



Japan Radio Test Report

Project No. : 2411H008A
Equipment : Window Cleaning Robot
Brand Name : ECOVACS
Test Model : WG841-01
Series Model : N/A
Applicant : Ecovacs Home Service Robotics Co., Ltd.
Address : No.518 Songwei Road,Wusongjiang industry Park,Guoxiang Street,
Wuzhong District,Suzhou, Jiangsu,China.
Manufacturer : Ecovacs Home Service Robotics Co., Ltd.
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Date of Receipt : Apr. 11, 2025
Date of Test : Apr. 14, 2025~Apr. 17, 2025
Issued Date : May 08, 2025
Report Version : R01
Test Sample : Engineering Sample No.: SH20250411124
Standard(s) : Ordinance Regulating Radio Equipment General Provisions,
Transmitting Equipment, Receiving Equipment, Article 49-20
Test Procedure : Test Method Specified Radio Equipment Article 2 Paragraph 1 of item19
(MIC Notice No.88 Appendix No.43)

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Shanghai).



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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by **BTL**.

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BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-JPAP-1-2411H008A	R00	This is a supplementary report to the original test report (BTL-JPAP-1-2411H008). The difference compared with original report is added power cable and battery. Therefore, unwanted emission intensity and antenna power tolerance were re - evaluated, tested and recorded in the report. For the test results of all other test items please refer to original test report.	Apr. 29, 2025	Invalid
BTL-JPAP-1-2411H008A	R01	Revised report to address RCB's comments. This is a supplementary report to the original test report (BTL-JPAP-1-2411H008). The difference compared with original report are: 1. Added power cable and battery. 2. Some of the components are removed from the PCB. Therefore, unwanted emission intensity and antenna power tolerance were re - evaluated, tested and recorded in the report. For the test results of all other test items please refer to original test report.	May 08, 2025	Valid

1. SUMMARY OF TEST RESULTS

Part	Description of Test	Rule Section	Result
3.1	Frequency Tolerance	Article 5, Annex 1	Pass
3.2	Occupied Bandwidth (99%)	Article 6, Annex 2	Pass
3.3	Unwanted Emission Intensity	Article 7, Annex 3	Pass
3.4	Antenna Power Tolerance	Article 14	Pass
3.5	Limitation of Collateral Emission of Receiver	Article 24, Paragraph 2	Pass
3.6	Transmission Antenna Gain (EIRP Antenna Power)	Article 49-20	N/A
3.7	Transmission Radiation Angle Width (3dB Beamwidth)	Article 49-20	N/A
3.8	Radio Interference Prevention Capability	Article 9-4, Item 5 Article 6-2, Item 3 and 5 of the Regulation for Enforcement of the Radio Law	Pass
3.9	Construction Protection Confirmation	Article 49-20	Pass

Method of measurement:	MIC Notice No.88 Appendix No.43
Test condition:	Conductive, RF test program provided by the customer was used to control the operating channel as well as the output power level.

Abbreviations used in this test report are as follows:

NC:	Normal Condition
EC:	Extreme Condition
EUT:	Equipment Under Test
DS:	Direct spreading
FH:	Frequency hopping
OFDM:	Orthogonal frequency division multiplexing

1.1. TEST FACILITY

The test facilities used to collect the test data in this report:

TR02: No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, China.

1.2. MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
Frequency Tolerance	± 0.1536 Hz
Antenna Power	± 0.3473 dB
Occupied Bandwidth	$\pm 0.07\%$
Unwanted Emission Strength	± 0.3792 dB
Adjacent Channel Emitted Power	± 0.6052 dB
Temperature	$\pm 0.3^{\circ}\text{C}$
Humidity	$\pm 1.3\%$
Voltage	± 0.7 v

1.3. TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
Frequency Tolerance	20°C	42%~43%	AC 100V	Thacker Tang
Occupied Bandwidth (99%)	20°C	42%~43%	AC 100V	Thacker Tang
Unwanted Emission Intensity	20°C	42%~43%	AC 100V	Thacker Tang
Antenna Power Tolerance	20°C	42%~43%	AC 100V	Thacker Tang
Limitation of Collateral Emission of Receiver	20°C	42%~43%	AC 100V	Thacker Tang

2. GENERAL INFORMATION

2.1. GENERAL DESCRIPTION OF EUT

Equipment	Window Cleaning Robot
Brand Name	ECOVACS
Test Model	WG841-01
Series Model	N/A
Model Difference(s)	N/A
Hardware Version	N/A
Software Version	N/A
Power Source	DC voltage supplied from AC/DC adapter. Brand/ Model:GVE/GM95-240375-D Battery supplied. Model:S32-LI-36-3000
Power Rating	I/P: 100-240V ~ 50-60Hz 2.5A O/P: 24.0V --- 3.75A; 90.0W Nominal Voltage: 3.6V--- Max Charge Voltage: 4.2V Typical Capacity: 3000mAh Rated Capacity:2750mAh Rated Energy:9.9Wh
Operation Frequency	2402MHz ~ 2480MHz
Modulation Type	GFSK
Data Rate	1Mbps
Antenna Power (Rated Power)	1Mbps: 2.80 mW
Antenna Power (Max. Conducted Power)	1Mbps: 2.4434 mW

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. Channel List:

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

3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PCB	R-SMA	-3.1

Note: The antenna gain is provided by the manufacturer.

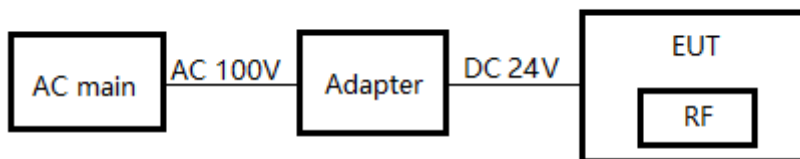
2.2. DESCRIPTION OF TEST MODES

The EUT was tested while in a continuous transmitter / receiver mode.

The EUT was tuned to a low, middle and high channel for all tests. The EUT continuously transmitted a modulated packet with payload, while transmitting the EUT was setup to operate at the intended maximum power output available to the end user. For all test case pre/scans were completed in all modes to determine worst case levels.

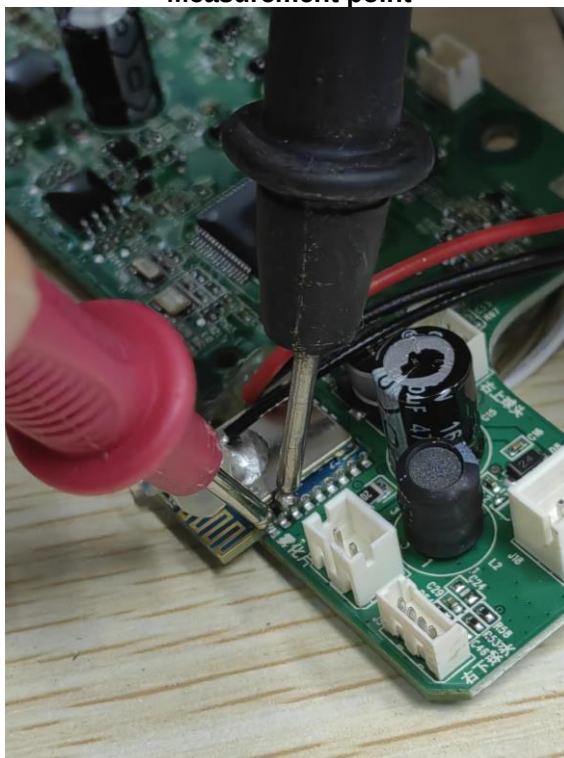
Test Mode	Description
Mode 1	1Mbps/CH00, CH19, CH39

Power Supply Voltage Fluctuation Test



Voltage Fluctuation Test	Normal Voltage	High Voltage + 10% of Normal Voltage	Low Voltage - 10% of Normal Voltage
Input: AC Power	100V	110V	90V
Output: DC Power	3.3V	3.3V	3.3V
Voltage Variation (%)	-	-	-

Measurement point

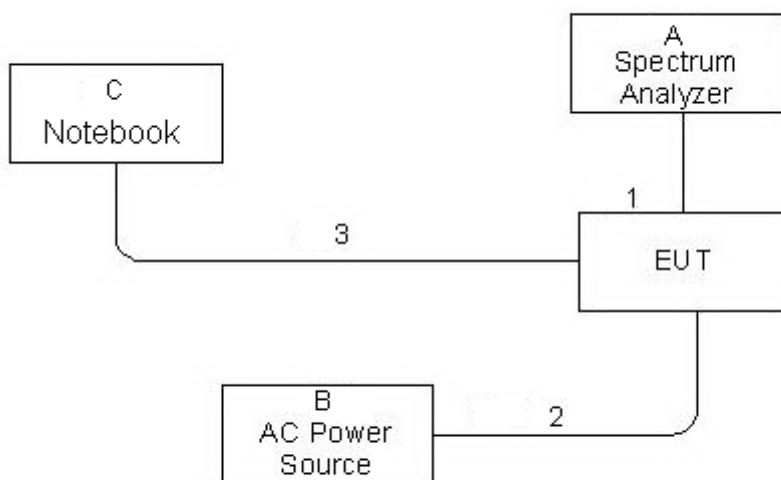


Note:

$$\text{Voltage Variation (\%)} = (\text{Output High Voltage or Low Voltage} - \text{Output Normal Voltage}) / \text{Output Normal Voltage} * 100$$

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%.
Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

2.3. BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.4. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.
A	Spectrum Analyzer	R&S	FSP40	N/A	100185
B	AC power source	APC	AFC-11003	N/A	F303081067(A1)
C	PC	DELL	N/A	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	YES	NO	0.1m	RF CABLE
2	YES	NO	1.2m	DC POWER CABLE
3	NO	NO	1.1m	CONTROL CABLE

2.5. TABLE FOR PARAMETERS OF TEST SOFTWARE SETTING

During testing, Channel & Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level.

Test Software Version	UartAssist-new		
Frequency (MHz)	2402	2440	2480
1Mbps	DEF	DEF	DEF

3. TEST RESULTS

3.3. UNWANTED EMISSION INTENSITY MEASUREMENT

3.3.1. LIMIT

Item	Limits
	(See Article 7 and Annex 3 26 of the Ordinance Regulating Radio Equipment)
TX	$\leq 0.25 \mu\text{W}/100\text{kHz}$ ($30\text{MHz} \leq f \leq 1000\text{MHz}$)
Spurious	$\leq 2.5 \mu\text{W}/\text{MHz}$ ($1000\text{MHz} \leq f < 2387\text{MHz}$; $2496.5\text{MHz} < f$)
Emission	$\leq 25 \mu\text{W}/\text{MHz}$ ($2387\text{MHz} \leq f < 2400\text{MHz}$) and ($2483.5\text{MHz} < f \leq 2496.5\text{MHz}$)
Measurement range: 30MHz~5th harmonics	

3.3.2. SETTING

The following table is the setting of spectrum analyzer.

Spectrum Parameter	Setting
RBW / VBW	100kHz / 100kHz (30~1000MHz) 1 MHz / 1 MHz (Above 1000MHz)
Detector	Positive Peak
Trace	Max Hold
Sweep Time	Auto

3.3.3. TEST PROCEDURES

Test method according to Clause 5 of Annex No.43 of MIC Notification No.88.

- EUT have transmitted the maximum modulation signal and fixed channelize.
- Set spectrum analyzer with condition in section 3.3.2 and tune reference level to observe receiving signal position.
- SA adjusted to start frequency 30MHz and stop frequency 1000MHz. Then to mark peak reading value + cable loss shall be less than $0.25\mu\text{W}/100\text{kHz}$.
- SA adjusted to start frequency 1000MHz and stop frequency 2387MHz. Then to mark peak reading value + cable loss shall be less than $2.5\mu\text{W}/\text{MHz}$.
- SA adjusted to start frequency 2387MHz and stop frequency 2400MHz. Then to mark peak reading value + cable loss shall be less than $25\mu\text{W}/\text{MHz}$.
- SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz. Then to mark peak reading value + cable loss shall be less than $25\mu\text{W}/\text{MHz}$.
- SA adjusted to start frequency 2496.5MHz and stop frequency 12500MHz. Then to mark peak reading value + cable loss shall be less than $2.5\mu\text{W}/\text{MHz}$.
- If the Result_Value is over the requirement, take total sum of 1MHz band centered at the spur frequency like time domain power measurement as Result_Value.

3.3.4. TEST SETUP LAYOUT



3.3.5. TEST DEVIATION

There is no deviation with the original standard.

3.3.6. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

Note:

- ※ 1: Frequency Band 1 ($30\text{MHz} \leq f \leq 1000\text{MHz}$)
- ※ 2: Frequency Band 2 ($1000\text{MHz} \leq f < 2387\text{MHz}$)
- ※ 3: Frequency Band 3 ($2387\text{MHz} \leq f < 2400\text{MHz}$)
- ※ 4: Frequency Band 4 ($2483.5\text{MHz} < f \leq 2496.5\text{MHz}$)
- ※ 5: Frequency Band 5 ($2496.5\text{MHz} < f$)

Band	1	2	3	4	5
Cable Loss(dB)	0.5	0.5	0.5	0.5	0.5

3.3.7. TEST RESULTS

Please refer to the Appendix A.

3.4. ANTENNA POWER TOLERANCE MEASUREMENT

3.4.1. LIMIT

Item	Limits (See Article 14 table 8 and Article 49-20 of the Ordinance Regulating Radio Equipment)
Antenna Power	10 mW or less
EIRP	12.14 - 22.14 dBm or less
Antenna Power Tolerance	+20% (Base on manufacturer declare antenna power)

3.4.2. TEST PROCEDURES

Test method according to Clause 6 of Annex No.43 of MIC Notification No.88.

1. Connect the high frequency power meter to the attenuator and measure the total power.
2. Set the antenna power as follows:
 - a. Continuous waves: value in a.
 - b. Burst waves: value in a, and value calculated from the average power within bursts from rates of transmission times.

3.4.3. TEST SETUP LAYOUT



3.4.4. TEST DEVIATION

There is no deviation with the original standard.

3.4.5. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

3.4.6. TEST RESULTS

Please refer to the Appendix B.

3.6. TRANSMISSION ANTENNA GAIN (EIRP ANTENNA POWER) MEASUREMENT

3.6.1. LIMIT

Item	Limits (See Article 49-20 of the Ordinance Regulating Radio Equipment)
Transmission Antenna Gain	12.14 dBi or less (When an E.I.R.P. is less than the limit, the shortage can be compensated for by the gain of the transmitting antenna.)

3.6.2. SETTING

The following table is the setting of spectrum analyzer.

Spectrum Analyzer	Setting
Span	0Hz
RBW / VBW	1MHz / 1MHz
Detector	Positive peak
Trace	Max Hold
Sweep Time	Auto

3.6.3. TEST PROCEDURES

Test method according to Clause 10 of Annex No.43 of MIC Notification No.88.

1. Set EUT and measuring antenna at the same height (1.5 m) and roughly facing each other. EUT have transmitted the maximum modulation signal and fixed channelize.
2. Set spectrum analyzer with condition in section 3.6.2 and tune reference level to observe receiving signal position. Center Frequency: Provide maximum power frequency.
3. Rotate directions of the EUT horizontally and vertically to find the maximum receiving power.
4. Move the measuring antenna height up and down within ± 50 cm of EUT height and swing it to find the maximum output of measuring antenna. The output level at the spectrum analyzer is read as "E".
5. Keeping the worst measuring antenna height and turntable angle unchanged, remove the EUT from the turntable and replace it with SG and a replacement standard antenna. Align the replacement antenna with the measuring antenna, and SG sends radio waves of the same frequency as the EUT. Adjust the replacement antenna to the maximum received power.
6. Move the measuring antenna height up and down within ± 50 cm, maintain the worst height, and adjust the output power of SG to achieve the power value "E" in step 4 of the spectrum analyzer.
7. Calculate EIRP by the formula below.

$$\text{EIRP} = G_S - L_F + P_S$$

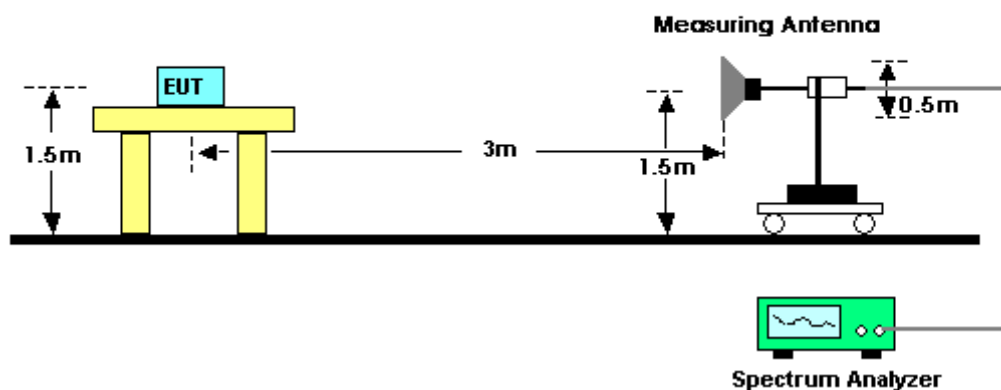
G_S : Gain of replacement antenna (dBi)

L_F : Cable loss between SG and replacement antenna (dB)

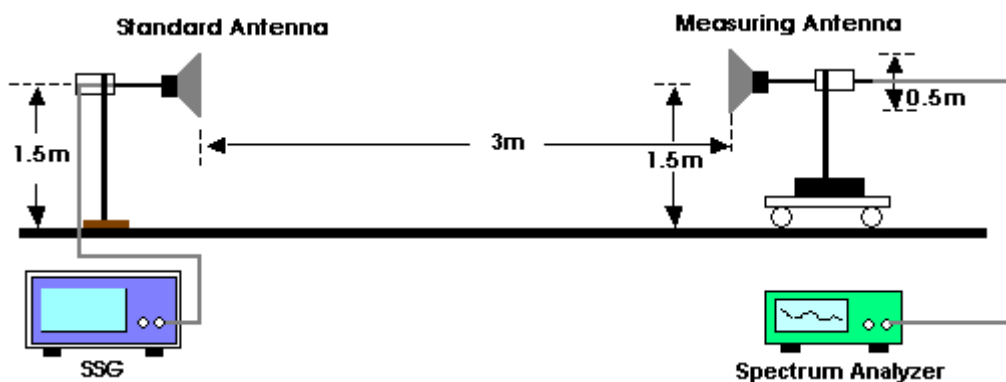
P_S : Output power of SG output port (dBm)

3.6.4. TEST SETUP LAYOUT

For EUT radiation measurement



For standard antenna measurement



3.6.5. TEST DEVIATION

There is no deviation with the original standard.

3.6.6. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

3.6.7. TEST RESULT OF TRANSMISSION ANTENNA GAIN (EIRP ANTENNA POWER)

Method of measurement:	See MIC Notice No.88 Appendix No.43 Clause 10
Results:	N/A

3.8. RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT

3.8.1. LIMIT

Item	Limits (See Article 9-4 Item 5 of the Ordinance Regulating Radio Equipment and Article 6-2 Item 3 of the Regulation for Enforcement of the Radio Law)
Identification code	The wireless equipment of the radio station mainly used in the same station automatically sends or receives the identification code.

3.8.2. MEASURING ID CODE SOFTWARE

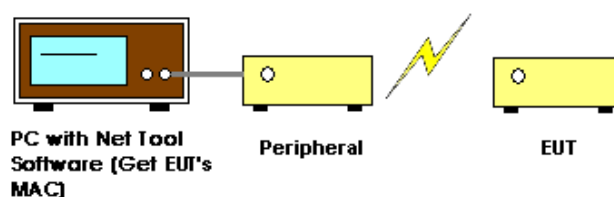
PC with Net Tool	Setting
MAC IP List	MAC Scan

3.8.3. TEST PROCEDURES

Test method according to Clause 23 of Annex No.43 of MIC Notification No.88.

1. In the case that the EUT has the function of automatically transmitting the identification code:
 - a. Transmit the predetermined identification codes form EUT.
 - b. Check the transmitted identification codes with the demodulator.
2. In the case of receiving the identification code:
 - a. Transmit the predetermined identification codes form the counterpart.
 - b. Check if communication is normal.
 - c. Transmit the signals other than predetermined ID codes form the counterpart.
 - d. Check if the EUT stops the transmission, or if it displays that idnetification codes are different from the predetermined ones.

3.8.4. TEST SETUP LAYOUT



3.8.5. TEST DEVIATION

There is no deviation with the original standard.

3.8.6. EUT OPERATION DURING TEST

The EUT was programmed to be in normal mode.

3.8.7. TEST RESULT OF RADIO INTERFERENCE PREVENTION CAPABILIT

Test Power:	Normal Voltage
Test Mode:	1Mbps
Test Result:	Pass (identification code: [81:52:00:00:35:75])

81:52:00:00:35:75

3.9. CONSTRUCTION PROTECTION CONFIRMATION METHOD

3.9.1. LIMIT

(See Article 49-20 of the Ordinance Regulating Radio Equipment)

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

3.9.2. CONFIRMATION METHOD

The RF and modulation portions are protected against illegal modification as following method:

Tick the appropriate box	
	1. Sealed with special screws.
	2. Plastic chassis is being welded using ultrasonic waves.
	3. Chassis is glued using a special adhesive.
	4. Metal covers are spot-fused.
	5. Cover is specially interlocked.
	6. RF and Modulation components are covered with shielding case and this shielding case is soldered.
	7. Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.
	8. Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.
	9. Shield case is welded at RF and modulation parts, and ID-ROM is glued with a non-transparent laminating agent.
✓	10. RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable part on PCB or adjustable parts are not exposed.



4. LIST OF MEASURING EQUIPMENTS

Kind of Equipment	Manufacturer	Model No.	Serial No.	Calibrated Date	Validity Date	Calibration Agency
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY56480545	Jul. 13, 2024	Jul. 12, 2025	China CEPREI Laboratory Calibration & Testing Centrer
Attenuator	Solvang Technology	5.8GHz 0-65dB	STI02-0203-01	Jul. 13, 2024	Jul. 12, 2025	China CEPREI Laboratory Calibration & Testing Centrer
DC Power Supply	GW Instek	GPC-3030DN	EH897352	Jan. 19, 2025	Jan. 18, 2026	China CEPREI Laboratory Calibration & Testing Centrer
Digital multimeter	FLUKE	15B+	38192195WS	Jul. 18, 2024	Jul. 17, 2025	China CEPREI Laboratory Calibration & Testing Centrer
USB Peak and Average Power Sensor	Keysight	U2063XA	MY58000309	Jul. 13, 2024	Jul. 12, 2025	China CEPREI Laboratory Calibration & Testing Centrer
USB Peak and Average Power Sensor	Keysight	U2063XA	MY58000306	Jul. 13, 2024	Jul. 12, 2025	China CEPREI Laboratory Calibration & Testing Centrer
USB Peak and Average Power Sensor	Keysight	U2063XA	MY58000305	Jul. 13, 2024	Jul. 12, 2025	China CEPREI Laboratory Calibration & Testing Centrer
USB Peak and Average Power Sensor	Keysight	U2063XA	MY58000307	Jul. 13, 2024	Jul. 12, 2025	China CEPREI Laboratory Calibration & Testing Centrer
Temperature And Humidity Box	Blue pand	BPHS-120B	170616454	Jul. 12, 2024	Jul. 11, 2025	China CEPREI Laboratory Calibration & Testing Centrer
IOT0047A Wireless IoT Devices Regulatory Compliance Test Solution	Keysight	Version:24.7.2 6.11	N/A	N/A	N/A	China CEPREI Laboratory Calibration & Testing Centrer

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. Calibration Agency: China CEPREI Laboratory Calibration & Testing Centrer
CEPREI(Suzhou) address : No.601, Taishan Road, Hi-Tech District, Suzhou, Jiangsu, China
3. Calibration conducted in foreign countries, which is equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

5. EUT TEST PHOTO



APPENDIX A - UNWANTED EMISSION INTENSITY

Test Mode:	TX Mode_1Mbps
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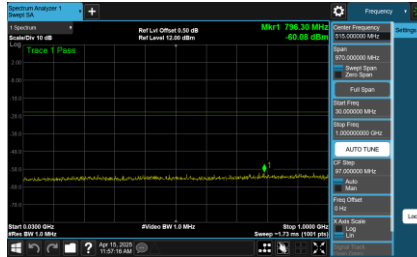
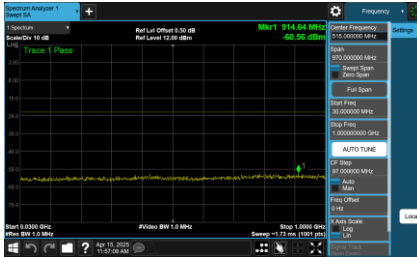
Test Voltage			Normal Voltage			Remarks
Test Frequency (MHz)			2402	2440	2480	Low/Mid/High of test frequency range
Unwanted Emission Intensity (Power emission within 1MHz bandwidth)	※ 1	MHz	914.64	796.30	833.16	Limit ≤ 2.5 μW/MHz (-26 dBm/MHz)
		μW/MHz	0.0009	0.0010	0.0028	
	※ 2	MHz	2378.70	1762.90	2384.20	Limit ≤ 2.5 μW/MHz (-26 dBm/MHz)
		μW/MHz	0.0143	0.0459	0.0067	
	※ 3	MHz	2400.00	2392.25	2396.74	Limit ≤ 25 μW/MHz (-16 dBm/MHz)
		μW/MHz	1.0233	0.0030	0.0018	
	※ 4	MHz	2492.59	2488.00	2483.62	Limit ≤ 25 μW/MHz (-16 dBm/MHz)
		μW/MHz	0.0018	0.0023	0.4688	
	※ 5	MHz	7208.00	7318.00	2497.00	Limit ≤ 2.5 μW/MHz (-26 dBm/MHz)
		μW/MHz	0.0021	0.0014	0.0048	

CH00

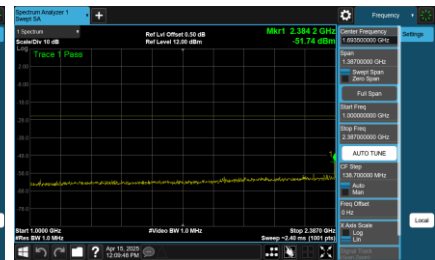
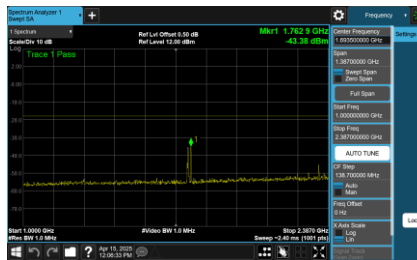
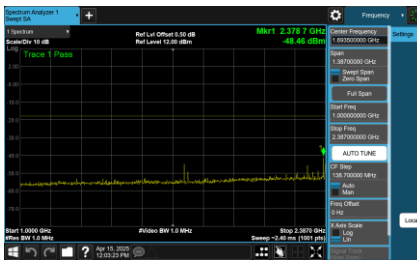
CH19

CH39

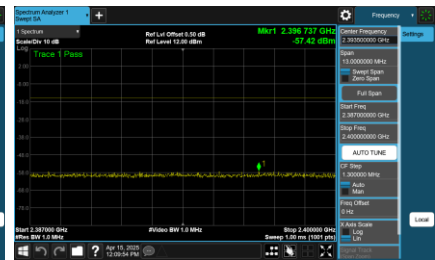
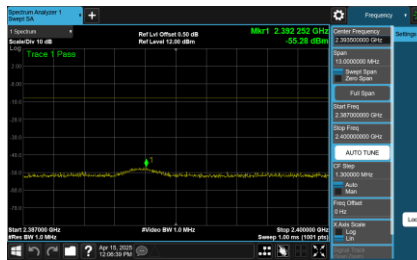
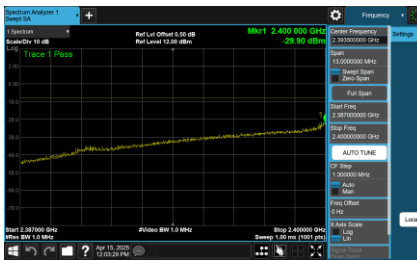
※1: $30\text{MHz} \leq f \leq 1000\text{MHz}$



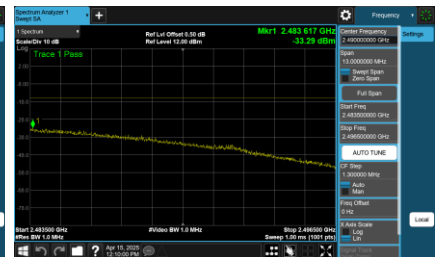
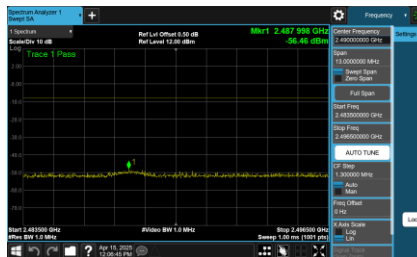
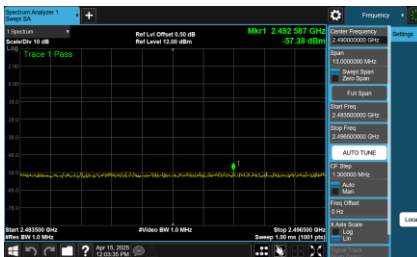
※2: $1000\text{MHz} \leq f < 2387\text{MHz}$

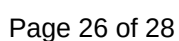


※3: $2387\text{MHz} \leq f < 2400\text{MHz}$



※4: $2483.5\text{MHz} < f \leq 2496.5\text{MHz}$





APPENDIX B - ANTENNA POWER TOLERANCE

Test Mode:	TX Mode_1Mbps
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Normal Voltage

Test Frequency (MHz)	Conducted RF output power density		Rated RF output power density	Conducted RF output power density Limit	Antenna Power Tolerance in Limit	
	(dBm)	(mW)	(mW)	(mW)	(+20%)	
2402	3.19	2.0845	2.80	10	-25.55	%
2440	3.50	2.2387	2.80	10	-20.05	%
2480	3.88	2.4434	2.80	10	-12.73	%

Test Frequency (MHz)	Radiated RF output power density	Limit
	(dBm)	(dBm)
2402	0.09	12.14
2440	0.40	12.14
2480	0.78	12.14

Note:

1. Antenna power tolerance = $\{(conducted\ power\ density - rated\ power\ density) / rated\ power\ density\}$
2. Radiated RF output power density (EIRP) = conducted RF output power density + Max. Antenna gain
3. Antenna Power value = SA measurement value + cable loss

End of Test Report