TEST REPORT

Report No.:	8230EU011105W2
Applicant:	Shenzhen Intellirocks Tech. Co., Ltd.
Address:	No. 2901-2904, 3002, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue,Xili Community, Xili Street, Nanshan District, Shenzhen, Guangdong 518000 China
Product Name:	Govee RGBIC LED Strip Light
Model No.:	H618A
Trademark:	Govee
Test Standard(s):	MIC Notice No.88 Appendix No.43 Ordinance of MPT No.37, 1981: Article 2 paragraph 1 item (19)
Date of Receipt:	Jun. 03, 2024
Test Date:	Jun. 03, 2024 – Jun. 20, 2024
Date of Issue:	Aug. 14, 2024

ISSUED BY:

SHENZHEN EU TESTING LABORATORY LIMITED

SHENZHEN EU TESTING LABORATORY LIMITED APPROVED

Prepared by: **Reviewed and Approved by:**

Mikey Zhu/ Engineer

Sally Zhang/ Manager

Revision Record

Report Version	Issued Date	Description	Status
V0	Aug. 14, 2024	Original	Valid

Table of Contents

Address: 101, Building B1, Fuqiao Fourth Area, Qiaotou Community, Fuhai Subdistrict, Baoan District, Shenzhen, Guangdong, China

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2 General Information

2.1 Applicant Information

Applicant	Shenzhen Intellirocks Tech. Co., Ltd.
Address	No. 2901-2904, 3002, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue,Xili Community, Xili Street, Nanshan District, Shenzhen, Guangdong 518000 China

2.2 Manufacturer Information

Manufacturer	Shenzhen Intellirocks Tech. Co., Ltd.
Address	No. 2901-2904, 3002, Block C, Section 1, Chuangzhi Yuncheng Building, Liuxian Avenue,Xili Community, Xili Street, Nanshan District, Shenzhen, Guangdong 518000 China

2.3 Factory Information

Factory	N/A
Address	N/A

2.4 General Description of E.U.T.

Product Name	Govee RGBIC LED Strip Light
Model No. Under Test	H618A
List Model No.	N/A
Description of Model differentiation	N/A
Rating(s)	Input: 24V⎓, 1.5A (Adapter Input: 100-240V~ 50/60Hz 1.2A Output: 24V⎓ 1.5A)
Adapter	Model No.: BI36L-240150-AdJ Input: 100-240V~ 50/60Hz 1.2A Output: 24V⎓ 1.5A Manufacturer: Dong Guan Royal Intelligent Co., Ltd.
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
Test Sample No.	-1/1(Normal Sample)
Hardware Version	3.01.10
Software Version	3.04.37
Remark	For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2.5 Technical Information of E.U.T.

Technology Used	WiFi 2.4G: 802.11b, 802.11g, 802.11n(HT20)

The requirement for the following technical information of the EUT was tested in this report:

Technology	**WiFi 2.4G**			
Operation Mode	☒ b	☒ g	☒ n(HT20)	☐ n(HT40)
	☐ ac(VHT20)	☐ ac(VHT40)	☐ ax(HEW20)	☐ ax(HEH618A0)
Operating Frequency	802.11b/g/n(HT20): 2412MHz to 2472MHz			
Number of Channels	802.11b/g/n(HT20): 13 Channels			
Modulation Technology	DSSS, OFDM			
Modulation Type	802.11b: DSSS(CCK, DQPSK, DBPSK); 802.11g: OFDM(BPSK, QPSK, 16QAM, 64QAM) 802.11n(HT20): OFDM (BPSK, QPSK, 16QAM, 64QAM)			
Antenna Type	PCB Antenna			
Antenna Gain(Peak)	3.85 dBi			
Antenna Impedance	50Ω			
Rated output Power	802.11b: 1.600 mW/MHz 802.11g: 0.720 mW/MHz 802.11n 20: 1.100 mW/MHz			

Modulation technology	Modulation Type	Transfer Rate (Mbps)
DSSS (802.11b)	DBPSK	1
	DQPSK	2
	CCK	5.5/11
OFDM (802.11g)	BPSK	6/9
	QPSK	12/18
	16QAM	24/36
	64QAM	48/54
OFDM (802.11n-20 MHz)	BPSK	6.5/7.2
	QPSK	13/19.5/14.4/21.7
	16QAM	26/39/28.9/43.3
	64QAM	52/58.5/65/57.8/65/72.2

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3 Test Summary

3.1 Test Standard

The tests were performed according to following standards:

No.	Identity	Document Title
1	MIC Notice No.88 Appendix No.43 Ordinance of MPT No.37, 1981: Article 2 paragraph 1 item (19)	Low power data communications system in the 2.4GHz band

Remark:
Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product maybe which result in lowering the emission should be checked to ensure compliance has been maintained.

3.2 Test Verdict

No.	Description	Test Mode	Channel	Data Rate (Mbps)	Verdict	Remark
1	Frequency Tolerance	Modulation	13/7/1	/	Pass	--
2	Occupied Bandwidth	11b/11g/11n20	13/7/1	1/6/6.5Mbps	Pass	--
3	Antenna Power	11b/11g/11n20	13/7/1	1/6/6.5Mbps	Pass	--
4	Spurious Emission Intensity	11b/11g/11n20	13/7/1	1/6/6.5Mbps	Pass	--
5	Secondary Radiated Emission	11b/11g/11n20	13/7/1	1/6/6.5Mbps	Pass	--
6	Spurious Emissions	11b/11g/11n20	13/7/1	1/6/6.5Mbps	Pass	--
7	Interference Prevention Function	11b/11g/11n20	13/7/1	1/6/6.5Mbps	Pass	--
8	Transmission Radiated Angle Width (3dB Beam Bandwidth)	11b/11g/11n20	13/7/1	1/6/6.5Mbps	N/A	Note 2
9	Carrier Sense Function	11b/11g/11n20	13/7/1	1/6/6.5Mbps	N/A	Note 3
10	Carrier Sense Function	11b/11g/11n20	13/7/1	1/6/6.5Mbps	N/A	Note 4

Note 1: The tests were performed according to the method of measurements prescribed in MIC Notice No.88 Appendix No.43.
Note 2: It is unnecessary to testing, when a E.I.R.P. is less than the variable E.I.R.P. limit of minimum (DSSS: 12.14dBm/MHz) or less, FHSS (2427-2470.75 MHz): 6.91dBm/MHz or less, etc.)
Note 3: Not apply to this device, since EIRP does not require compensation through Antenna Power.
Note 4: Apply for 802.11n40 which the Occupied bandwidth within 26MHz-40MHz.

The test channel corresponding to the frequency list:

Mode	Channel	Channel Number	Frequency (MHz)
11b	HIGH/MIDDLE/LOW(H/M/L)	13/7/1	2472/2442/2412
11g	HIGH/MIDDLE/LOW(H/M/L)	13/7/1	2472/2442/2412
11n20	HIGH/MIDDLE/LOW(H/M/L)	13/7/1	2472/2442/2412

3.3 Test Laboratory

Test Laboratory	Shenzhen EU Testing Laboratory Limited
Address	101, Building B1, Fuqiao Fourth Area, Qiaotou Community, Fuhai Subdistrict, Baoan District, Shenzhen, Guangdong, China

4 Test Configuration

4.1 Test Environment

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	30% to 60%	
Atmospheric Pressure	86 kPa to 106 kPa	
Temperature	NT (Normal Temperature)	+15℃ to +35℃
Working Voltage of the EUT	NV (Normal Voltage)	100 V
	LV (Low Voltage)	90 V
	HV (High Voltage)	110 V

Power Supply Voltage Fluctuation Test

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input To EUT	AC 100V	AC 110V	AC 90V
Output To RF Module	DC 3.3V	DC 3.3V	DC 3.3V
Voltage Variation (%)	--	0.00%	0.00%

Note:

Voltage Variation (%)=(Output high or Low Voltage - Output Normal Voltage)/ Output Normal Voltage* 100%

For extreme voltage test, we have tested the relationship between the external power supply and RF IC power supply. Base on the test results, only the normal voltage was selected to perform all items.

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4.2 Test Equipment

Radiated Emission and RF Test					
Equipment	**Manufacturer**	**Model No**	**Serial No**	**Cal Date**	**Cal Due Date**
EMI Test Receiver	ROHDE & SCHWARZ	ESPI	EE-006	2024/01/09	2025/01/08
Bilog Broadband Antenna	SCHWARZBECK	VULB 9163	EE-007	2023/01/14	2026/01/13
Double Ridged Horn Antenna	A-INFOMW	LB-10180-NF	EE-008	2023/01/12	2026/01/11
Pre-amplifier	Agilent	8447D	EE-009	2024/01/09	2025/01/08
Pre-amplifier	Agilent	8449B	EE-010	2024/01/09	2025/01/08
MXA Signal Analyzer	Agilent	N9020A	EE-011	2024/01/09	2025/01/08
MXG RF Vector Signal Generator	Agilent	N5182A	EE-012	2024/01/09	2025/01/08
Test Software	Farad	EZ-EMC	EE-015	N.C.R	N.C.R
MIMO Power Measurement Module	TSTPASS	TSPS 2023R	EE-016	2024/01/09	2025/01/08
RF Test Software	TSTPASS	TS32893 V2.0	EE-017	N.C.R	N.C.R
Wideband Radio Communication Tester	ROHDE & SCHWARZ	CMW500	EE-402	2024/02/15	2025/02/14
Loop Antenna	TESEQ	HLA6121	EE-403	2024/02/15	2025/02/14
MXG RF Analog Signal Generator	Agilent	N5181A	EE-406	2024/02/15	2025/02/14
Constant Temperature Humidity Chamber	Guangxin	GXP-401	ES-002	2023/07/31	2024/07/30

Note[1]: Calibration Company: Shenzhen Academy Of Metrology& Quality inspection.
Note[2]: Calibration method: Calibration conducted in foreign countries, which is equivalent to calibration conducted by the NICT or a designated calibration agency under Article 102-18-1 and Article 24-2, Paragraph 4 of the Radio Act.

4.3 Description of Support Unit

No.	Title	Manufacturer	Model No.	Serial No.
--	--	--	--	--

4.4 Measurement Uncertainty

Parameters	Uncertainty
Frequency Error / 99% Bandwidth	(3.2 x f x 10^{-6}) Hz
Antenna Power	1.82 dB
TX-RX Spurious Emissions	1.84 dB
Transmission Antenna Gain	5.36 dB
Temperature	0.8 ℃
Humidity	4 %
DC / AC Power Source	0.04%
Noet: “f” is the nominal signal frequency in Hz.	

Note: This uncertainty represents as expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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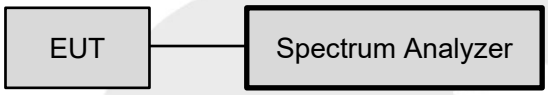
5 Test Items

5.1 Frequency Tolerance Test

5.1.1 Test Requirement

Item	Limits
Frequency Tolerance	≤±50 ppm

5.1.2 Test Setup Diagram



5.1.3 Test Procedure

Span=2MHz
Sweep time=Auto
Detector mode=Positive peak
Indication mode=Max hold
EUT have transmitted modulation signal and fixed channelize. f is using the mark cursor to mark the peak frequency value, fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fcx 106ppm and the limit is less than +50 ppm.

5.1.4 Test Deviation

There is no deviation with the original standard.

5.1.5 EUT Operation during Test

The EUT was programmed to be in continuous transmit, carrier mode.

5.1.6 Test Data

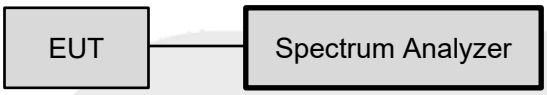
PASS.
Please refer to Annex E for details.

5.2 Occupied Bandwidth

5.2.1 Test Requirement

Item	Limits
Occupied Band Width	FHSS≦83.5MHz; OFDM≦40MHz, DSSS≦26MHz; Others≦26MHz

5.2.2 Test Setup Diagram



5.2.3 Test Procedure

1. Set the spectrum analyzer as follows:
   Center frequency: Test frequency
   Span: Approximately 2 to 3.5 times nominal bandwidth
   Resolution bandwidth: Approximately 3% or less nominal bandwidth
   Video bandwidth: equivalent to resoluble bandwidth
   Sweep time: auto
   Sweep mode: Continuous sweep
   Detection: Positive peak
   Trace mode: Maximum hold
2. After repeating sweeps until the display shows steady data, store the values at all data points into the computer array variables.
3. Convert the dB values at all data points to antilogarithm on the power dimension.
4. Obtain sum total of the power at all data points, and store it as “total power”.

5.2.4 Test Deviation

There is no deviation with the original standard.

5.2.5 EUT Operation during Test

The EUT was programmed to be in continuous transmit, channel-selected mode.

5.2.6 Test Data

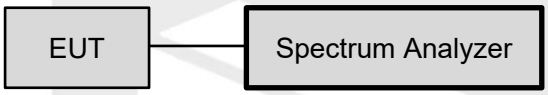
PASS.
Please refer to Annex E for details.

5.3 Antenna Power Test

5.3.1 Test Requirement

Item	Limits
Antenna Power Density	a) FH, FH+DS, or FH+OFDM form 2427 - 2470.75 MHz: ≦3 mW/MHz b) DS but other than a) from 2400~2483.5 MHz: ≦10 mW/MHz c) OFDM, but other than a): For OCB of 26MHz or less: ≦10 mW/MHz For OCB of over 26 MHz to 40 MHz: ≦5 mw/MHz d) Other than a), b) and c): ≦10 mW
Antenna Power Error	+20% (Base on manufacturer declare antenna power density)
EIRP Power	12.14 dBm/MHz

5.3.2 Test Setup Diagram



5.3.3 Test Procedure

The following table is the setting of the spectrum.

Spectrum Parameter	Setting
Span Frequency	0MHz
RB/VB	1MHz
Detector	Positive Peak
Trace	Max hold
Sweep Time	Auto

Power Meter Parameter	Setting
Filter No.	Auto
Measurement time	0.135 s ~ 26 s

1. Measure equivalent noise bandwidth at 1 MHz resolution bandwidth of the spectrum analyzer and obtain a correction value used for correcting the resolution bandwidth into 1 MHz equivalent bandwidth. However, in case that the spreading bandwidth is 1 MHz or less, correction using the measured equivalent noise bandwidth is not required.
2. The attenuator shall be adjusted to supply an optimum input level to the spectrum analyzer.
3. Set the spectrum analyzer as follows to search for frequency giving the maximum antenna power:
   Centre Frequency: Test frequency
   Frequency sweep width: Approximately twice the occupied bandwidth
   Resolution bandwidth: 1MHz
   Video bandwidth: Approximately 3 times the resolution bandwidth (e.g. 3 MHz)
   Y-axis scale: 10 dB / div
   Sweep time: Minimum time to ensure the measuring accuracy (In case of burst wave, one burst shall be included in one sample at least.)
   Trigger condition: Free-run
   Number of data points: 1001 points or more
   Sweep mode: Continuous sweep

Detection mode: Positive peak
Indication mode: Maximum hold

4. Set the spectrum analyzer as follows to measure antenna power. Prior to the measurement, calibrate indication of the power meter for the indication at EUT output in the condition that the power meter is connected to IF output of the spectrum analyzer.

Center frequency: A frequency giving the maximum power (searched frequency);
Frequency sweep width: 0 Hz;
Resolution bandwidth: 1 MHz;
Sweep mode: Continuous sweep.

5. When using the calculation function of the spectrum analyzer to measure antenna power , the settings of the spectrum analyzer are as follows :

Centre Frequency: Equal to the frequency recorded in step 2.
Frequency sweep width:10MHz
Operation bandwidth:1MHz
Resolution bandwidth: 30kHz to 300kHz
Video bandwidth: Approximately 3 times the resolution bandwidth
Y-axis scale: 10 dB / div
Sweep time: Integer multiple of burst period per sample
Trigger condition: Free-run
Number of data points: 1001 points or more
Sweep mode: Continuous sweep
Detection mode: RMS
Indication mode: RMS power,about 10 on average.
Measuring procedures (Antenna power)

a. For orthogonal frequency division multiplexing system or spread spectrum system using direct sequence spreading:
(1) Set the spectrum analyzer according to 3.
(2) After repeating sweeps until spectrum fluctuation is not observed, measure the frequency giving the maximum power per 1 MHz.
(3) Set the spectrum analyzer according to 5.
(4) Antenna power shall be obtained as follows.
(a) For continuous wave; Values obtained from the operation of the spectrum analyzer.
(b) For burst wave; Mean power in burst that is calculated from the transmission time ratio and the values obtained from the operation in the same way as that for continuous wave:
Mean power in burst = values obtained from the operation of the spectrum analyzer / transmission time ratio
where
Transmission time ratio = burst transmission time / burst repetition period
(5) When the EUT has plural modulation methods for sub-carriers in orthogonal frequency division multiplexing system, measure antenna power for each modulation method and use the maximum value as the measured value.
(6) When EUT has plural antenna terminals, conduct above measurement at each terminal.
b. For other systems
(1) Connect the power meter to the attenuator output and measure the total power (mW).
(2) Antenna power shall be obtained as follows.
(a) For continuous wave; Value obtained in (1)
(b) For burst wave; Mean power in burst that is calculated from the transmission time ratio and the value obtained in (1)
Mean power in burst = indicated value of power meter / transmission time ratio
(3) Measure antenna power per 1 MHz bandwidth (m W / MHz) in the same way as that in Measuring procedures a above.
(4) When EUT has plural antenna terminals, conduct above measurement at each terminal.

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5.3.4 Test Deviation

There is no deviation with the original standard.

5.3.5 EUT Operation during Test

The EUT was programmed to be in continuous transmit, channel-selected mode.

5.3.6 Test Data

PASS.

Please refer to Annex E for details.

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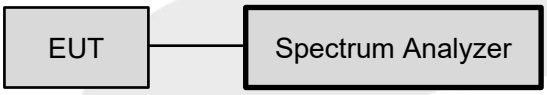
5.4 Spurious Emissions Intensity Test

5.4.1 Test Requirement

Item	Limits
TX Spurious Emission	≤2.5 μW/MHz (30≤f≤1000 MHz) , ≤2.5 μW/MHz (1000 MHz≤f<2387 MHz; 2496.5 MHz<f)
	≦25μW (2387MHz≦f<2400MHz) and (2483.5MHz<f≦2496.5MHz)

5.4.2 Test Setup Diagram



5.4.3 Test Procedure

Spectrum Parameter	Setting
Attenuation	Auto
RB	30-1000 MHz: 1 MHz/1 MHz
VB	Above 1GHz: 1 MHz/1 MHz
Detector	Peak
Trace	Max Hold
Sweep	Auto

1. EUT have transmitted the maximum modulation signal and fixed channelize.
2. Setting of SA is following as: RBW/VBW = 1MHz; / AT: 10dB / Ref: 0dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.
3. Setting of SA is following as 30 MHz and stop frequency 1000 MHz Then to mark peak reading value + cable loss shall be less than 2.5 μW/MHz.
4. Setting of SA is following as 1000 MHz and stop frequency 2387 MHz Then to mark peak reading value + cable loss shall be less than 2.5 μW/MHz.
5. SA adjusted to start frequency 2387 MHz and stop frequency 2400 MHz. Then to mark peak reading value + cable loss shall be less than 25 μW/MHz.
6. SA adjusted to start frequency 2483.5 MHz and stop frequency 2496.5 MHz Then to mark peak reading value + cable loss shall be less than 25 μW/MHz.
7. SA adjusted to start frequency 2496.5 MHz and stop frequency 12500 MHz Then to mark peak reading value + cable loss shall be less than 2.5 μW/MHz.
8. Measure side band spurious as follows: For 2.4 GHz band: 2374 MHz~2400 MHz and 2483.5 MHz~2509.5 MHz RBW = VBW = 30 kHz, Result_Value = Meaured_Value + 15.2 [dBm].
9. If the Result_Value is over the requirement, take total sum of 1MHz band centered at the spur frequency like ACLP measurement as Result_Value.

5.4.4 Test Deviation

There is no deviation with the original standard.

5.4.5 EUT Operation during Test

The EUT was programmed to be in continuous transmit, channel-selected mode.

5.4.6 Test Data

PASS.

Please refer to Annex E for details.

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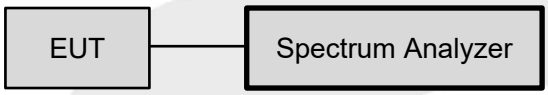
5.5 Secondary Radiated Emissions Test

5.5.1 Test Requirement

Item	Limits
RX Spurious Emission	≦4nW (f<1GHz)
	≦20nW (1GHz≦f)

5.5.2 Test Setup Diagram



5.5.3 Test Procedure

Spectrum Parameter	Setting
Attenuation	Auto
RB	30-1000 MHz: 100KHz/100KHz
VB	Above 1GHz: 1 MHz/1 MHz
Detector	Peak
Trace	Max Hold
Sweep	Auto

1. EUT has the continuous reception mode and fixed only one channelize.
2. Setting of SA is following as RB / VB: 100 kHz (below 1GHz emissions) / 1 MHz (above 1GHz emissions) / AT:10 dB / Ref: 0dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.
3. SA set RB: 100 kHz and VB: 100 kHz. Then adjust to start frequency 30 MHz and stop frequency 1000 MHz. Search to mark peak reading value + cable loss shall be less than 4 nW.
4. SA set RB: 1 MHz and VB: 1 MHz. Then adjust to start frequency 1000 MHz and stop frequency 12500 MHz. Search to mark peak reading value + cable loss shall be less than 20 nW.
5. If power level of lower emissions are more than 1/10 of limit (0.4nW for f < 1 GHz, 2 nW for f≥ 1GHz), all those are to be indicated in the 2nd and 3rd lines. If others are 1/10 or less more of the limit, no necessary to be indicated.

5.5.4 Test Deviation

There is no deviation with the original standard.

5.5.5 EUT Operation during Test

The EUT was programmed to be in continuous transmit, channel-selected mode.

5.5.6 Test Data

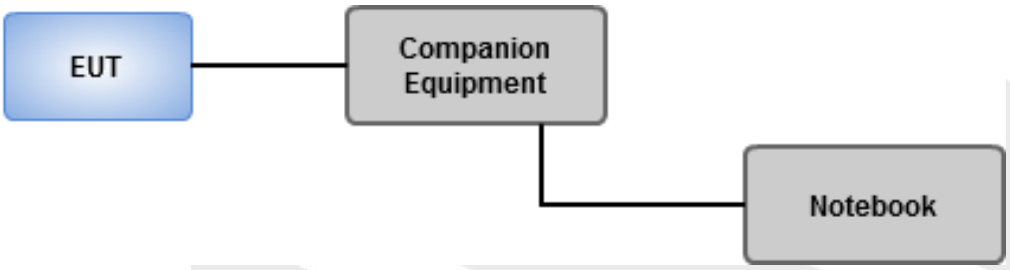
PASS.
Please refer to Annex E for details.

5.6 Interference Prevention Function

5.6.1 Test Requirement

Item	Limits
Identification	≥ 48 bits

5.6.2 Test Setup Diagram



5.6.3 Test Procedure

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 identification codes are different from the predetermined ones.

5.6.4 Test Deviation

There is no deviation with the original standard.

5.6.5 EUT Operation during Test

The EUT was programmed to be in continuous transmit, channel-selected mode.

5.6.6 Test Data

PASS.

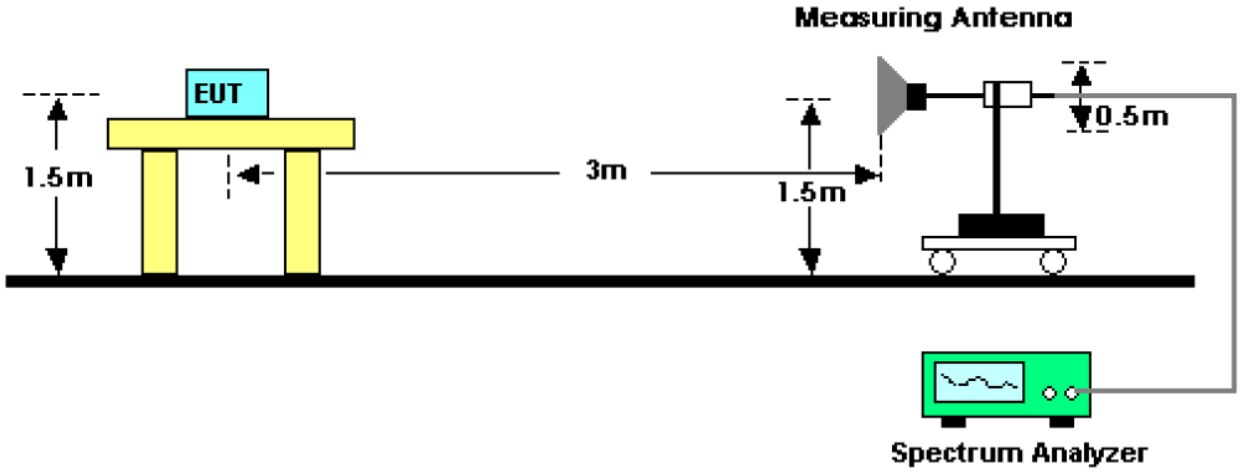
Mode	ID Code	Test Results
2.4G WiFi	36:F8:20:B7:42:A3	Pass

5.7 Transmission Radiation Angle Width (3dB Beamwidth) Measurement

5.7.1 Test Requirement

Item	Limits
3dB antenna beam width	360/A (If A<1; then A=1) A = {EIRP Power [mW] / 16.36 for DS, OFDM} or A = {EIRP Power [mW] / 4.9 for FH}
Note: This test item will not be applied to the transmission antenna which has a gain of 2.14dBi or less.	

5.7.2 Test Setup Diagram



5.7.3 Test Procedure

1. Set EUT and measuring antenna at the same height and roughly facing each other.
2. Set spectrum analyzer with RBW=1 MHz, VBW=1 KHz, Y scale=5 dB, Detector=Peak, Trace mode=Max Hold, and tune reference level to observe receiving signal position.
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 ± 50cm 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. Calculate permitted radiation angle in horizontal and vertical using EIRP measured in another test method.
6. Calculate 3dB antenna beam width by the formula below 360/A (If A<1; then A=1). A = {EIRP Power [mW] / 16.36 for DS, OFDM} or A = {EIRP Power [mW] / 4.9 for FH}

5.7.4 Test Deviation

There is no deviation with the original standard.

5.7.5 EUT Operation during Test

The EUT was programmed to be in continuous transmit, channel-selected mode.

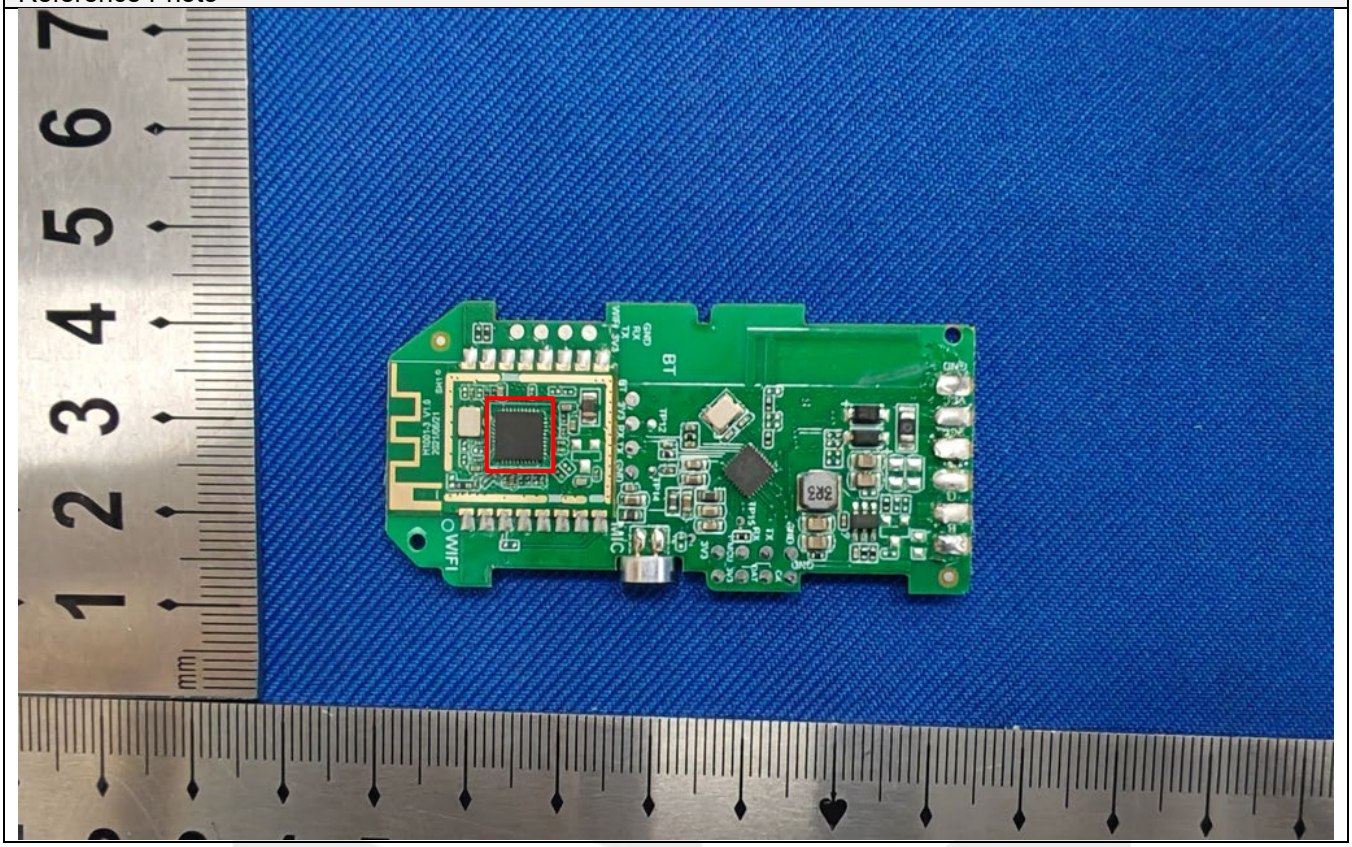
5.7.6 Test Data

Note: Because the EIRP is less than 12.14 dBm, this item is not applicable.

5.8 Construction Protection Confirmation Method

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

Protected Method	Description
Structure protection	The terminal number is 40, terminal pitch is 1mm. it can't be easily opened and modified.
Reference Photo	



ANNEX A TEST SETUP PHOTOS

Please refer to the document “8230EU011105W-AA.PDF”

ANNEX B EXTERNAL PHOTOS

Please refer to the document “8230EU011105W-AB.PDF”

ANNEX C INTERNAL PHOTOS

Please refer to the document “8230EU011105W-AC.PDF”

ANNEX D TEST DATA

Please refer to the document “8230EU011105W-AE.PDF”

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--- End of Report ---

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