# RADIO TEST REPORT

For

Dnsys Innovation (Beijing) Technology Development Ltd.

Hiking Energy Saver

Test Model: Dnsys BOOSTSUIT Z1

Additional Model No.: Dnsys BOOSTSUIT Z1 PRO DS2

| | | |
|---|---|---|
| Prepared for | : | Dnsys Innovation (Beijing) Technology Development Ltd. |
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| Date of receipt of test sample | : | January 23, 2026 |
| Number of tested samples | : | 2 |
| Sample No. | : | A260123047-1, A260123047-2 |
| Serial number | : | Prototype |
| Date of Test | : | January 23, 2026 ~ February 05, 2026 |
| Date of Report | : | February 06, 2026 |

# RADIO TEST REPORT

## MIC Notice No.88 Appendix No.43

Second-Generation Low-Power Data Communication System/Wireless LAN System

| | | |
|---|---|---|
| **Report Reference No. .....** | : | **LCSA01236034EB** |
| Date of Issue..... | : | February 06, 2026 |
| **Testing Laboratory Name.....** | : | **Shenzhen LCS Compliance Testing Laboratory Ltd.** |
| Address..... | : | Room 101/201, Building A, and Room 101/301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China |
| Testing Location/ Procedure.... | : | Full application of Harmonised standards ■<br>Partial application of Harmonised standards □<br>Other standard testing method □ |
| **Applicant's Name.....** | : | **Dnsys Innovation (Beijing) Technology Development Ltd.** |
| Address..... | : | Beijing, Haidian District, Xueqing Road, No. 10 Yard, Building 1, Floor 11, Room 101 Beijing,100000 China |
| **Test Specification** | | |
| Standard..... | : | MIC Notice No.88 Appendix No.43 |
| **Test Report Form No.....** | : | TRF-4-E-114 A/0 |
| TRF Originator..... | : | Shenzhen LCS Compliance Testing Laboratory Ltd. |
| Master TRF..... | : | Dated 2011-03 |

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| | | |
|---|---|---|
| **Test Item Description.....** | : | **Hiking Energy Saver** |
| Trade Mark..... | : | dnsys |
| Test Model..... | : | Dnsys BOOSTSUIT Z1 |
| Ratings..... | : | Please Refer to Page 6 |
| Result ..... | : | Pass |

| **Compiled by:** | **Supervised by:** | **Approved by:** |
|---|---|---|
| Li Huan/ Administrator | Kevin Huang/ RF Manager | Gavin Liang/ Manager |

# RADIO -- TEST REPORT

| Test Report No. : LCSA01236034EB | February 06, 2026<br>Date of issue |
|---|---|

| | |
|---|---|
| Test Model ..... | : Dnsys BOOSTSUIT Z1 |
| EUT..... | : Hiking Energy Saver |
| **Applicant.....** | **: Dnsys Innovation (Beijing) Technology Development Ltd.** |
| Address..... | : Beijing, Haidian District, Xueqing Road, No. 10 Yard, Building 1, Floor 11, Room 101 Beijing,100000 China |
| Telephone..... | : / |
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| **Manufacturer.....** | **: Dnsys Innovation (Beijing) Technology Development Ltd.** |
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| Fax..... | : / |
| **Factory.....** | **: Dnsys Innovation (Beijing) Technology Development Ltd.** |
| Address..... | : Beijing, Haidian District, Xueqing Road, No. 10 Yard, Building 1, Floor 11, Room 101 Beijing,100000 China |
| Telephone..... | : / |
| Fax..... | : / |

| Test Result | Pass |
|---|---|

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

# Revision History

| Report Version | Issue Date | Revision Content | Revised By |
|---|---|---|---|
| 000 | February 06, 2026 | Initial Issue | --- |
| | | | |
| | | | |

複製禁止

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# 1. GENERAL INFORMATION

## 1.1. Description of Device (EUT)

| | |
|---|---|
| EUT | : Hiking Energy Saver |
| Test Model | : Dnsys BOOSTSUIT Z1 |
| Additional Model No. | : Dnsys BOOSTSUIT Z1 PRO DS2 |
| Model Declaration | : PCB board, structure and internal of these model(s) are the same, So no additional models were tested. |
| Ratings | : Input: DC 21.6V |
| Hardware Version | : 1.3 |
| Software Version | : 1.4.4.0 |
| **Bluetooth** | |
| Frequency Range | : 40 channels for Bluetooth V5.0(BT LE)<br>Channel Frequency=2402+2(K-1), K=1, 2, 3 ……40 |
| Declared Antenna Power | : Bluetooth V5.0(BT LE/ BT 2LE): 1.0mW |
| Modulation Technology | : Bluetooth V5.0(BT LE/ BT 2LE): GFSK |
| Data Rate | : Bluetooth V5.0(BT LE/ BT 2LE): 1/2Mbps |
| Antenna Description | : PCB Antenna, 4.54dBi (max.) |
| **WIFI (2.4G Band)** | |
| Frequency Range | : 2412-2472MHz for 802.11b/g/n(HT20)<br>2422-2462MHz for 802.11n(HT40) |
| Channel Spacing | : 5MHz |
| Channel Number | : 13 Channel for 802.11b/g/n(HT20)(2412~2472MHz)<br>9 channels for 802.11n(HT40) (2422~2462MHz) |
| Modulation Type | : 802.11b: DSSS (CCK, DQPSK, DBPSK)<br>802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK) |
| Declared Antenna Power | : 802.11b: 3.5mW/MHz<br>802.11g: 3.5mW/MHz<br>802.11n(HT20): 3.5mW/MHz<br>802.11n(HT40): 1.2mW/MHz |
| Antenna Description | : PCB Antenna, 4.54dBi (max.) |

Note: For a more detailed antenna description, please refer to the antenna specifications or the antenna report provided by the customer.

## 1.2. Support Equipment List

| Manufacturer | Description | Model | Serial Number | Certificate |
|---|---|---|---|---|
| --- | --- | --- | --- | --- |

## 1.3. External I/O Cable

| I/O Port Description | Quantity | Cable |
|---|---|---|
| --- | --- | --- |

## 1.4. Description of Test Facility

FCC Registration Number is 254912.
NVLAP Accreditation Code is 600167-0.
FCC Designation Number is CN5024.
CAB identifier is CN0071.
CNAS Registration Number is L4595.
Industry Canada Registration Number is 9642A.

## 1.5. Test Conditions

| | | |
|---|---|---|
| **Temperature Range** | : | 21-25℃ |
| **Humidity Range** | : | 45-85% |
| **Pressure Range** | : | 86-106kPa |

## 1.6. Frequency of Channels

**802.11b/g/n (HT20)**

| Channel | Frequency(MHz) | Channel | Frequency(MHz) |
|---|---|---|---|
| 1 | 2412 | 8 | 2447 |
| 2 | 2417 | 9 | 2452 |
| 3 | 2422 | 10 | 2457 |
| 4 | 2427 | 11 | 2462 |
| 5 | 2432 | 12 | 2467 |
| 6 | 2437 | 13 | 2472 |
| 7 | 2442 | -- | -- |

**802.11n (HT40)**

| Channel | Frequency(MHz) | Channel | Frequency(MHz) |
|---|---|---|---|
| -- | -- | 7 | 2442 |
| -- | -- | 8 | 2447 |
| 3 | 2422 | 9 | 2452 |
| 4 | 2427 | 10 | 2457 |
| 5 | 2432 | 11 | 2462 |
| 6 | 2437 | -- | -- |

# 2. TEST METHODOLOGY

## 2.1. EUT Exercise

The EUT was operated in the engineering mode to fix the TX frequency that was for the purpose of the measurements.

According to its specifications, the EUT must comply with the requirements of ARIB STD-T66.

## 2.2. Measurement Uncertainty

| Test Item | | MU | Remark |
|---|---|---|---|
| Bandwidth | : | +/- 0.2 E-6 | / |
| Antenna Power | : | +/-0.33dB | / |
| Frequency Tolerance | : | +/- 0.3 E-6 | / |
| Conducted spurious emission | : | +/-0.13dB | / |
| DC Power | : | +/-1% | / |

(1). This uncertainty represents an expanded uncertainty expressed at approximately
the 95% confidence level using a coverage factor of k=2.

## 2.3. Table for Parameters of Test Software Setting

During testing, Channel & Power Controlling commands provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Power Parameters:

| Test Software Version | Engineering code | | |
|---|---|---|---|
| Frequency | 2412MHz | 2442MHz | 2472MHz |
| 802.11b (20MHz) | Default | Default | Default |
| 802.11g (20MHz) | Default | Default | Default |
| 802.11n (20MHz) | Default | Default | Default |
| Frequency | 2422MHz | 2442MHz | 2462MHz |
| 802.11n (40MHz) | Default | Default | Default |

***Note: The output power level of the software was chosen as default only.

## 2.4. Description of Test Modes

| Tested mode, channel, and data rate information | | | | |
|---|---|---|---|---|
| **Mode** | **Preliminary Test Data Rate (Mbps)** | **Final Test Data Rate (Mbps) (see Note)** | **Channel** | **Frequency (MHz)** |
| 802.11b | 11/1 | 11 | Low :CH1 | 2412 |
| | 11/1 | 11 | Middle: CH7 | 2442 |
| | 11/1 | 11 | High: CH13 | 2472 |
| 802.11g | 54/6 | 6 | Low :CH1 | 2412 |
| | 54/6 | 6 | Middle: CH7 | 2442 |
| | 54/6 | 6 | High: CH13 | 2472 |
| 802.11n HT20 | 65.0/6.5 | 6.5 | Low :CH1 | 2412 |
| | 65.0/6.5 | 6.5 | Middle: CH7 | 2442 |
| | 65.0/6.5 | 6.5 | High: CH13 | 2472 |
| 802.11n HT40 | 135.0/13.5 | 13.5 | Low :CH3 | 2422 |
| | 135.0/13.5 | 13.5 | Middle: CH7 | 2442 |
| | 135.0/13.5 | 13.5 | High: CH11 | 2462 |
| Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test. | | | | |

## 2.5. Test Voltage

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 | DC 21.6V | DC 23.76V | DC 19.44V |
| Output To RF Module | DC 3.3V | DC 3.3V | DC 3.3V |
| Voltage Variation (%) | -- | -- | -- |

Note: As the EUT was powered by DC 21.6V, and with the voltage stabilizing circuit used, the chip voltage received floating not exceed ±1% of nominal condition when working on extreme voltage, so all test performed at nominal voltage only.

# 3. SYSTEM TEST CONFIGURATION

## 3.1. Justification

The system was configured for testing in engineering mode.

## 3.2. EUT Exercise Software

N/A.

## 3.3. Special Accessories

N/A.

## 3.4. Block Diagram/Schematics

Please refer to the related document.

## 3.5. Equipment Modifications

Shenzhen LCS Compliance Testing Laboratory Ltd. has not done any modification on the EUT.

# 4. SUMMARY OF TEST RESULTS

| MIC Notice No.88 Appendix No.43 Article 2 Paragraph 1 Item 19 | | |
|---|---|---|
| Clause | Description of Test (Transmitter Parameters) | Result |
| 3 | Frequency Tolerance | PASS |
| 6 | Antenna Power | PASS |
| 6 | Tolerances for Antenna Power | PASS |
| 4 | Transmission Rate | PASS |
| 4 | Occupied Frequency Bandwidth | PASS |
| 4 | Spread Bandwidth | PASS |
| 5 | Spurious Emissions | PASS |
| 10 | Transmission Antenna Gain (EIRP Antenna Power) | N/A |
| 11 | Transmission Radiated Angle Width (3dB Beam width) | PASS |
| 12 | Interference prevention function | PASS |
| 8 | Carrier Sensing function | PASS |
| 8 | Number of carrier | PASS |
| Receiver Parameters | | |
| 7 | Secondary Radiated Emissions | PASS |

*Note: (1) N/A is an abbreviation for Not Applicable.*
*(2) N/T means this test item is not tested.*
*(3) This is a 2.4G WIFI RF test report for Hiking Energy Saver.*

# 5. TEST RESULT

## 5.1. Frequency Tolerance

### 5.1.1. Standard Applicable

Tolerance of frequency shall be $\pm 50 \times 10^{-6}$.

### 5.1.2. Measuring Instruments

Please refer to section 9 of equipments list in this report.

### 5.1.3. Test Procedures

a. Set EUT work in test mode as described in clause 2.4.

b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test.

Resolution BW: 10 KHz.

Video BW: 10 KHz.

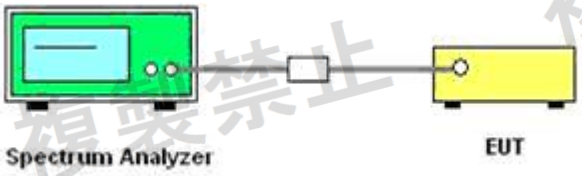
Span: 1MHz.

Detector: Peak.

Trace Mode: Max Hold.

c. When the trace is complete, find the peak value of the power envelope and record.

### 5.1.4. Test Setup Layout




### 5.1.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

### 5.1.6. Test Result

**PASS**

**Please refer to the Appendix B.1 for 2.4G WIFI RF Test Data.**

## 5.2. Antenna Power

### 5.2.1. Standard Applicable

| Type | Limit |
|---|---|
| DTS | 10mW |
| OFDM OBW<26MHz, DS | 10mW/MHz |
| OFDM OBW 26-40MHz | 5mW/MHz |
| Tolerance | +20% |

Upper Limit of EIRP for Modulation Systems

| Modulation system | Frequency band used | Antenna power (max.) | EIRP (max.) | |
|---|---|---|---|---|
| | | | Omnidirectional case | Directional case |
| DS, OFDM | 2,400 - 2,483.5 MHz | 10 mW/MHz | 12.14 dBm/MHz | 22.14 dBm/MHz |
| FH, DS-FH FH-OFDM | 2,400 - 2,483.5 MHz | 3 mW/MHz | 6.91 dBm/MHz | 16.91 dBm/MHz |
| | Excluding 2,427 - 2,470.75 MHz | 10 mW/MHz | 12.14 dBm/MHz | 22.14 dBm/MHz |
| Other than the above | 2,400 - 2,483.5 MHz | 10 mW | 12.14 dBm | 22.14 dBm |

### 5.2.2. Measuring Instruments

Please refer to section 9 of equipments list in this report.

### 5.2.3. Test Procedures

a. Set EUT work in test mode as described in clause 2.4.

b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test.

Resolution BW: 1MHz.

Video BW: 3MHz.

Span: Wide enough to cover the complete power envelope of the signal of the EUT.

Trigger condition: Free run.

Sweep mode: Continuous sweeping.

Detector: Peak.

Trace Mode: Max Hold.

c. When the trace is complete, find the peak value of the power envelope and record.

d. Make the following changes to the settings of the spectrum analyzer:

Centre Frequency: Equal to the frequency recorded in step c.

Span: 0 MHz

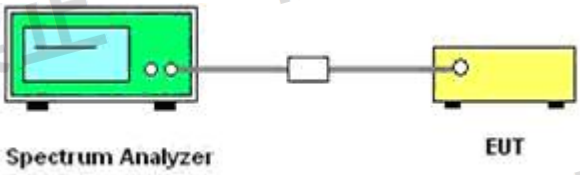
RBW: 1 MHz

VBW: 1 MHz

Detector: RMS

Trace Mode: Clear Write

5.2.4. Test Setup




5.2.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.2.6. Test Result

**PASS**

**Please refer to the Appendix B.2 for 2.4G WIFI RF Test Data.**

## 5.3. Occupied Frequency Bandwidth

### 5.3.1. Standard Applicable

Permissible value for occupied bandwidth using the FH system, a hybrid system combining DS and FH systems, or a hybrid system combining FH and OFDM systems shall be 83.5 MHz or less, while necessary bandwidth (minimum occupied bandwidth sufficient to ensure information transmission of required quality at a required transmission rate for the system used under specified conditions for a given emission type) using a system other than any of the above shall be 26 MHz or less.

### 5.3.2. Measuring Instruments

Please refer to section 9 of equipments list in this report.

### 5.3.3. Test Procedures

a. Set EUT work in test mode as described in clause 2.4.

b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test.

RBW/VBW= 300 KHz/300KHz for WIFI.

Span: Wide enough to cover the complete power envelope of the signal of the EUT.

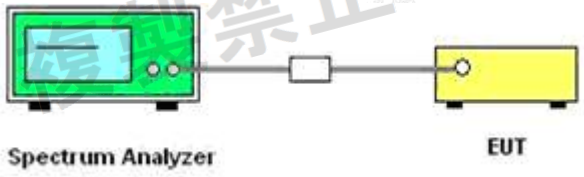
Sweep mode: Continuous sweeping.

Detector: Peak.

Trace Mode: Max Hold.

c. When the trace is complete, measure the occupied bandwidth (99% bandwidth) with spectrum analyzer's bandwidth measure function.

### 5.3.4. Test Setup Layout




### 5.3.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

### 5.3.6. Test Result of 99% Spectrum Bandwidth

**PASS**

**Please refer to the Appendix B.3 for 2.4G WIFI RF Test Data.**

## 5.4. Spread Bandwidth

### 5.4.1. Standard Applicable

In spread spectrum systems, spread bandwidth (which refers to a frequency bandwidth with an upper limit and lower limit such that each of the mean powers radiated above the upper frequency limit and below the lower frequency limit is equal to 5 % of the total mean power radiated; this also applies hereafter) shall be 500 kHz or more.

### 5.4.2. Measuring Instruments

Please refer to section 9 of equipments list in this report.

### 5.4.3. Test Procedures

a. Set EUT work in test mode as described in clause 2.4.

b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Centre Frequency: The centre frequency of the channel under test.

RBW/VBW= 300 KHz/300KHz for WIFI.

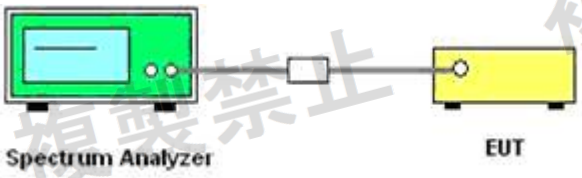
Span: Wide enough to cover the complete power envelope of the signal of the EUT.

Detector: Peak.

Trace Mode: Max Hold.

c. When the trace is complete, measure the occupied bandwidth (90% bandwidth) with spectrum analyzer's bandwidth measure function.

### 5.4.4. Test Setup Layout




### 5.4.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

### 5.4.6. Test Result of 90% Occupied Bandwidth.

**PASS**

**Please refer to the Appendix B.4 for 2.4G WIFI RF Test Data.**

## 5.5. Transmitter Spurious Emissions (conducted)

### 5.5.1. Standard Applicable

Permissible mean power of spurious emission of each frequency supplied to a feeder, that is, mean power of spurious emission in the 1 MHz bandwidth at frequency f other than frequency band used shall be as follows:

STD-T66

a. 30MHz - 1,000MHz 2.5 μW or less

b. 1,000MHz - 2,387MHz 2.5 μW or less

c. 2,387MHz - 2,400MHz and 2,483.5MHz - 2,496.5MHz 25 μW or less

d. 2,496.5MHz - 13GHz 2.5 μW or less

STD-T33

a. 2,458MHz ≤ f ≤2,471MHz and 2,497MHz < f ≤ 2,510MHz 25 μW or less

b. 2,458MHz > f and 2,510MHz < f 2.5 μW or less

--Note:SA set to from 2.4965GHz to 13GHz, plot shows from 2.497GHz to 13GHz as of SA's default format.

### 5.5.2. Measuring Instruments

Please refer to section 9 of equipments list in this report.

### 5.5.3. Test Procedures

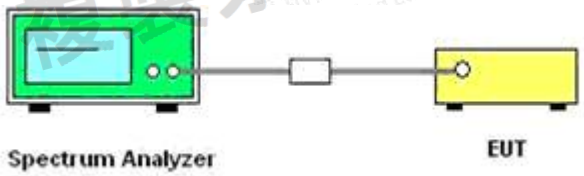
a. Set EUT work in test mode as described in clause 2.4.

b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Below 1GHz: RBW/VBW= 1MHz/ 1MHz
Above 1GHz: RBW/VBW= 1MHz / 1MHz.
Detector: Peak.
Trace Mode: Max Hold.

c. All the emissions from 30MHz to 13GHz were measured and record.

### 5.5.4. Test Setup Layout




### 5.5.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

### 5.5.6. Test Results

**PASS**

**Please refer to the Appendix B.5 for 2.4G WIFI RF Test Data.**

## 5.6. Carrier sensing function

### 5.6.1. Standard Applicable

| Item | Limits |
|---|---|
| Carrier Sense | Good – EUT stop RF transmission signal after carrier inject to EUT.<br>(On 22.79+Gr-20*log (f)[dBm] (Gr: dBi; f: MHz) or 100mV/m) |

### 5.6.2. Measuring Instruments

Please refer to section 9 of equipments list in this report. The following table is the setting of spectrum analyzer and receiver.

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| RB / VB | 1 MHz |
| Span | 0 MHz |
| Sweep | Continuous |
| Detector | Peak |
| Trigger mode | Video |

### 5.6.3. Test Procedures

1. SSG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SSG and power level is (On 22.79+Gr-20*log(f)[dBm] (Gr: dBi; f: MHz). Then turn off the RF signal of SSG.

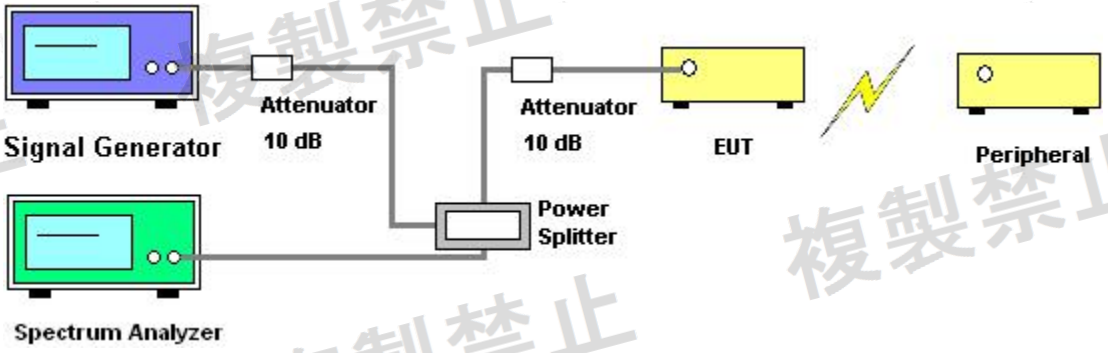
2. EUT have transmitted the maximum modulation signal and fixed channelize.

3. Setting of SA is following as: RB:1MHz / VB:1MHz / SPAN: 50MHz / AT: 10dB /Ref: 0dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak.

4. SSG RF Signal On.

5. EUT shall be stop the transmitted any signal and SSG RF Signal Off. Then EUT will be continuous transmitted signal.

### 5.6.4. Test Setup Layout




### 5.6.5. EUT Operation during Test

The EUT was programmed to be in normal transmitting mode.

5.6.6. Test Result

| Test Mode | Test Result |
|---|---|
| 802.11n(HT40) | Pass |

Note: 1.this test item only applies to those mode with bandwidth greater than 20MHz;

after a carrier signal 22.79+Gr-20*log(f)[dBm] was injected into EUT, it stopped transmission.

2. The EUT has three carriers in the test .

## 5.7. Interference prevention function

### 5.7.1. Standard Applicable

| Item | Limits |
|---|---|
| Identification code | ≧ 48 bits |

### 5.7.2. Measuring ID Code Software

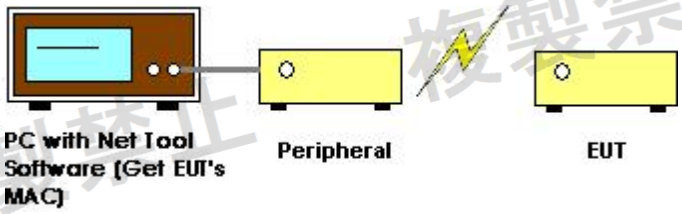
| PC with NetTool | Setting |
|---|---|
| MAC IP List | MAC Scan |

### 5.7.3. Test Procedures

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

### 5.7.4. Test Setup Layout




### 5.7.5. EUT Operation during Test

The EUT was programmed to be in normal transmitting mode.

### 5.7.6. Test Result

MAC Address: 28:A2:E1:DA:11C:6F

Complies.

## 5.8. Secondary Radiated Emissions

### 5.8.1. Standard Applicable

The limit on secondary emissions radiated from the receiving equipment within which the
function of other radio equipment will not be impaired shall be, in terms of the power of a
dummy antenna circuit that has the same electrical constant as the receiving antenna, 4nW or less at a frequency below 1 GHz and 20 nW or less at a frequency of 1 GHz or higher as measured using the circuit

### 5.8.2. Measuring Instruments

Please refer to section 9 of equipments list in this report.

### 5.8.3. Test Procedures

a. Set EUT work in test mode as described in clause 2.4.

b. Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Resolution BW: 100 KHz for frequency below 1GHz and

1MHz for frequency above 1GHz

Video BW: 100 KHz for frequency below 1GHz and

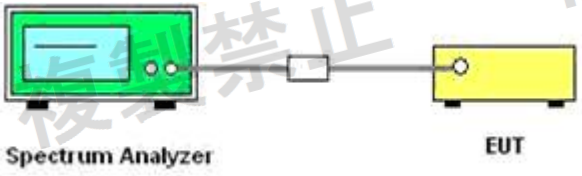
1MHz for frequency above 1GHz

Detector: Peak.

Trace Mode: Max Hold.

c. All the emissions from 30MHz to 13GHz were measured and record.

### 5.8.4. Test Setup




### 5.8.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

### 5.8.6. Test Results

**PASS**

**Please refer to the Appendix B.6 for 2.4G WIFI RF Test Data.**

# 6. PHOTOGRAPHS OF TEST SETUP

Please refer to separated files Appendix C for Test Setup Photographs

# 7. EXTERNAL PHOTOGRAPHS OF THE EUT

Please refer to separated files Appendix D for External Photos of EUT

# 8. INTERNAL PHOTOGRAPHS OF THE EUT

Please refer to separated files Appendix E for Internal Photos of EUT

# 9. LIST OF MEASURING EQUIPMENTS

| Item | Equipment | Manufacturer | Model No. | Serial No. | Cal Date | Due Date |
|---|---|---|---|---|---|---|
| 1 | Power Meter | R&S | NRVS | 100444 | 2025-05-22 | 2026-05-21 |
| 2 | Power Sensor | R&S | NRP-Z81 | 100458 | 2025-05-22 | 2026-05-21 |
| 3 | Power Sensor | R&S | U2021 | 10057 | 2025-05-22 | 2026-05-21 |
| 4 | Test Software | Tonscend | JS1120-2 | / | N/A | N/A |
| 5 | RF Control Unit | Tonscend | JS0806-2 | / | 2025-11-07 | 2026-11-06 |
| 6 | MXA Signal Analyzer | Agilent | N9020A | MY49100699 | 2025-05-22 | 2026-05-21 |
| 7 | MXA Signal Analyzer | Agilent Technologies Inc. | N9020A | MY49100699 | 2025-05-22 | 2026-05-21 |
| 8 | DC Power Supply | Agilent | E3642A | N/A | 2025-09-27 | 2026-09-26 |
| 9 | Oscilloscope | Tektronix | 46084A/4609A | 140920 | 2025-05-22 | 2026-05-21 |
| 10 | Signal Generator | Agilent | N5182A | MY47071151 | 2025-05-22 | 2026-05-21 |

Note: Calibration by the calibration agencies listed in the table corres pond to paragraph 4 (ii) (c) of Article 24-2 in the Radio Law.

Calibration Agencies: Guangzhou LiSai Metrology & Test Co., Ltd.

☐ (a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18-1 of the Radio Act.

☐ (b) Calibration conducted based on the regulations of Article 135 or 144 of the Measurement Act.

☒ (c) Calibration conducted in foreign countries, which is equivalent to calibration conducted by the NICT or a designated calibration agency under Article 102-18-1 of the Radio Act.

☐ (d) Calibration, etc. conducted by using measuring instruments and other facilities listed at the bottom of appended table 3 of the Radio Act, which is to have been calibrated as described in (a) through (c) above.

----------THE END OF REPORT----------