



## RADIO TEST REPORT

For

APPLE TREE Co., Ltd.

3D Printer

Test Model: Guider 3 Plus

Prepared for : APPLE TREE Co., Ltd.  
Address : 4-5-9 Nippombashi, Naniwa-ku, Osaka-shi, Osaka,  
Japan

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.  
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Date of receipt of test sample : March 03, 2023  
Number of tested samples : 2  
Serial number : Prototype  
Date of Test : March 03, 2023 ~ March 20, 2023  
Date of Report : March 20, 2023



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**RADIO TEST REPORT****MIC Notice No.88 Appendix No.43**

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

**Report Reference No. .... : LCSA022323008EA**

Date of Issue..... : March 20, 2023

**Testing Laboratory Name..... : Shenzhen LCS Compliance Testing Laboratory Ltd.**

Address..... : Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

Testing Location/ Procedure ... : Full application of Harmonised standards ■  
Partial application of Harmonised standards □  
Other standard testing method □**Applicant's Name..... : APPLE TREE Co., Ltd.**

Address..... : 4-5-9 Nippombashi, Naniwa-ku, Osaka-shi, Osaka, Japan

**Test Specification**

Standard ..... : MIC Notice No.88 Appendix No.43

**Test Report Form No. .... : LCSEMC-1.0**

TRF Originator ..... : Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF ..... : Dated 2011-03

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**Test Item Description. .... : 3D Printer**

Trade Mark ..... : N/A

Test Model ..... : Guider 3 Plus

Ratings..... : Input: 100-240V~ 50/60Hz 650W Max

Result ..... : **Positive****Compiled by:**

Kay Hu/ Administrator

**Supervised by:**

Cary Luo / Technique principal

**Approved by:**

Gavin Liang/ Manager



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## RADIO -- TEST REPORT

**Test Report No. : LCSA022323008EA**March 20, 2023

Date of issue

Test Model ..... : Guider 3 Plus

EUT..... : 3D Printer

**Applicant..... : APPLE TREE Co., Ltd.**

Address..... : 4-5-9 Nippombashi, Naniwa-ku, Osaka-shi, Osaka, Japan

Telephone..... : /

Fax..... : /

**Manufacturer..... : Zhejiang Flashforge 3D Technology Co., Ltd.**

Address..... : 2/F, No. 518 Xianyuan Road, Jinhua, China

Telephone..... : /

Fax..... : /

**Factory..... : Zhejiang Flashforge 3D Technology Co., Ltd.**

Address..... : 2/F, No. 518 Xianyuan Road, Jinhua, China

Telephone..... : /

Fax..... : /

**Test Result****Positive**

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.



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### Revision History

| Report Version | Issue Date     | Revision Content | Revised By |
|----------------|----------------|------------------|------------|
| 000            | March 20, 2023 | Initial Issue    | ---        |
|                |                |                  |            |
|                |                |                  |            |



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## 1. GENERAL INFORMATION

### 1.1. Description of Device (EUT)

EUT : 3D Printer  
Test Model : Guider 3 Plus  
Power Supply : Input: 100-240V~ 50/60Hz 650W Max  
Hardware Version : FFP0236\_Main\_Board\_V1.0.4\_2023-2-4  
Software Version : V1.3.0

#### WIFI (2.4G Band)

Frequency Range : 2412-2472MHz for 802.11b/g/n(HT20)  
2422-2462MHz for 802.11n(HT40)  
Channel Spacing : 5MHz  
Channel Number : 13 Channel for 802.11b/g/n(HT20)(2412~2472MHz)  
9 channels for 802.11n(HT40) (2422~2462MHz)  
Modulation Type : 802.11b: DSSS; 802.11g/n: OFDM  
Declared Antenna Power : 802.11b: 7.0mW/MHz  
802.11g: 8.0mW/MHz  
802.11n(HT20): 7.0mW/MHz  
802.11n(HT40): 3.0mW/MHz  
Antenna Description : Internal Antenna, 3.2dBi(Max.)

#### WIFI (5.2G Band)

Frequency Range : 5180-5240MHz  
Channel Number : 4 Channel for 20MHz bandwidth(5180-5240MHz)  
2 Channel for 40MHz bandwidth(5190-5230MHz)  
1 Channel for 80MHz bandwidth(5210MHz)  
Modulation Type : 802.11a/n/ac: OFDM (256QAM, 64QAM, 16QAM, QPSK,  
BPSK)  
Declared Antenna Power : 802.11a: 0.4mW/MHz  
802.11n(HT20): 0.2mW/MHz  
802.11n(HT40): 0.2mW/MHz  
802.11ac(VHT20): 0.2mW/MHz  
802.11ac(VHT40): 0.2mW/MHz  
802.11ac(VHT80): 0.1mW/MHz  
Antenna Description : Internal Antenna, 1.7dBi(Max.)



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## 1.2. Host System Configuration List and Details

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

## 1.3. External I/O Cable

| I/O Port Description | Quantity | Cable |
|----------------------|----------|-------|
| USB Port             | 1        | N/A   |
| LAN Port             | 1        | N/A   |

## 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.



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### 1.5. Test Conditions

|                   |   |           |
|-------------------|---|-----------|
| Temperature Range | : | 21-25°C   |
| 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           | --      | --             |



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## 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 Version 3.7/2014.

### 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 Method     | RTL11ac_8821CU |         |         |
|-----------------|----------------|---------|---------|
| 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<br>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<br>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 5V          | DC 5.5V                             | DC 4.5V                            |
| Output To RF Module      | DC 3.3V        | DC 3.3V                             | DC 3.3V                            |
| Voltage Variation (%)    | --             | --                                  | --                                 |

Note:

As the EUT was powered by DC 5V, and with the voltage stabilizing circuit used, the chip voltage received floating not exceed  $\pm 1\%$  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.



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#### 4. SUMMARY OF TEST RESULTS

MIC Notice No.88 Appendix No.43 Article 2 Paragraph 1 Item 19

| Clause              | Description of Test<br>(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<br>(EIRP Antenna Power)  | PASS   |
| 11                  | Transmission Radiated Angle Width (3dB Beam width) | N/A    |
| 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 3D Printer.



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## 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 6 of equipments list in this report.

#### 5.1.3. Test Procedures

- Set EUT work in test mode as described in clause 2.4.
- 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: 1.0 KHz.

Video BW: 30 KHz.

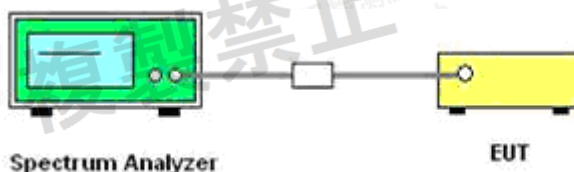
Span: 300kHz.

Detector: Peak.

Trace Mode: Max Hold.

- 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

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



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## 5.2. Antenna Power and EIRP

### 5.2.1. Standard Applicable

| Type               | Limit     |
|--------------------|-----------|
| DTS                | 10mW      |
| OFDM OBW<26MHz, DS | 10mW/MHz  |
| OFDM OBW 26-40MHz  | 5mW/MHz   |
| Tolerance          | +20%,-80% |

### 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<br>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 6 of equipments list in this report.

### 5.2.3. Test Procedures

- Set EUT work in test mode as described in clause 2.4.
- 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: 1MHz.

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.

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



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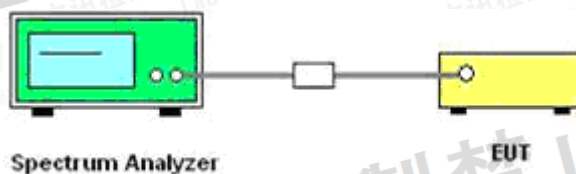
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#### 5.2.4. Test Setup



#### 5.2.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

#### 5.2.6. Test Result

**Please refer to the Appendix A.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 6 of equipments list in this report.

#### 5.3.3. Test Procedures

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

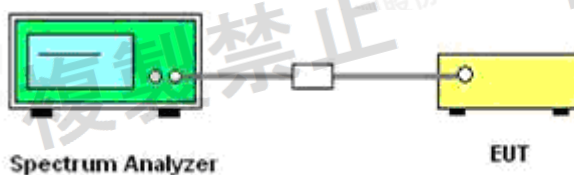
Sweep mode: Continuous sweeping.

Detector: Peak.

Trace Mode: Max Hold.

- 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

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



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## 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 6 of equipments list in this report.

### 5.4.3. Test Procedures

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

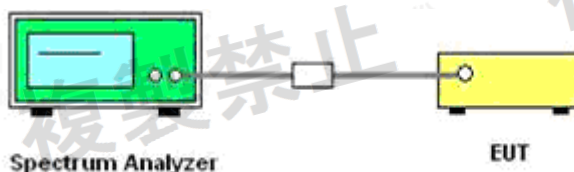
Span: Wide enough to cover the complete power envelope of the signal of the EUT.

Detector: Peak.

Trace Mode: Max Hold.

- 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.

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



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## 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                                | 0.25 $\mu$ W or less |
| b. 1,000MHz - 2,387MHz                             | 2.5 $\mu$ W or less  |
| c. 2,387MHz - 2,400MHz and 2,483.5MHz - 2,496.5MHz | 25 $\mu$ W or less   |
| d. 2,496.5MHz - 13GHz                              | 2.5 $\mu$ W or less  |

#### STD-T33

- |   |                     |
|---|---------------------|
| a. $2,458\text{MHz} \leq f \leq 2,471\text{MHz}$ and $2,497\text{MHz} < f \leq 2,510\text{MHz}$ | 25 $\mu$ W or less  |
| b. $2,458\text{MHz} > f$ and $2,510\text{MHz} < f$  | 2.5 $\mu$ W or less |

### 5.5.2. Measuring Instruments

Please refer to section 6 of equipments list in this report.

### 5.5.3. Test Procedures

- Set EUT work in test mode as described in clause 2.4.
- Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Below 1GHz: RBW/VBW= 100KHz/ 100KHz

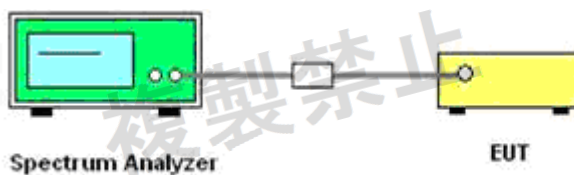
Above 1GHz: RBW/VBW= 1MHz / 1MHz.

Detector: Peak.

Trace Mode: Max Hold.

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

### 5.5.4. Test Setup Layout



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#### 5.5.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

#### 5.5.6. Test Results

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

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





## 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

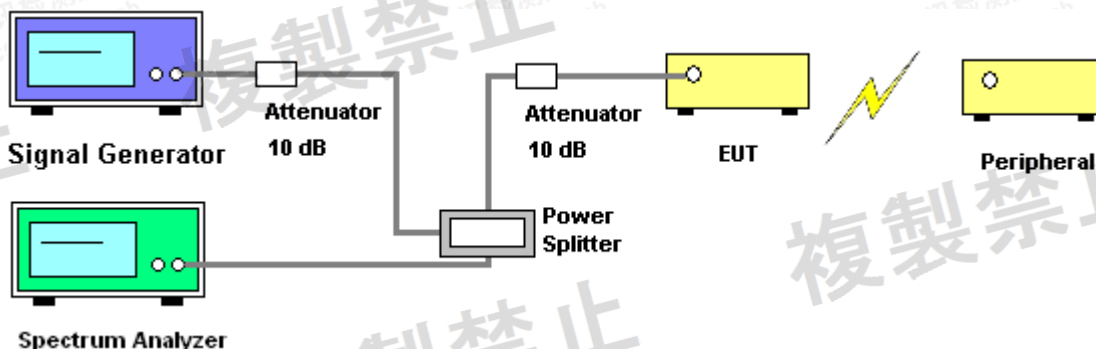
Please refer to section 6 of equipments list in this report. The following table is the setting of spectrum analyzer and receiver.

| 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.



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#### 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 | $\geq$ 48 bits |

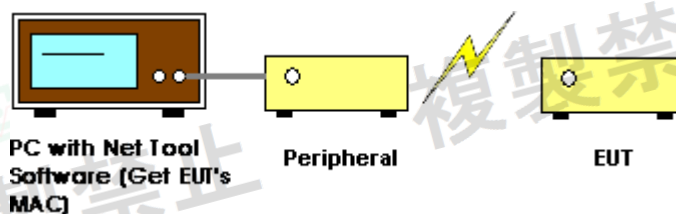
### 5.7.2. Measuring ID Code Software

| 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: 60:A7:E1:DB:11B:2B

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 6 of equipments list in this report.

### 5.8.3. Test Procedures

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

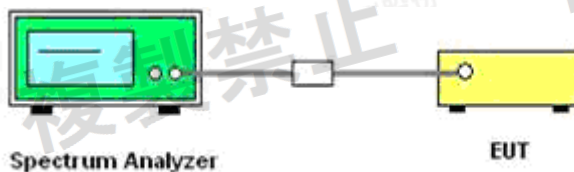
1MHz for frequency above 1GHz

Detector: Peak.

Trace Mode: Max Hold.

- 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

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



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## 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     | 2022-06-16 | 2023-06-15 |
| 2    | Power Sensor        | R&S          | NRV-Z81      | 100458     | 2022-06-16 | 2023-06-15 |
| 3    | Power Sensor        | R&S          | NRV-Z32      | 10057      | 2022-06-16 | 2023-06-15 |
| 4    | MXA Signal Analyzer | Agilent      | N9020A       | MY49100060 | 2022-10-29 | 2023-10-28 |
| 5    | DC Power Supply     | Agilent      | E3642A       | N/A        | 2022-10-29 | 2023-10-28 |
| 6    | Oscilloscope        | Tektronix    | 46084A/4609A | 140920     | 2022-08-16 | 2023-08-15 |
| 7    | Signal Generator    | Agilent      | N5182A       | MY47071151 | 2022-06-16 | 2023-06-15 |

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



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