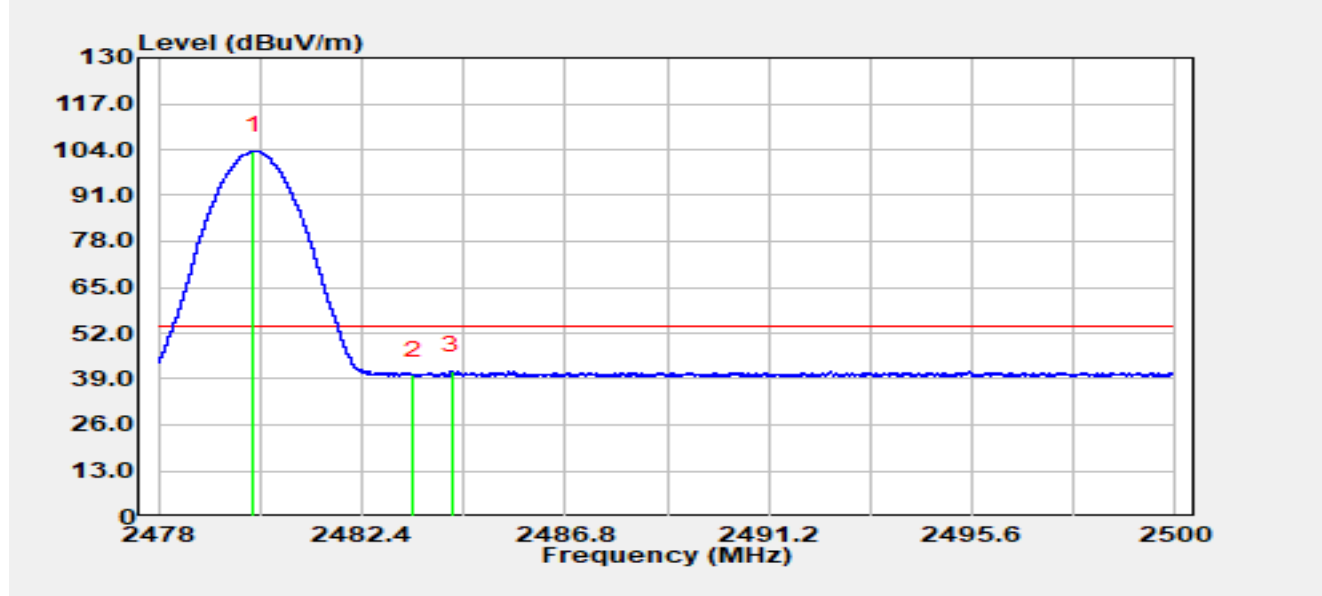


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.82	71.58	32.77	104.36	N/A	N/A	Peak
2		2483.50	22.78	32.77	55.54	-18.46	74.00	Peak
3	*	2484.18	27.14	32.77	59.91	-14.09	74.00	Peak

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE S2 at 2480 MHz		

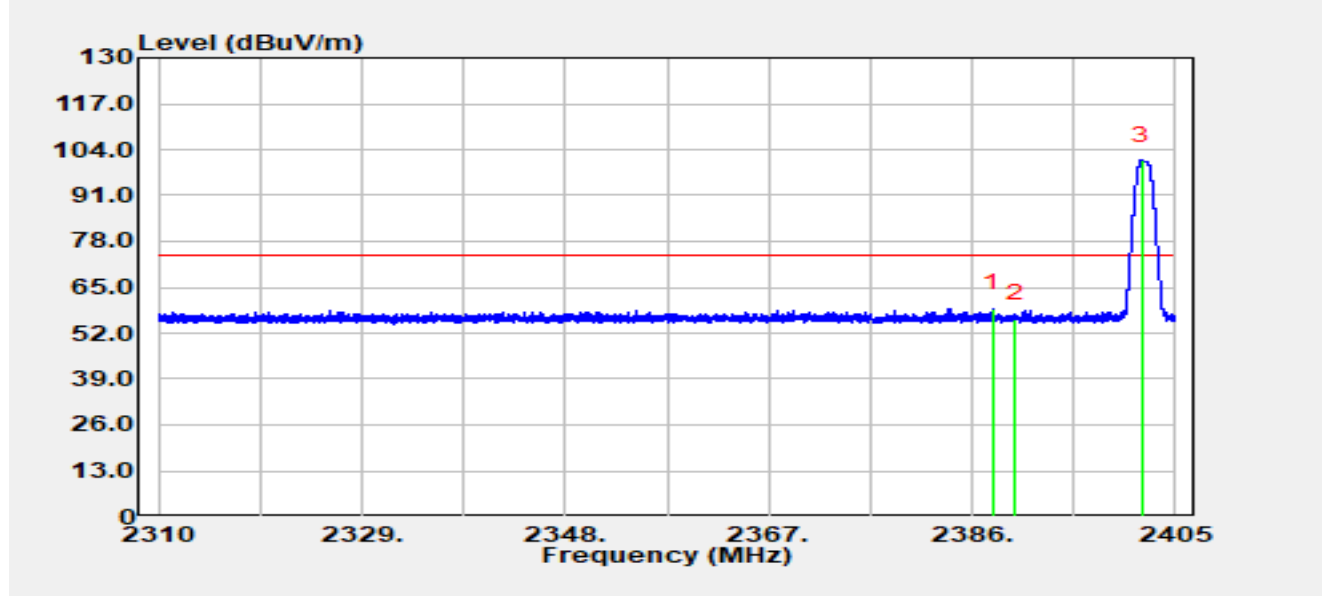


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.06	70.76	32.77	103.53	N/A	N/A	Average
2		2483.50	7.39	32.77	40.15	-13.85	54.00	Average
3	*	2484.36	8.50	32.77	41.27	-12.73	54.00	Average

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE S8 at 2402 MHz		

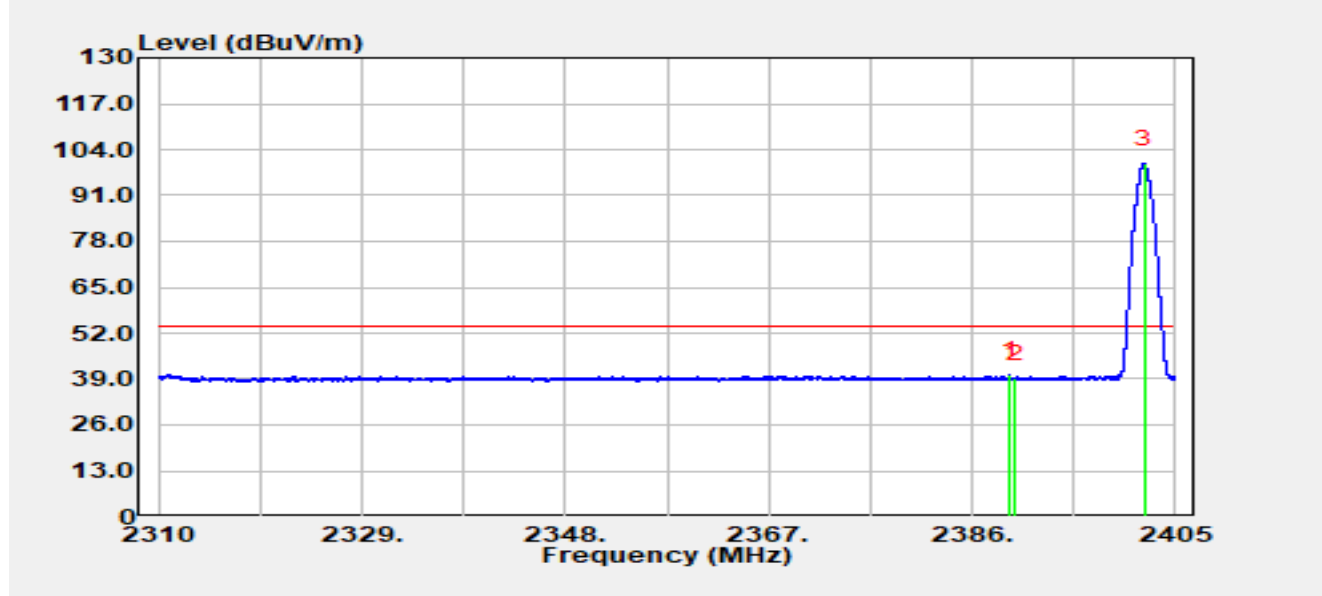


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2387.95	25.98	33.05	59.03	-14.97	74.00	Peak
2		2390.00	23.08	33.04	56.12	-17.88	74.00	Peak
3		2401.83	68.03	32.99	101.03	N/A	N/A	Peak

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE S8 at 2402 MHz		

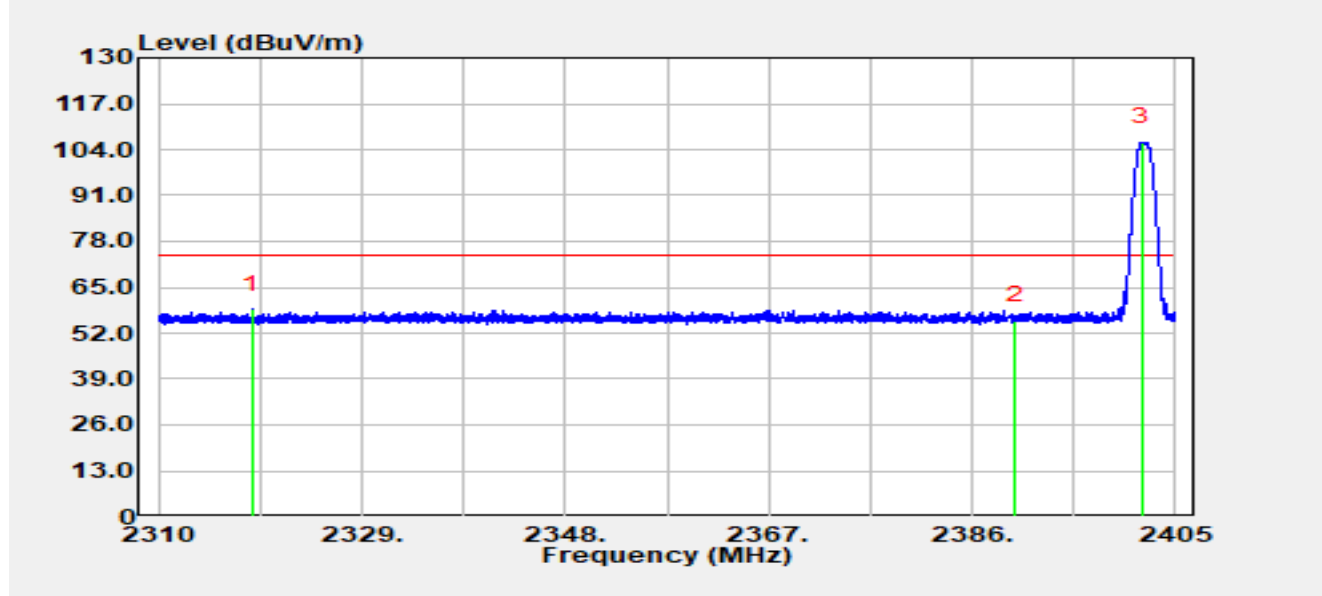


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2389.52	7.02	33.04	40.06	-13.94	54.00	Average
2		2390.00	6.10	33.04	39.14	-14.86	54.00	Average
3		2402.07	66.92	32.99	99.92	N/A	N/A	Average

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE S8 at 2402 MHz		

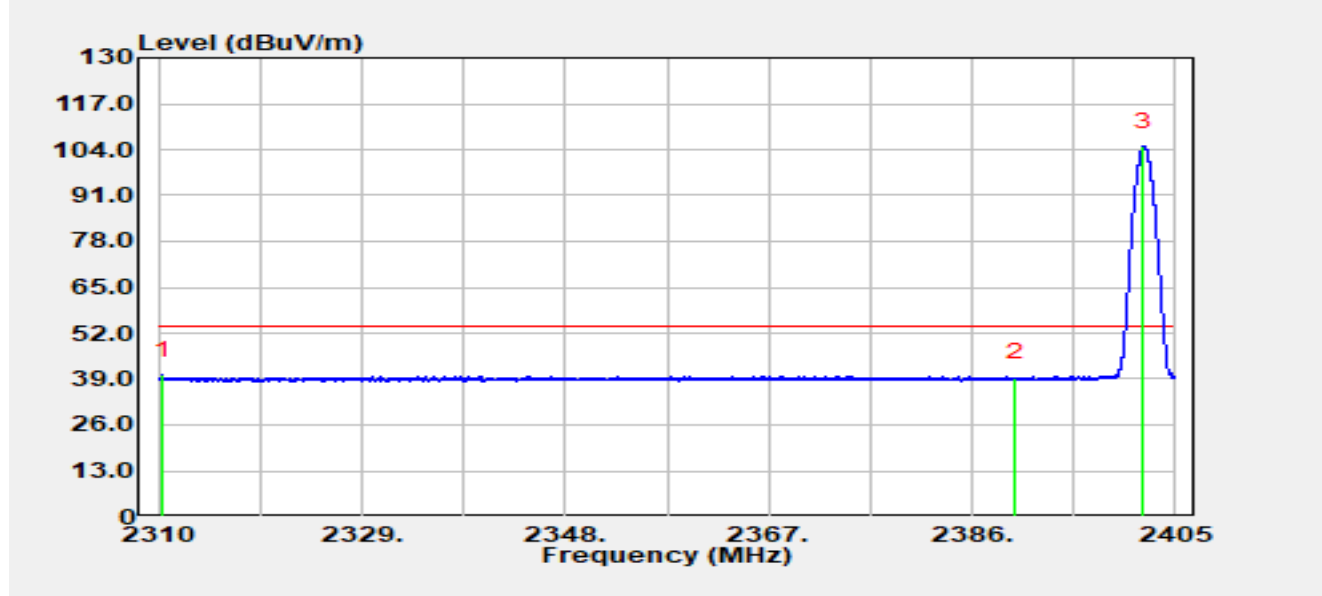


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2318.78	25.46	33.18	58.64	-15.36	74.00	Peak
2		2390.00	22.53	33.04	55.58	-18.42	74.00	Peak
3		2401.84	73.06	32.99	106.06	N/A	N/A	Peak

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE S8 at 2402 MHz		

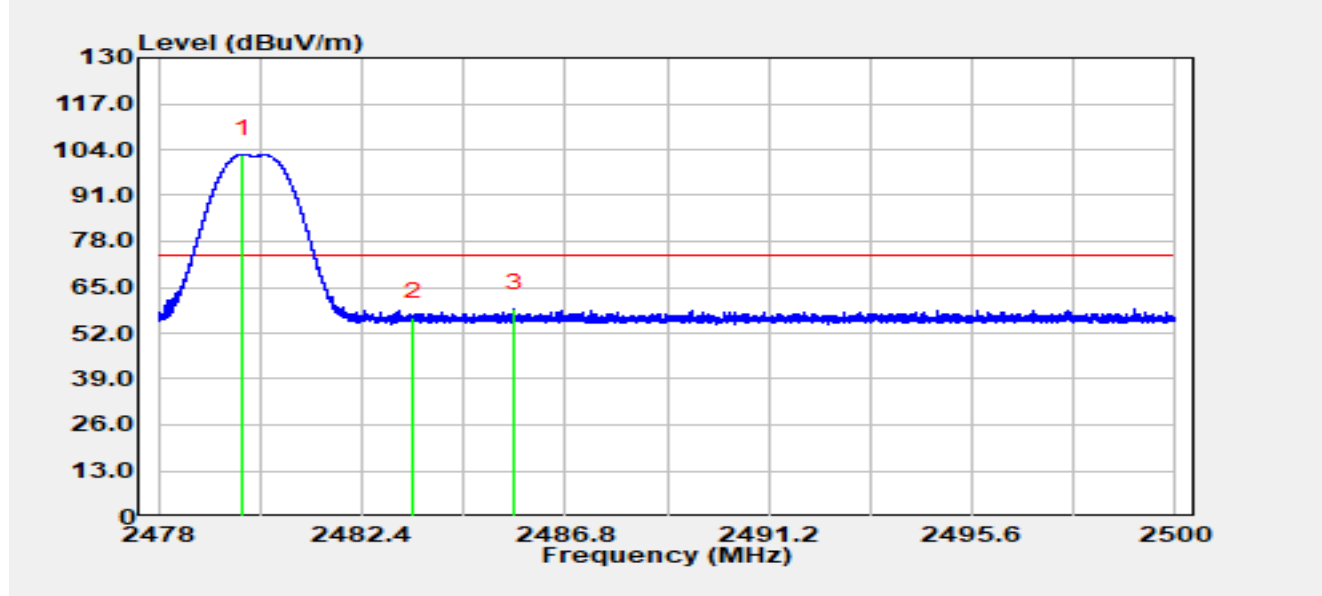


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	2310.36	6.81	33.17	39.99	-14.01	54.00	Average
2		2390.00	6.28	33.04	39.33	-14.67	54.00	Average
3		2402.04	71.90	32.99	104.89	N/A	N/A	Average

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE S8 at 2480 MHz		

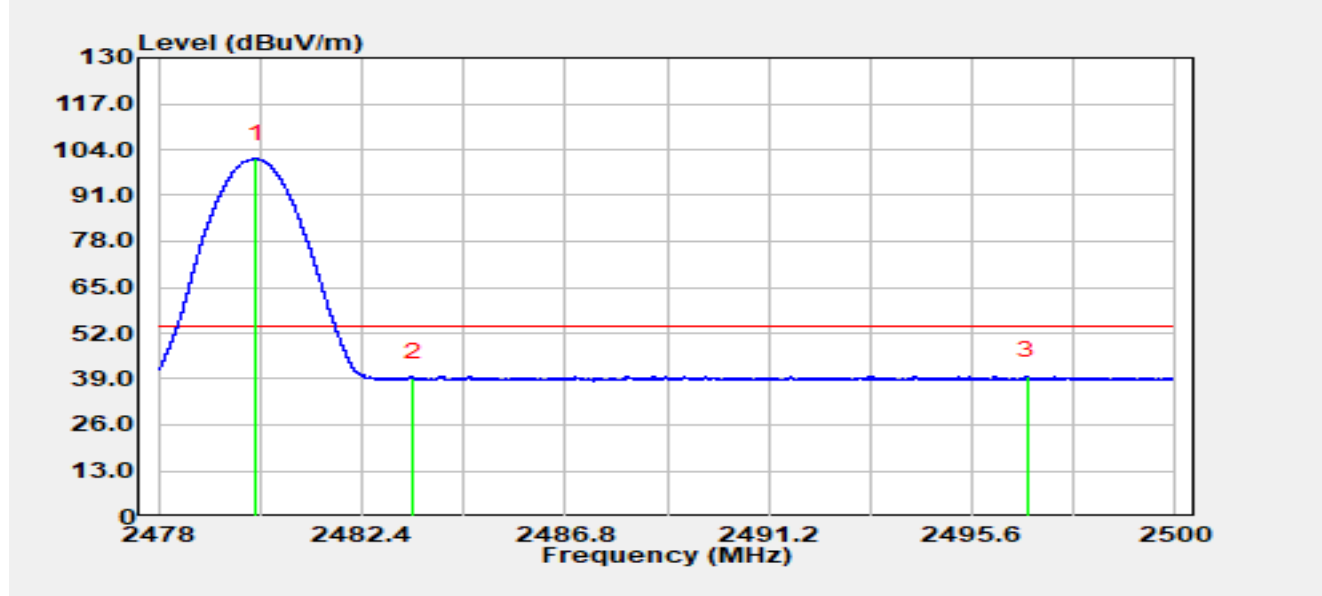


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.83	69.82	32.77	102.60	N/A	N/A	Peak
2		2483.50	23.79	32.77	56.56	-17.44	74.00	Peak
3	*	2485.71	26.11	32.77	58.87	-15.13	74.00	Peak

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Horizontal
Test Mode	Transmit by BLE S8 at 2480 MHz		

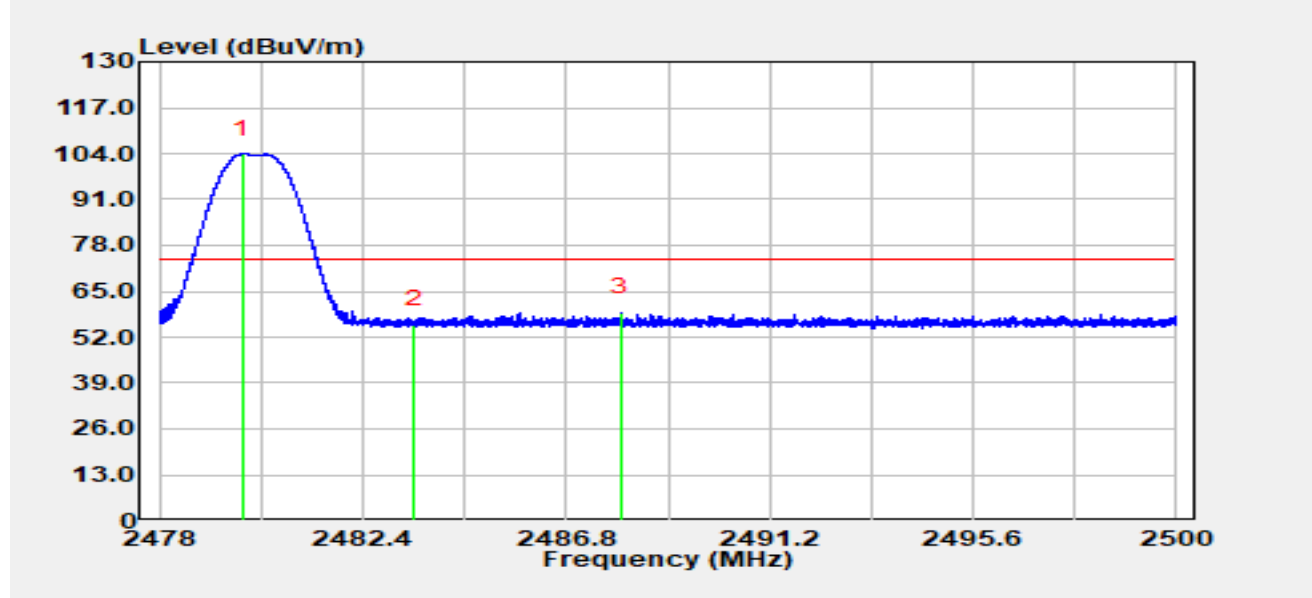


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.11	68.60	32.77	101.37	N/A	N/A	Average
2		2483.50	6.55	32.77	39.31	-14.69	54.00	Average
3	*	2496.80	7.08	32.77	39.85	-14.15	54.00	Average

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE S8 at 2480 MHz		

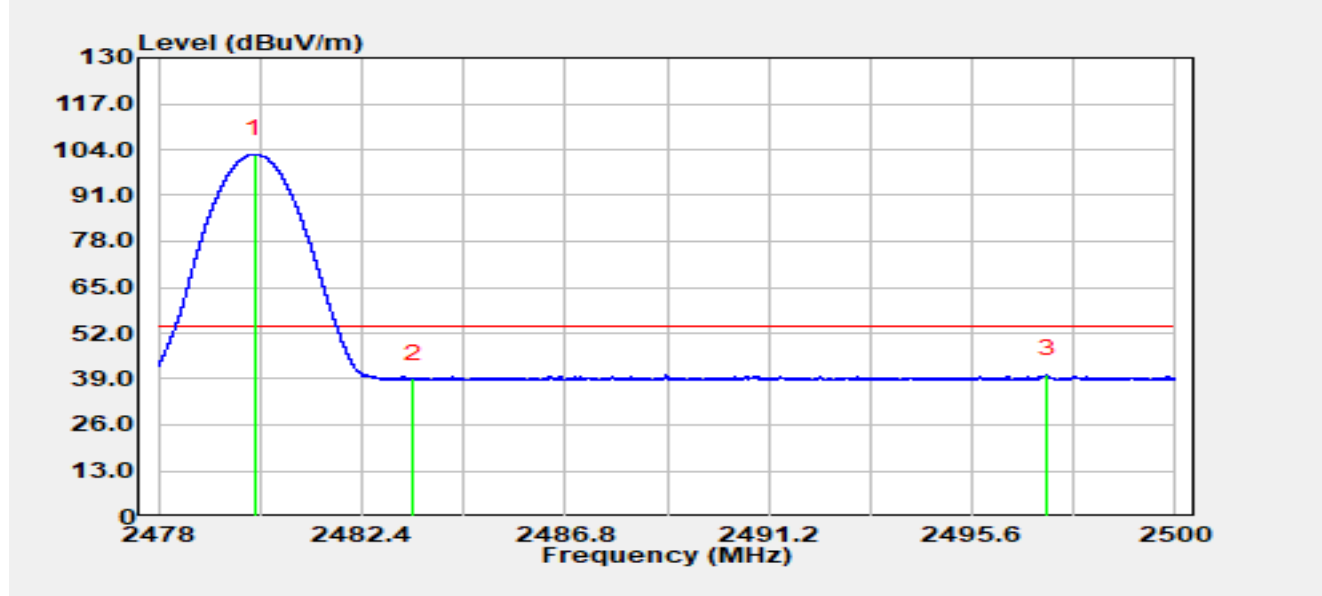


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2479.80	71.16	32.77	103.94	N/A	N/A	Peak
2		2483.50	22.71	32.77	55.48	-18.52	74.00	Peak
3	*	2487.98	26.28	32.76	59.04	-14.96	74.00	Peak

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	2025-10-29
Temperature	25.2 °C	Humidity	43.3%
Limit	FCC_2.4G_RE (3 m)	Test Engineer	Jerry Lu
Test Voltage	By Battery	Polarity	Vertical
Test Mode	Transmit by BLE S8 at 2480 MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2480.08	69.92	32.77	102.69	N/A	N/A	Average
2		2483.50	6.41	32.77	39.18	-14.82	54.00	Average
3	*	2497.22	7.54	32.77	40.30	-13.70	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).

Appendix B - Test Setup Photograph

Refer to "R25S1042095-UT" file.

Appendix C - EUT Photograph

Refer to "R25S1042095-UE" file.

_____ The End _____