



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: 2026-04-15

Test Date: 2026-04-28 ~ 2026-05-07

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
R26S1051036-U201	V01	Initial Report	2026-05-11	Valid

Note: This report is based on the original MRT reports (report No.: 2406RSU006-U3 & R25S1035018-U201 & R25S1042095-U203) to make the following modifications:

A new engine has been added, available in two models-S0903 and N6903-which are essentially identical, with differences only for marketing purposes.

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 CNAS: L10551 FCC: CN1166 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	Mobile Computer
Model No.	CK62H00
EUT Identification No.	Y-260415-R051-01
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Bluetooth Specification	Bluetooth Dual mode V5.3
Antenna Specification	Refer to clause 1.7
Power Type	By Battery
Accessory(ies)	
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	802.11b/g/n-HT20/ax-HE20: 11 VHT20: 11 802.11n-HT40/ax-HE40: 7 VHT40: 7	
Modulation Technology	802.11b: DSSS 802.11g/n: OFDM VHT: OFDM 802.11ax: OFDMA	
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 300 Mbps 802.11ax: up to 573.6 Mbps VHT: up to 400 Mbps	
Channel Puncturing Function	☐ Supported	☒ Unsupported
Support RU	☒ Full RU	☒ Partial RU

1.6. Working Frequencies

802.11b/g/n-HT20/ax-HE20/VHT20

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

802.11n-HT40/ax-HE40/VHT40

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

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	Antenna Gain (dBi)		Directional Gain (dBi)	
		Ant 2	Ant 3	Uncorrelated (For Power)	Correlated (For PSD)
Wi-Fi Antennas					
PIFA	2400 ~ 2500	2.55	2.28	2.55	5.56
	5150 ~ 5350	4.00	2.41	4.00	7.01
	5470 ~ 5725	4.16	3.97	4.16	7.17
	5725 ~ 5850	4.99	3.49	4.99	8.00
	5925 ~ 6425	5.88	2.50	5.88	8.89
	6425 ~ 6525	2.55	1.80	2.55	5.56
	6525 ~ 6875	1.46	2.14	2.14	5.15
	6875 ~ 7125	1.46	3.02	3.02	6.03

Note: The EUT supports Cyclic Delay Diversity (CDD) mode, For CDD transmissions, directional gain is calculated as follows.

Directional gain = $G_{ANT\ Max}$ + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,

Array Gain = $10\log(N_{ANT}/N_{SS})$ dB;

- For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB for $N_{ANT} \leq 4$;

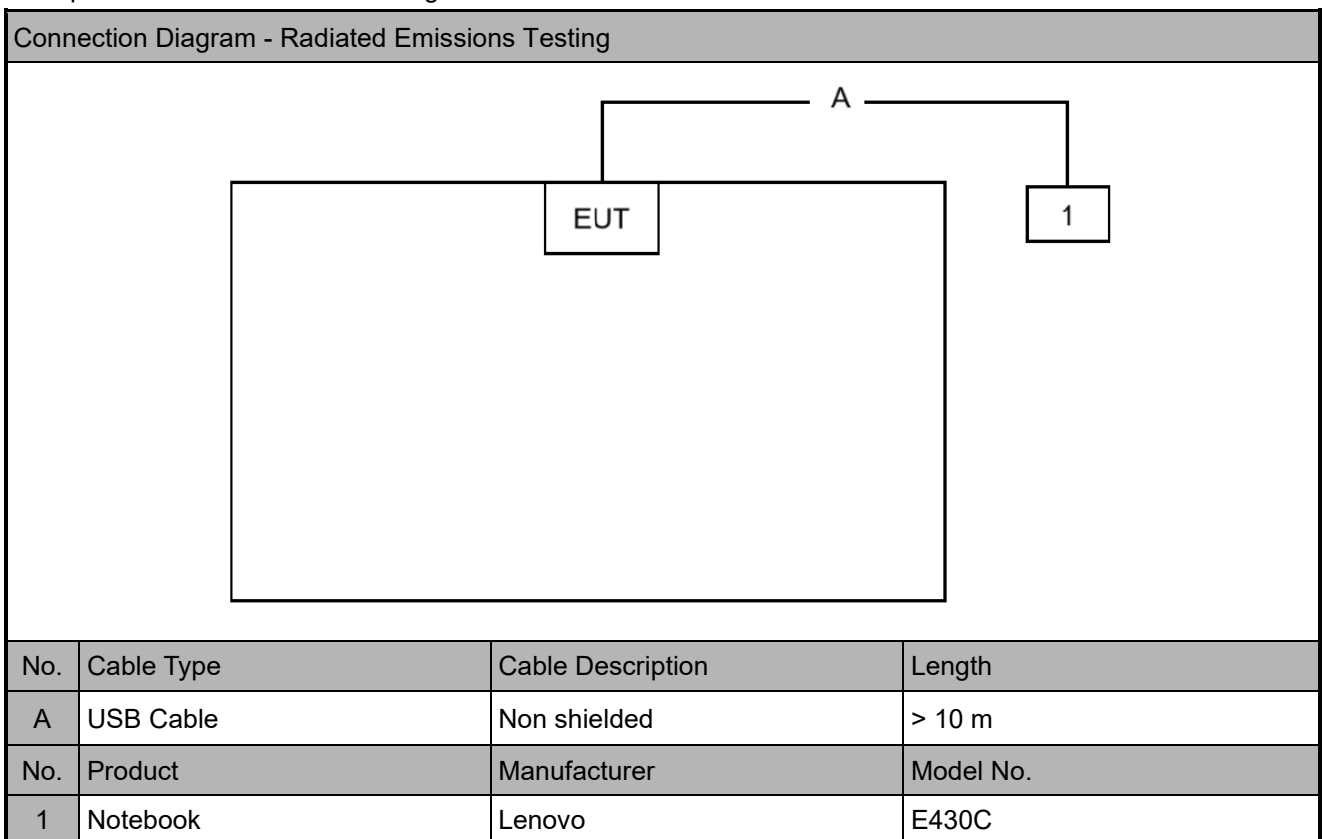
2. Test Configuration

2.1. Test Mode

CDD Mode
Mode 1: Transmit by 802.11b (1 Mbps)
Mode 2: Transmit by 802.11n-HT40 (MCS0)
Note: The above test modes are the worst-case modes from the original report.

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 4.0.209.0.

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	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
Active Loop Antenna	Schwarzbeck	FMZB 1519-60 D	MRTSUE07076	1 year	2026-11-18	WJ-AC1
EMI Test Receiver	R&S	ESR3	MRTSUE07110	1 year	2027-04-14	WJ-AC1
Horn Antenna	ETS	3117	MRTSUE06257	1 year	2026-08-13	WJ-AC1
Preamplifier	EMCI	EMC001330	MRTSUE06643	1 year	2026-05-13	WJ-AC1
EXA Signal Analyzer	Keysight	N9010B	MRTSUE07147	1 year	2026-09-28	WJ-AC1
Anechoic Chamber	TDK	WJ-AC1	MRTSUE07115	1 year	2026-07-09	WJ-AC1
Thermohygrometer	testo	608-H1	MRTSUE11333	1 year	2026-06-16	WJ-AC1
Thermohygrometer	testo	608-H1	MRTSUE11402	1 year	2026-11-30	WJ-AC1
TRILOG Broad Band Antenna	Schwarzbeck	VULB 9163	MRTSUE07097	1 year	2027-04-14	WJ-AC2
EMI Test Receiver	R&S	ESR3	MRTSUE07111	1 year	2027-03-05	WJ-AC2
Broadband Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE07100	1 year	2027-04-09	WJ-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE07103	1 year	2027-04-08	WJ-AC2
Signal Analyzer	Keysight	N9010B	MRTSUE07285	1 year	2027-02-11	WJ-AC2
Anechoic Chamber	TDK	WJ-AC2	MRTSUE07117	1 year	2026-05-12	WJ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11315	1 year	2026-06-16	WJ-AC2
Thermohygrometer	testo	608-H1	MRTSUE11332	1 year	2026-06-05	WJ-AC2

Software	Version	Function
e3	230711	RE & CE
CONTROLLER CO3000	v 1.03.02	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: 2.56 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

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 Emissions)	Radiated	Pass

Note: To address the product modifications, the following tests were updated: worst-case spot checks were performed for General Field Strength (Restricted Bands and Radiated Emissions).

6.2. Radiated Spurious Emissions 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. $VBW \geq 3 \times RBW$
5. Detector = CISPR quasi-peak
6. Sweep time = Auto couple
7. Trace was allowed to stabilize

Peak Measurements above 1 GHz

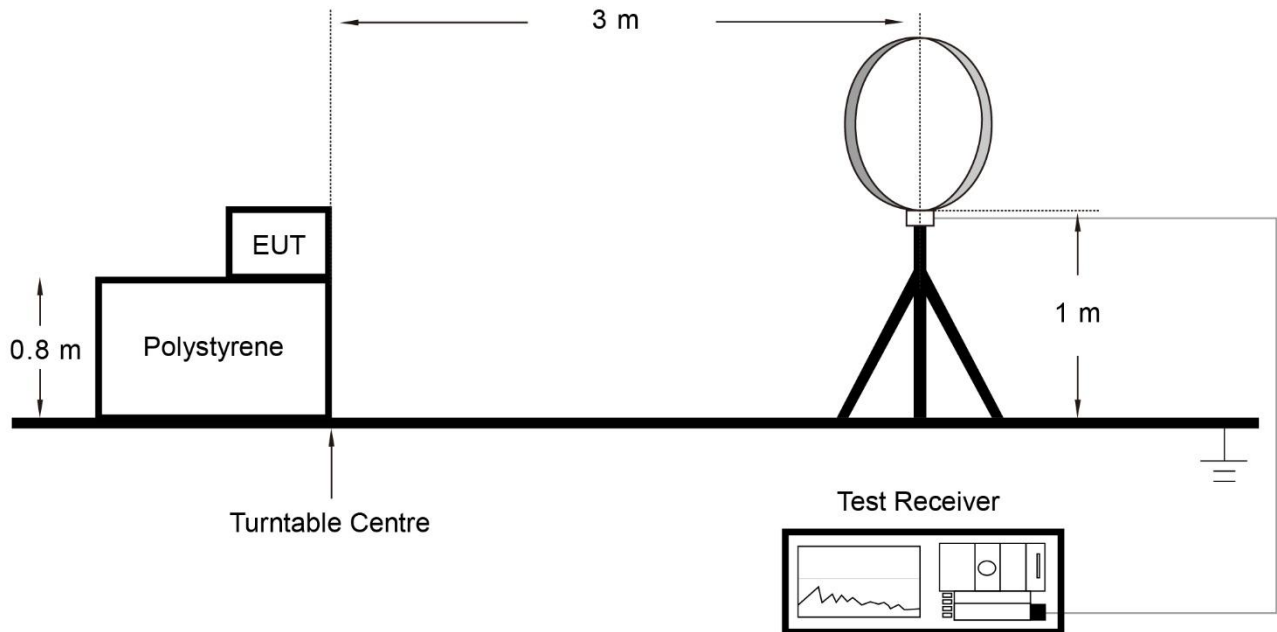
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
3. $VBW \geq 3 \times RBW$
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

Average Measurements above 1 GHz (Method VB)

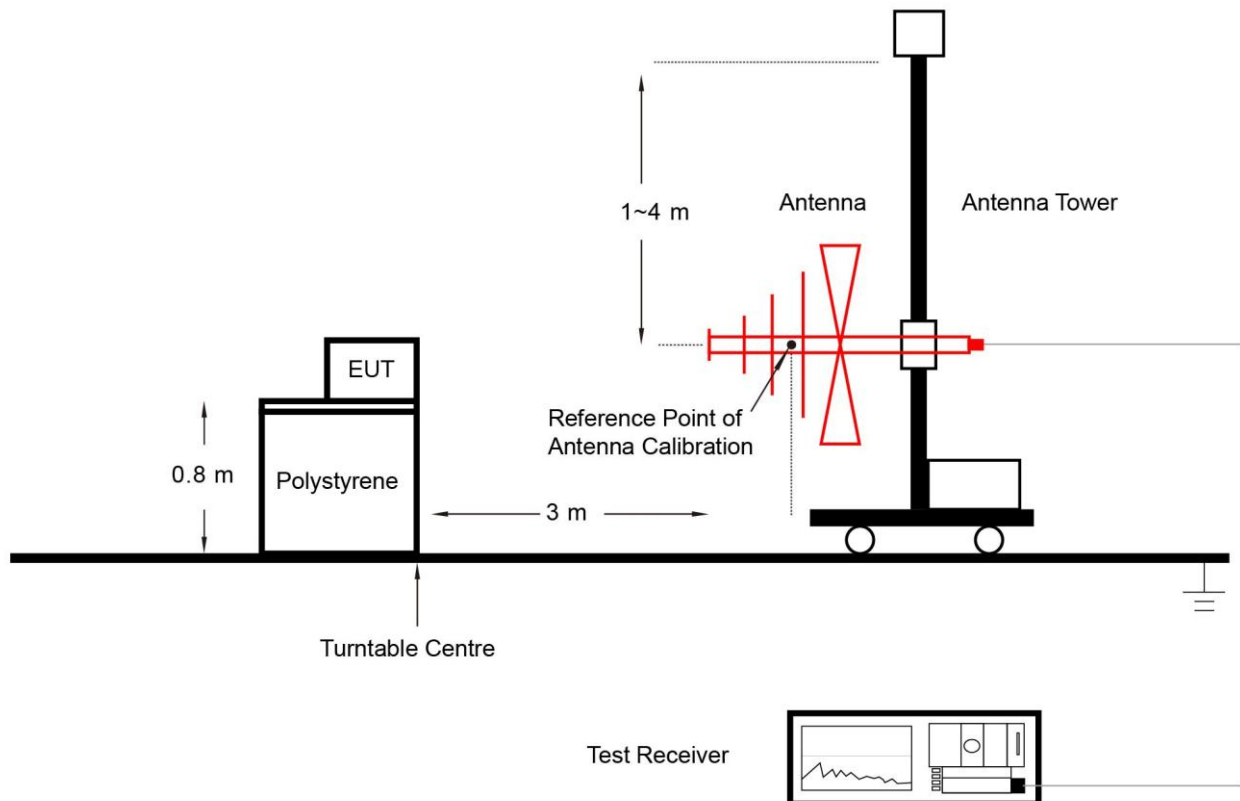
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1 MHz
3. VBW; if the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz
If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$. T is the minimum transmission duration.
4.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

6.2.4. Test Setup

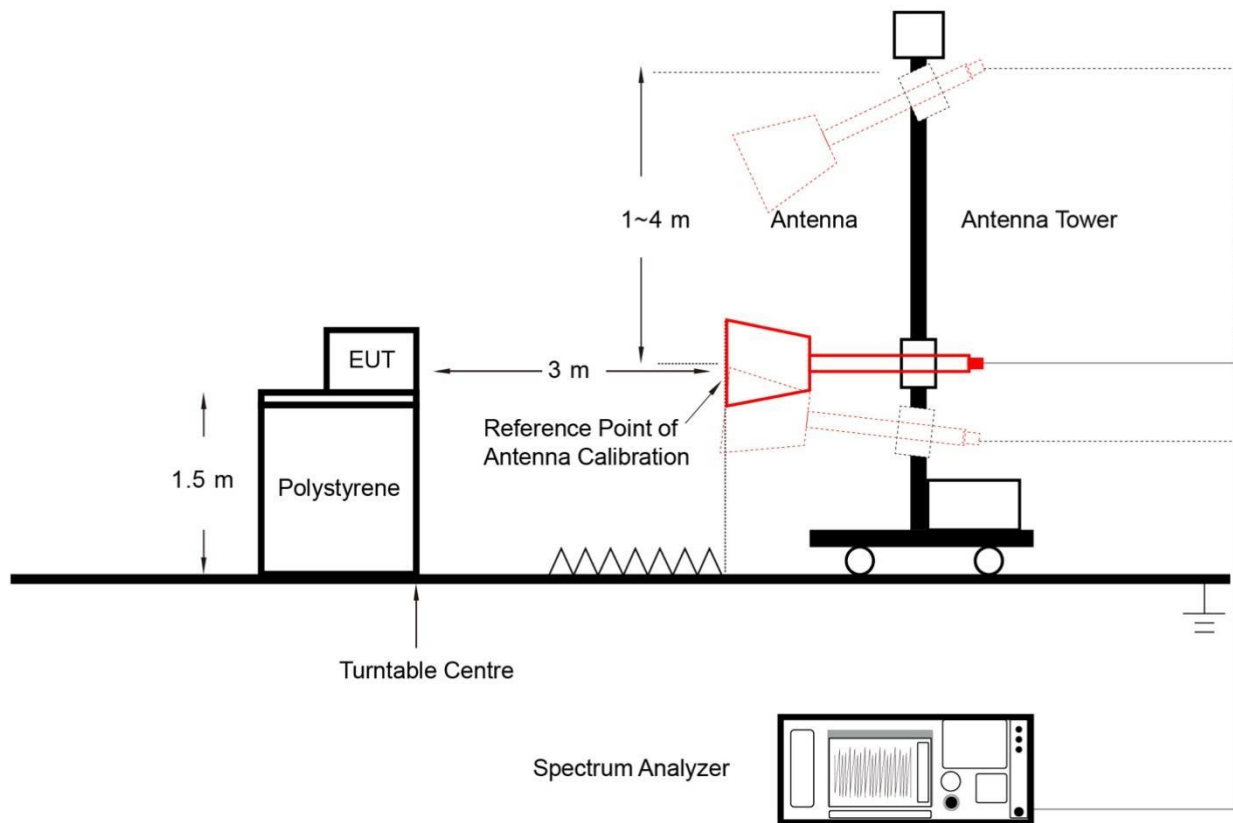
Below 30 MHz Test Setup:



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
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 [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 $\geq 3 \times$ RBW
4. Detector = Peak
5. Sweep time = Auto couple
6. Trace mode = Max hold
7. Trace was allowed to stabilize

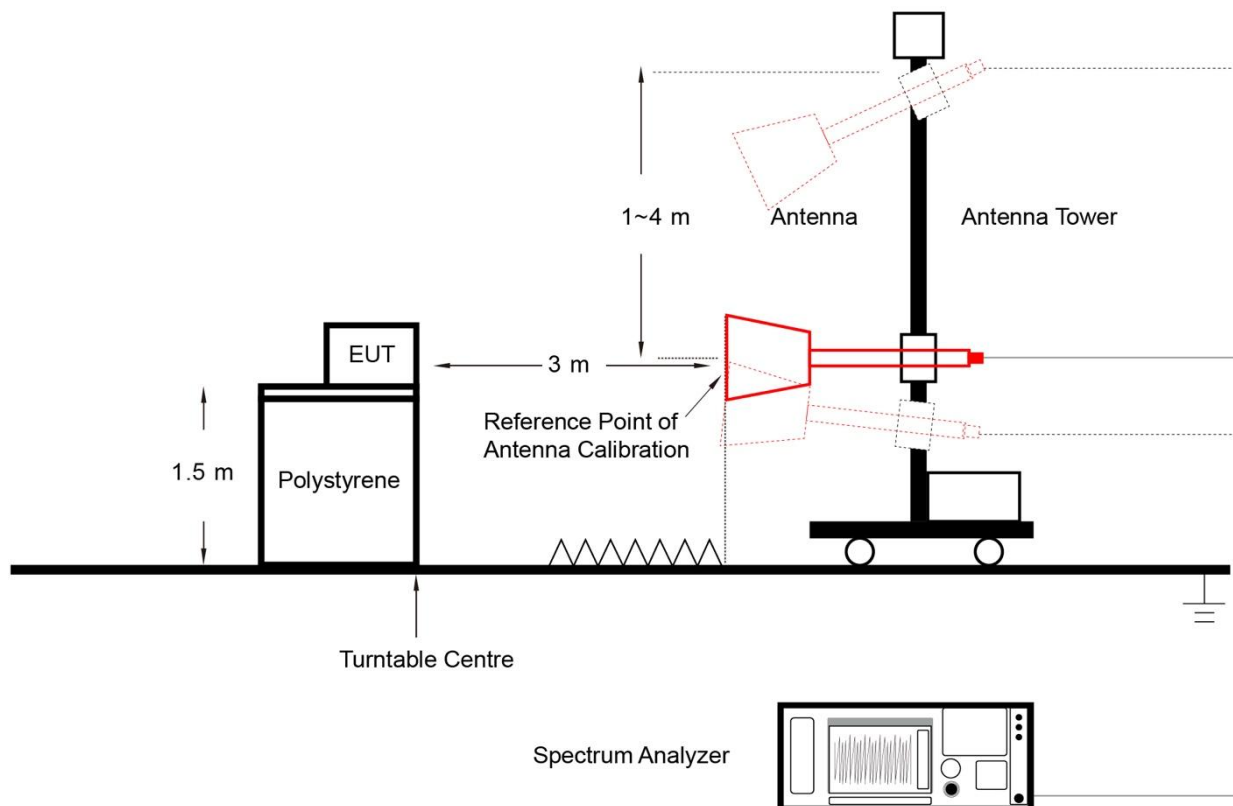
Average Field Strength Measurements

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

6.3.4. Test Setup



6.3.5. Test Result

Refer to Appendix A.2.

Appendix A - Test Result

A.1 Radiated Spurious Emissions Test Result

Test Site	WJ-AC1	Test Engineer	Carl Jiang
Test Date	2026-05-03	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.		

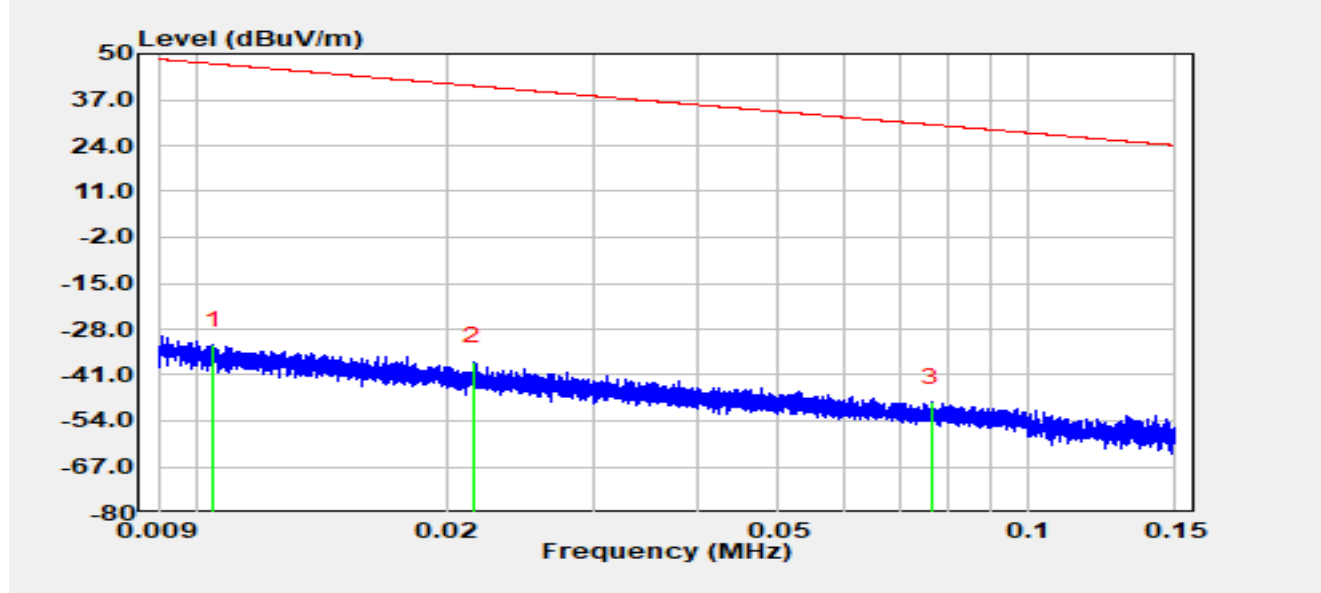
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
06	8828.50	28.28	15.51	43.79	68.20	-24.41	Peak	Horizontal
	10168.10	25.99	18.06	44.05	68.20	-24.15	Peak	Horizontal
	11444.80	27.02	19.39	46.41	74.00	-27.59	Peak	Horizontal
	17898.00	9.88	29.08	38.96	54.00	-15.04	Average	Horizontal
	17898.00	26.52	29.08	55.60	74.00	-18.40	Peak	Horizontal
	8930.50	28.77	15.53	44.30	68.20	-23.90	Peak	Vertical
	10052.50	26.39	17.85	44.24	68.20	-23.96	Peak	Vertical
	11745.70	24.70	19.90	44.60	74.00	-29.40	Peak	Vertical
	17847.00	9.76	29.25	39.01	54.00	-14.99	Average	Vertical
	17847.00	25.04	29.25	54.29	74.00	-19.71	Peak	Vertical

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

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

The Worst-case Result of Radiated Emission below 30 MHz:

Site	WJ-AC1	Test Date	2026-05-03
Temperature	22.6 °C	Humidity	51.5%
Limit	FCC_Part 15.209_RSE	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Coaxial
Test Mode	Transmit by 802.11b at 2412 MHz		

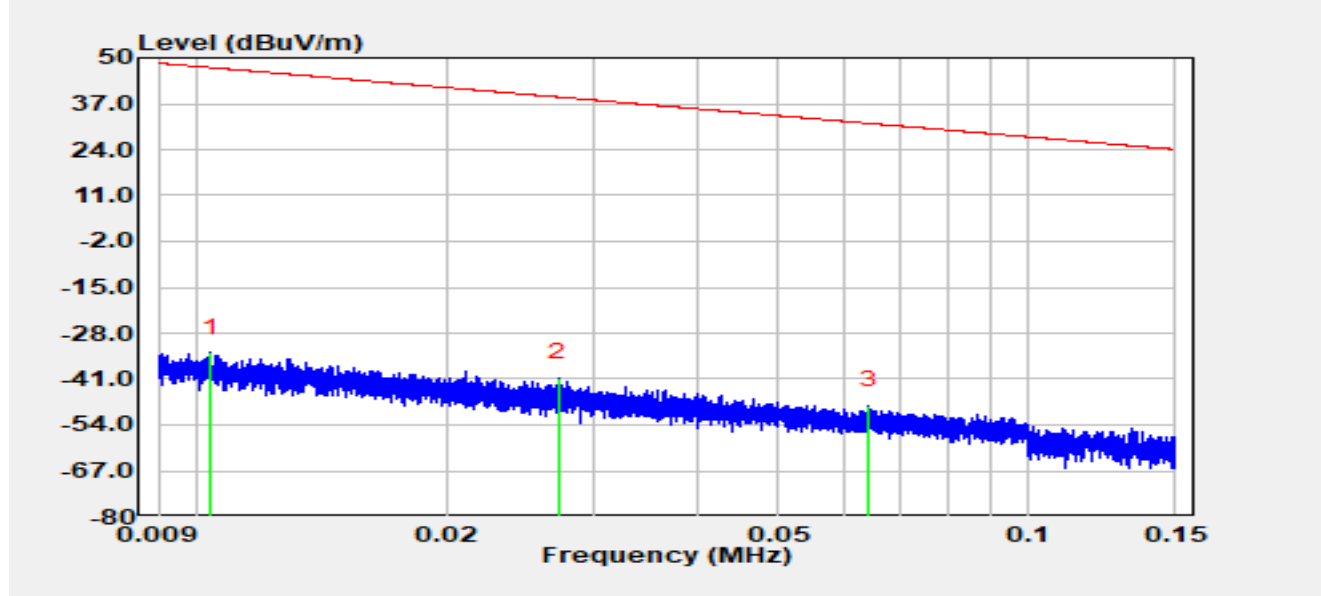


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.01	26.69	-59.30	-32.61	-79.79	47.18	Peak
2	*	0.02	22.66	-59.95	-37.29	-78.24	40.95	Peak
3		0.08	11.36	-60.20	-48.84	-78.77	29.93	Peak

Notes:

1. “*” indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + 40log(d1/d2) (dB), d1 = 3 m, d2 = 300 m (9 kHz - 490 kHz) or 30 m (490 kHz - 30 MHz).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2026-05-03
Temperature	22.6 °C	Humidity	51.5%
Limit	FCC_Part 15.209_RSE	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Coplanar
Test Mode	Transmit by 802.11b at 2412 MHz		

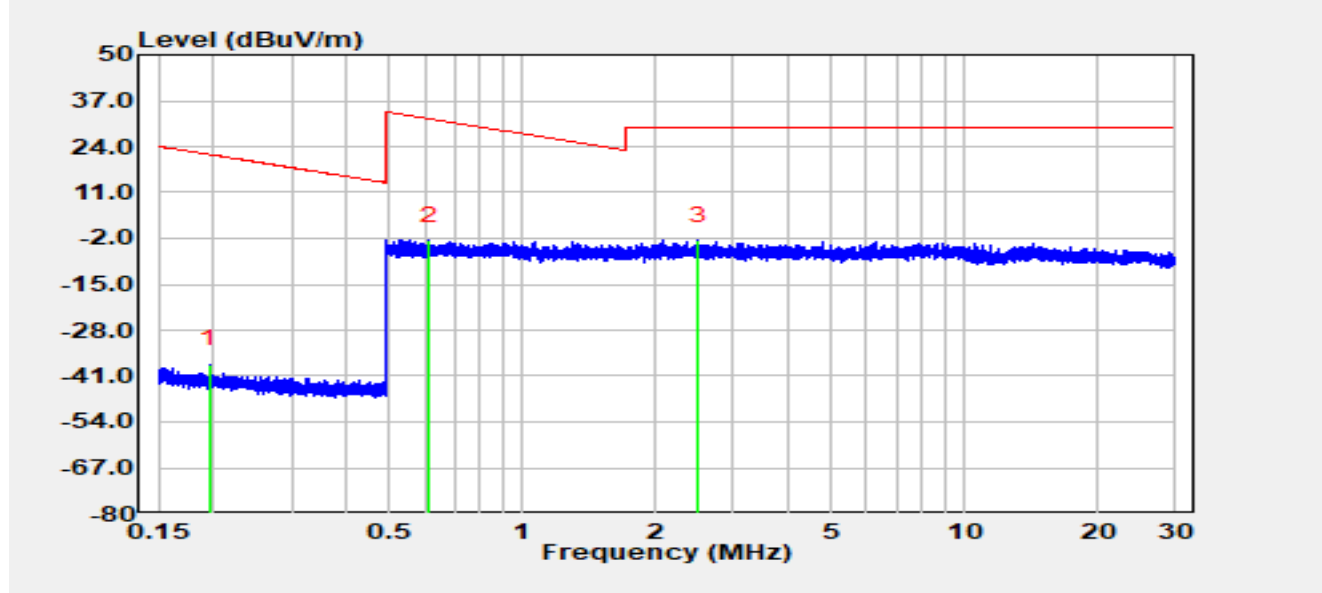


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.01	25.68	-59.30	-33.61	-80.84	47.23	Peak
2	*	0.03	19.28	-60.03	-40.75	-79.66	38.91	Peak
3		0.06	11.67	-60.18	-48.52	-79.96	31.45	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + $40\log(d1/d2)$ (dB), $d1 = 3$ m, $d2 = 300$ m (9 kHz - 490 kHz) or 30 m (490 kHz - 30 MHz).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2026-05-03
Temperature	22.6 °C	Humidity	51.5%
Limit	FCC_Part 15.209_RSE	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Coaxial
Test Mode	Transmit by 802.11b at 2412 MHz		

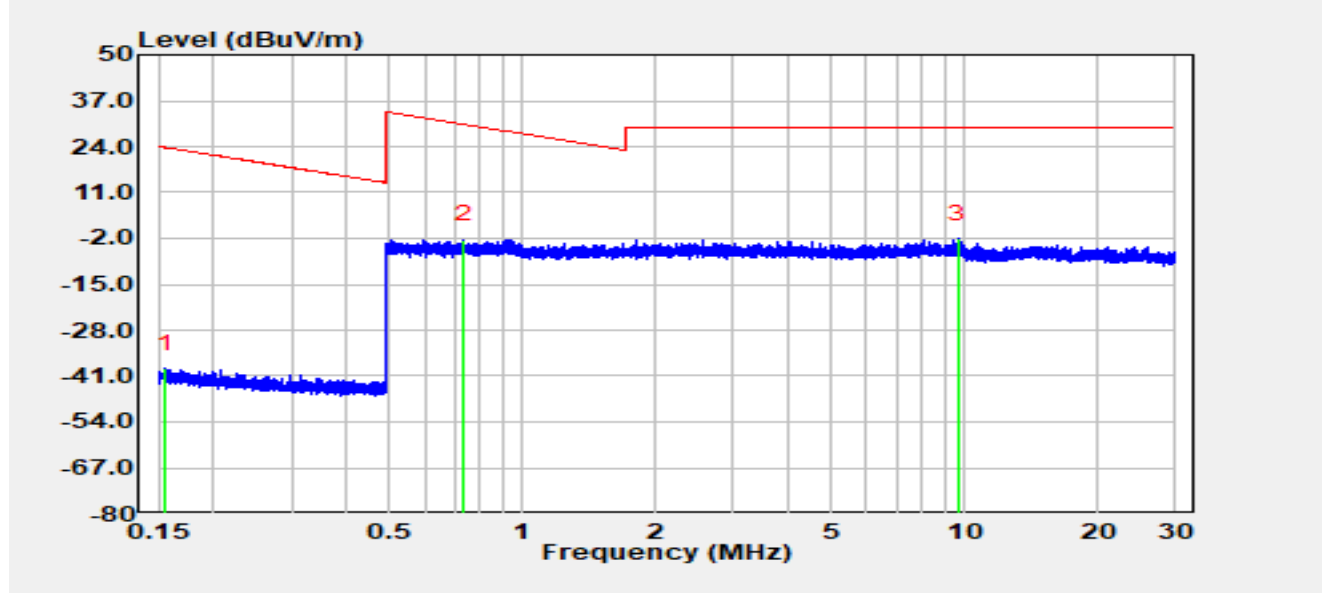


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.20	22.50	-60.27	-37.77	-59.51	21.74	Peak
2		0.62	17.82	-20.35	-2.52	-34.35	31.82	Peak
3	*	2.49	17.67	-20.28	-2.61	-32.11	29.50	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + $40\log(d1/d2)$ (dB), $d1 = 3$ m, $d2 = 300$ m (9 kHz - 490 kHz) or 30 m (490 kHz - 30 MHz).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2026-05-03
Temperature	22.6 °C	Humidity	51.5%
Limit	FCC_Part 15.209_RSE	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Coplanar
Test Mode	Transmit by 802.11b at 2412 MHz		



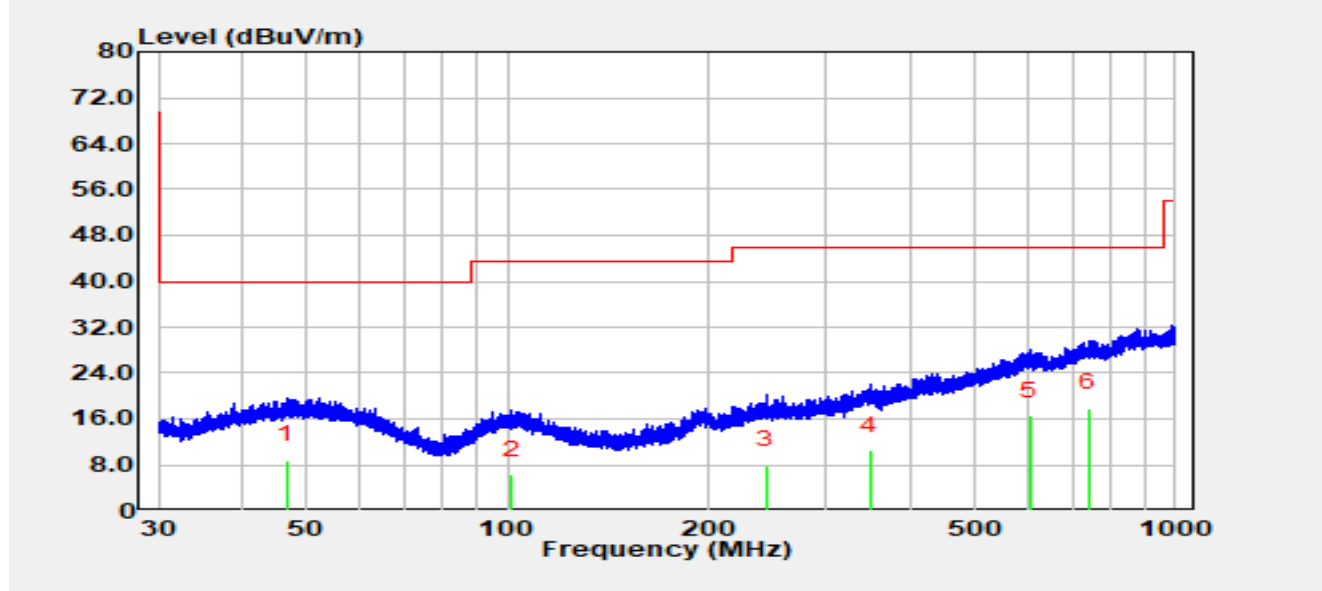
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		0.16	21.23	-60.25	-39.02	-62.77	23.75	Peak
2		0.74	18.10	-20.37	-2.27	-32.54	30.27	Peak
3	*	9.64	18.11	-20.34	-2.24	-31.74	29.50	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + $40\log(d1/d2)$ (dB), $d1 = 3$ m, $d2 = 300$ m (9 kHz - 490 kHz) or 30 m (490 kHz - 30 MHz).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

The Worst-case Result of Radiated Emission for 30 MHz ~ 1 GHz:

Site	WJ-AC1	Test Date	2026-05-07
Temperature	20.6 °C	Humidity	48.4%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2412 MHz		

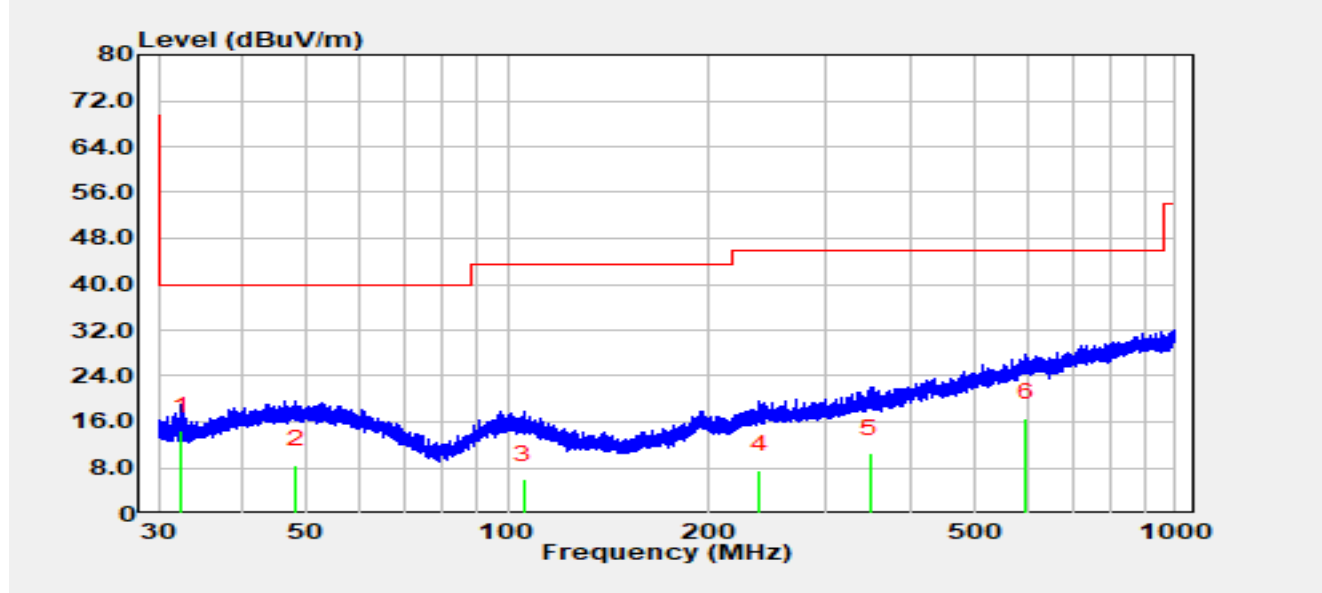


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		46.63	-11.60	20.48	8.88	-31.12	40.00	QP
2		101.61	-12.50	18.74	6.24	-37.26	43.50	QP
3		243.38	-11.90	19.80	7.90	-38.10	46.00	QP
4		348.39	-12.10	22.55	10.45	-35.55	46.00	QP
5		604.17	-11.00	27.55	16.55	-29.45	46.00	QP
6	*	741.48	-11.30	29.26	17.96	-28.04	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	WJ-AC1	Test Date	2026-05-07
Temperature	20.6 °C	Humidity	48.4%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2412 MHz		



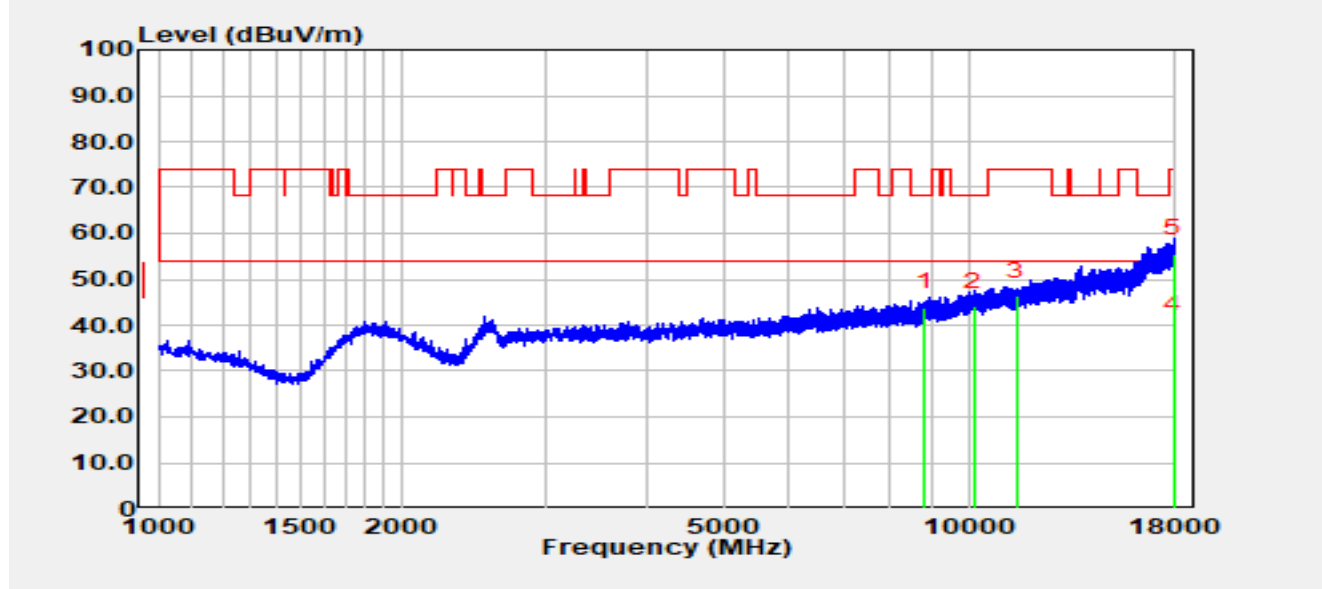
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	32.45	-1.80	16.26	14.46	-25.54	40.00	QP
2		48.30	-12.10	20.55	8.45	-31.55	40.00	QP
3		105.60	-12.70	18.61	5.91	-37.59	43.50	QP
4		238.81	-12.00	19.64	7.64	-38.36	46.00	QP
5		349.62	-12.00	22.55	10.55	-35.45	46.00	QP
6		596.80	-10.90	27.50	16.60	-29.40	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).

The Worst-case Result of Radiated Emission for 1 GHz ~ 18 GHz:

Site	WJ-AC1	Test Date	2026-05-03
Temperature	22.5 °C	Humidity	53.4%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Carl Jiang
Test Voltage	By battery	Polarity	Horizontal
Test Mode	Transmit by b at 2437 MHz		

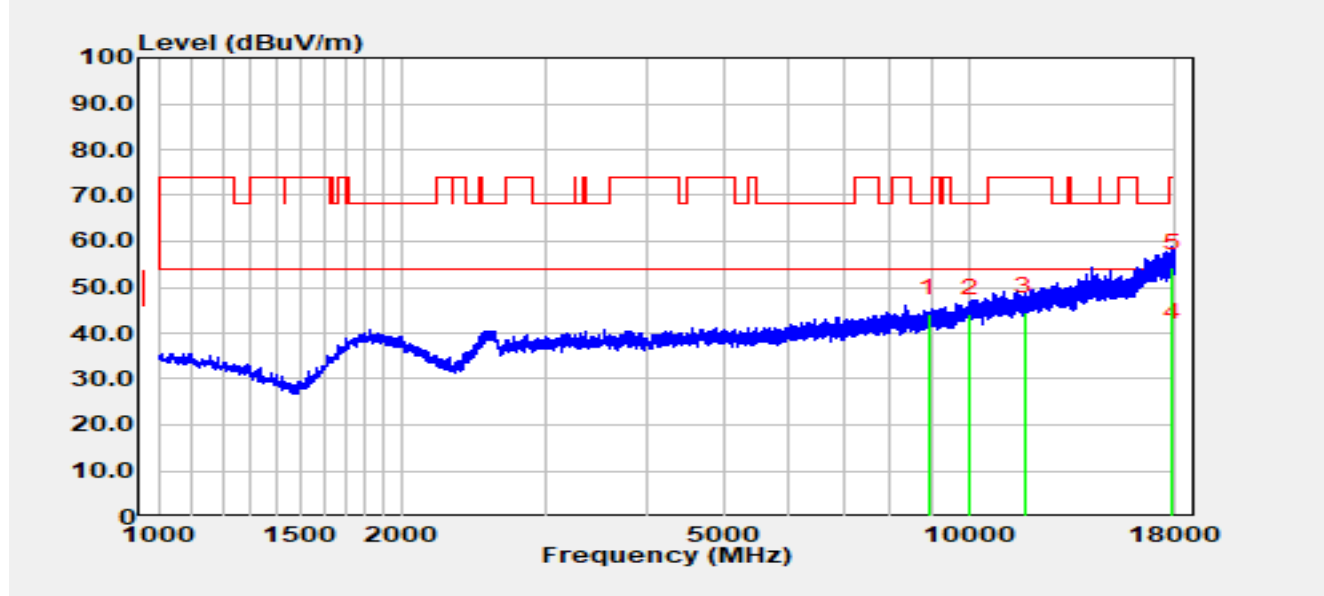


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		8828.50	28.28	15.51	43.79	-24.41	68.20	Peak
2		10168.10	25.99	18.06	44.05	-24.15	68.20	Peak
3		11444.80	27.02	19.39	46.41	-27.59	74.00	Peak
4	*	17898.00	9.88	29.08	38.96	-15.04	54.00	Average
5		17898.00	26.52	29.08	55.61	-18.39	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) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC1	Test Date	2026-05-03
Temperature	22.5 °C	Humidity	53.4%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Carl Jiang
Test Voltage	By battery	Polarity	Vertical
Test Mode	Transmit by b at 2437 MHz		



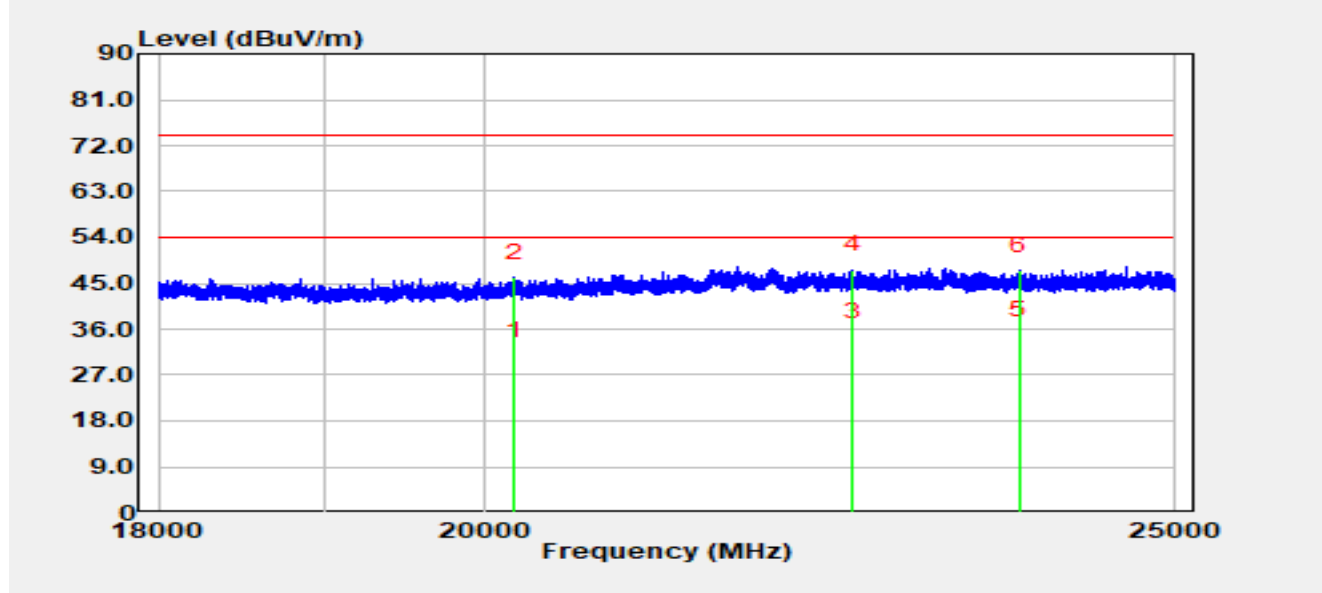
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		8930.50	28.77	15.53	44.30	-23.90	68.20	Peak
2		10052.50	26.39	17.85	44.23	-23.97	68.20	Peak
3		11745.70	24.70	19.90	44.60	-29.40	74.00	Peak
4	*	17847.00	9.76	29.25	39.01	-14.99	54.00	Average
5		17847.00	25.04	29.25	54.29	-19.71	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) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

The Worst-case Result of Radiated Emission above 18 GHz:

Site	WJ-AC2	Test Date	2026-04-30
Temperature	21.7 °C	Humidity	52.3%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Bob Zhang
Test Voltage	By battery	Polarity	Horizontal
Test Mode	Transmit by 802.11b at 2412 MHz		

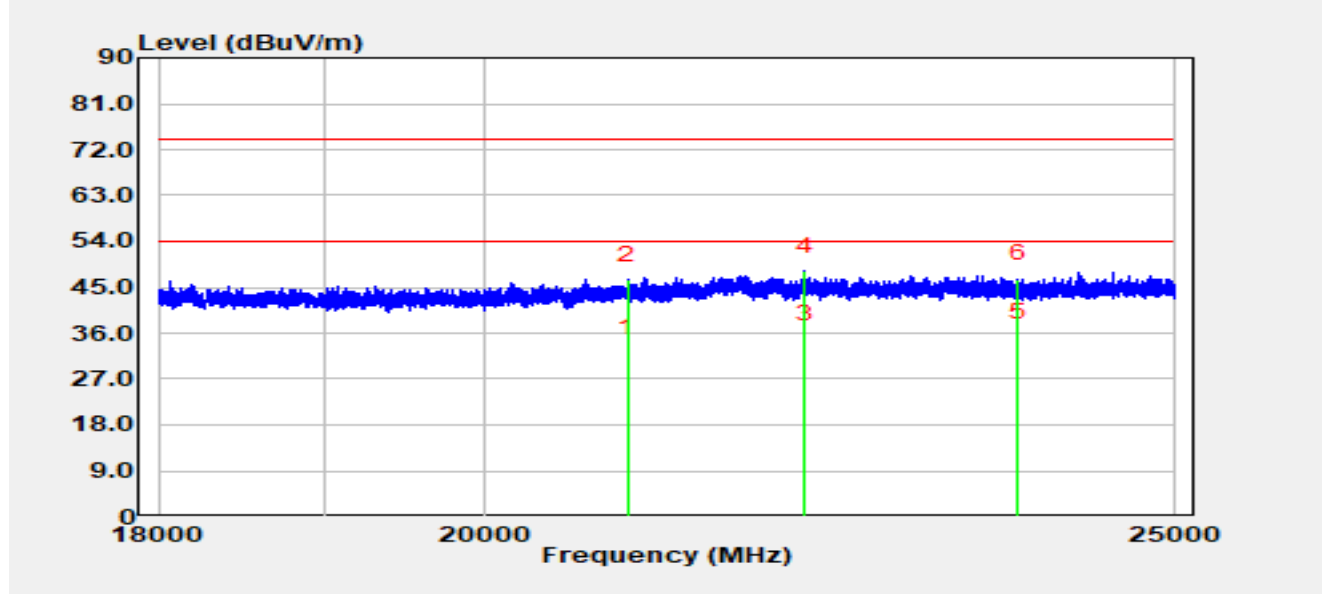


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		20192.40	38.64	-8.02	30.62	-23.38	54.00	Average
2		20192.40	54.06	-8.02	46.05	-27.95	74.00	Peak
3		22529.70	39.18	-4.74	34.44	-19.56	54.00	Average
4		22529.70	52.32	-4.74	47.57	-26.43	74.00	Peak
5	*	23766.60	38.71	-3.75	34.96	-19.04	54.00	Average
6		23766.60	51.15	-3.75	47.39	-26.61	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) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-04-30
Temperature	21.7 °C	Humidity	52.3%
Limit	FCC_Part 15.209_RSE (3m)	Test Engineer	Bob Zhang
Test Voltage	By battery	Polarity	Vertical
Test Mode	Transmit by 802.11b at 2412 MHz		



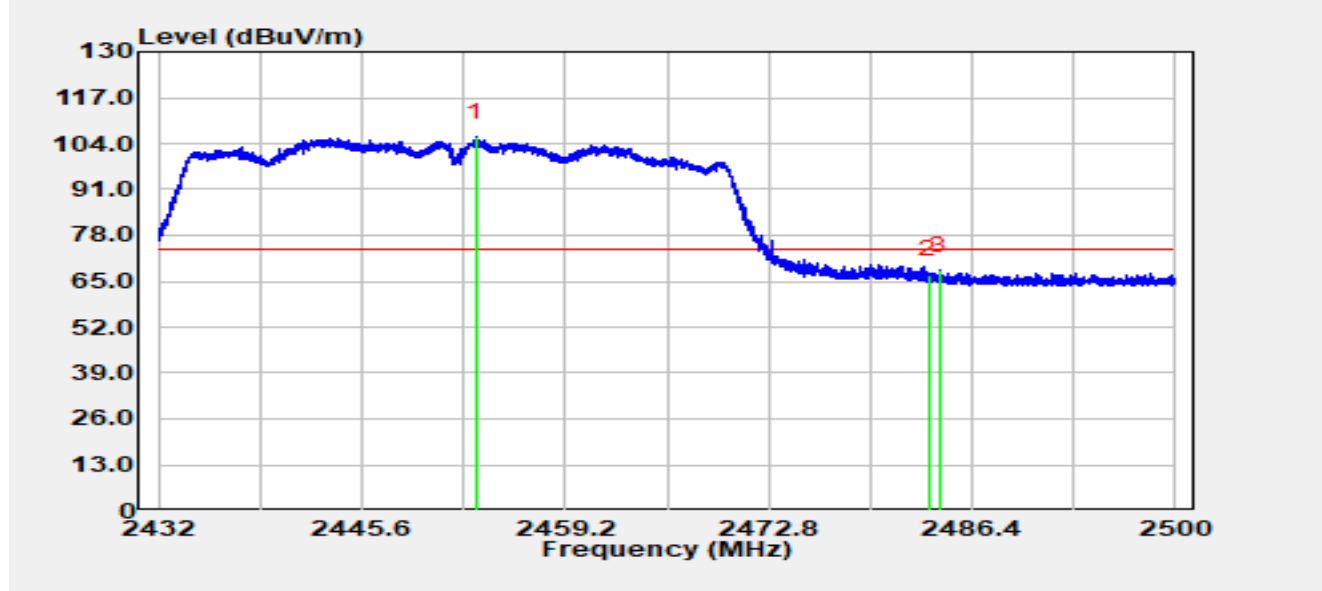
No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		20948.40	38.76	-6.83	31.93	-22.07	54.00	Average
2		20948.40	53.30	-6.83	46.47	-27.53	74.00	Peak
3		22181.80	39.24	-4.55	34.69	-19.31	54.00	Average
4		22181.80	52.64	-4.55	48.09	-25.91	74.00	Peak
5	*	23762.40	38.83	-3.73	35.10	-18.90	54.00	Average
6		23762.40	50.36	-3.73	46.63	-27.37	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) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

A.2 Radiated Restricted Band Edge Test Result

Site	WJ-AC1	Test Date	2026-04-28
Temperature	18.7 °C	Humidity	46.7%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT40 at 2452 MHz		

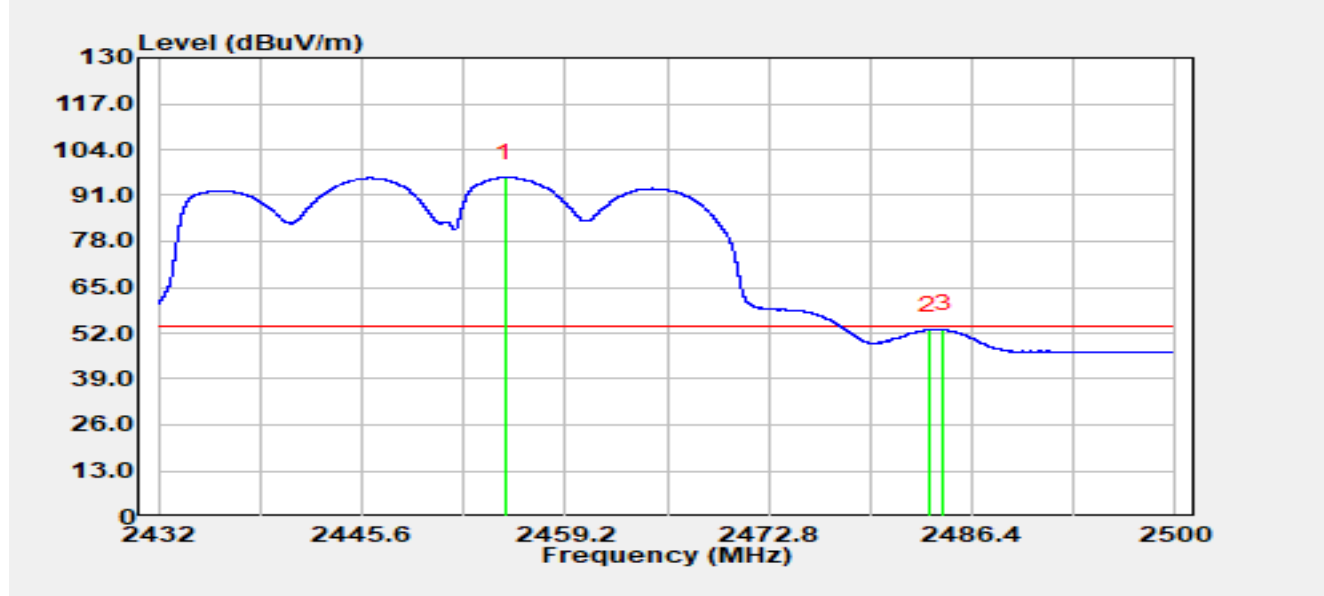


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2453.20	68.68	37.07	105.74	N/A	N/A	Peak
2		2483.50	29.77	37.09	66.85	-7.15	74.00	Peak
3	*	2484.23	31.05	37.09	68.14	-5.86	74.00	Peak

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	WJ-AC1	Test Date	2026-04-28
Temperature	18.7 °C	Humidity	46.7%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Horizontal
Test Mode	Transmit by 802.11n-HT40 at 2452 MHz		

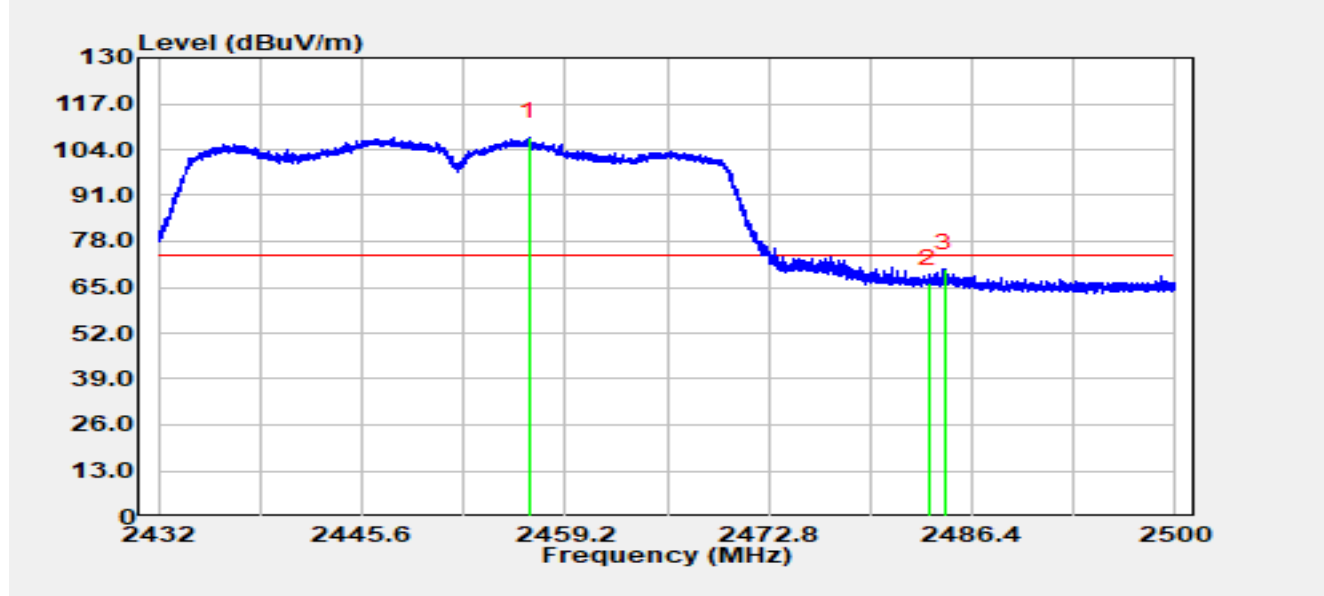


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2455.22	58.99	37.07	96.05	N/A	N/A	Average
2		2483.50	15.75	37.09	52.84	-1.16	54.00	Average
3	*	2484.49	16.03	37.09	53.12	-0.88	54.00	Average

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	WJ-AC1	Test Date	2026-04-28
Temperature	18.7 °C	Humidity	46.7%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT40 at 2452 MHz		

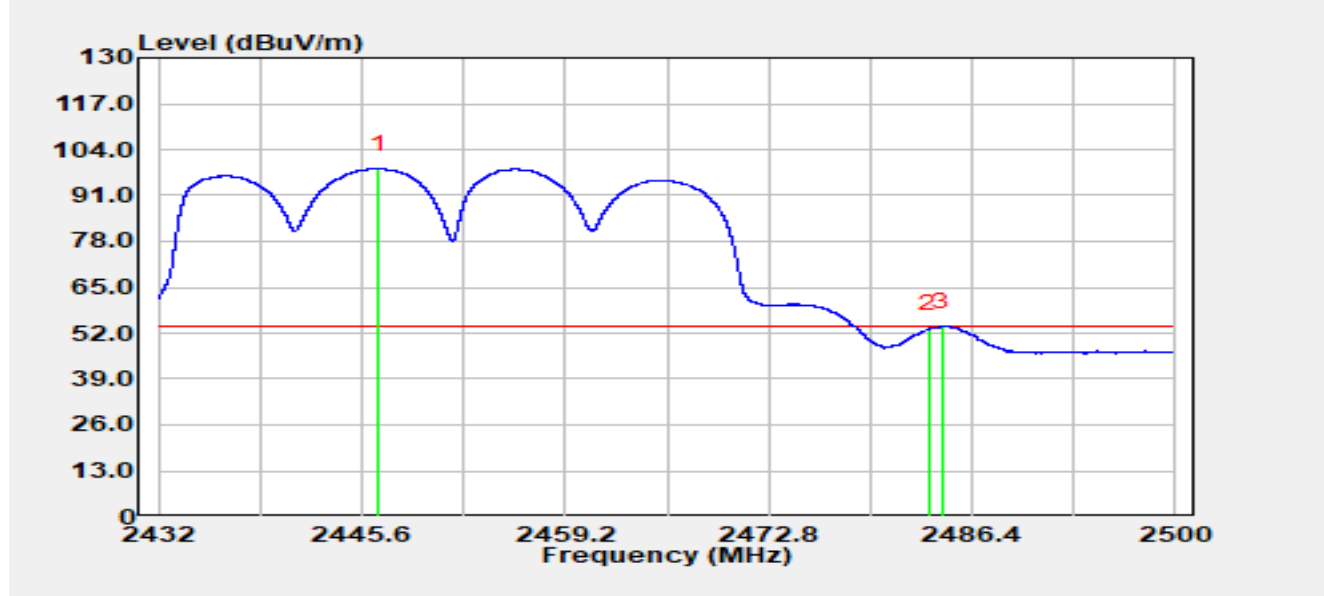


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2456.74	70.60	37.07	107.67	N/A	N/A	Peak
2		2483.50	29.04	37.09	66.13	-7.87	74.00	Peak
3	*	2484.53	33.22	37.09	70.31	-3.69	74.00	Peak

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	WJ-AC1	Test Date	2026-04-28
Temperature	18.7 °C	Humidity	46.7%
Limit	FCC_Part 15_Band Edge (3m)	Test Engineer	Alex Liu
Test Voltage	By battery	Polarity	Vertical
Test Mode	Transmit by 802.11n-HT40 at 2452 MHz		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		2446.73	61.46	37.06	98.53	N/A	N/A	Average
2		2483.50	16.01	37.09	53.10	-0.90	54.00	Average
3	*	2484.41	16.78	37.09	53.86	-0.14	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 “R26S1051036-UT” file.

Appendix C - EUT Photograph

Refer to "R26S1051036-UE" file.

_____ The End _____