



## Shenzhen Huaxia Testing Technology Co., Ltd.

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# TEST REPORT

**Application No.:** CQASZ20200600517E  
**Applicant:** BRYDGE TECHNOLOGIES LLC  
**Address of Applicant:** 1912 Sidewinder Dr#104, Park City, UT 84060 U.S.A  
**Manufacturer:** BRYDGE TECHNOLOGIES LLC  
**Address of Manufacturer:** 1912 Sidewinder Dr#104, Park City, UT 84060 U.S.A  
**Factory:** Dongguan Maetay Electronics CO., Ltd.  
**Address of Factory:** Beihuanlu Road Industrial Area, Changping Town, Dongguan City, Guangdong Province, China.  
**Equipment Under Test (EUT):**  
**Product:** Bluetooth Keyboard  
**Model No.:** BRYTP602N  
**Brand Name:** BRYDGE  
**Standards:** Item 19 of Article 2 Paragraph 1  
**Date of Test:** 2020-06-09 to 2020-07-15  
**Date of Issue:** 2020-07-15  
**Test Result :** PASS

**Tested By:**

Tom Chen.

(Tom Chen)

**Reviewed By:**

Sheek, Luo

(Sheek Luo)

**Approved By:**

Jack Ai

( Jack Ai)



\* In the configuration tested, the EUT complied with the standards specified above.

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.

## 1 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2020-07-15		Original

## 2 Test Summary

Test	Test Requirement	Limit/Severity	Result
Antenna Requirement	Item 19 of Article 2-1	Notice 88 Appendix 43,B-1 (1)&(2)	PASS
Test frequency	Item 19 of Article 2-1	Notice 88 Appendix 43, A-3	PASS
Frequency Error	Item 19 of Article 2-1	±50 PPM or less	PASS
Occupied Bandwidth	Item 19 of Article 2-1	26 MHz or less	PASS
Spread-spectrum Bandwidth	Item 19 of Article 2-1	500 kHz or more	PASS
Antenna Power	Item 19 of Article 2-1	10 mW or less Error+20% -80%	PASS
Spurious Emission of Tx	Item 19 of Article 2-1	(1) Below 2387 MHz: 2.5μW (2) 2387 to 2400 MHz: 25μW (3) 2483.5 through 2496.5 MHz: 25μW (4) Over 2496.5 MHz: 2.5μW	PASS
Interference prevention capability	Item 19 of Article 2-1	Notice 88 Appendix 43, 44, 45	PASS
RF accessibility	Item 19 of Article 2-1	Article 49-20, paragraph 1 (a)	PASS
Spurious Emission of Rx	Item 19 of Article 2-1	(1) Below 1 GHz: 4nW (2) 1 GHz or higher: 20nW	PASS
<b>Remark:</b> EUT: In this whole report EUT means Equipment Under Test. Tx: In this whole report Tx (or tx) means Transmitter. Rx: In this whole report Rx (or rx) means Receiver. RF: In this whole report RF means Radio Frequency.			

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## 4 General Information

### 4.1 General Description of E.U.T.

Product Name: Bluetooth Keyboard  
Model No.: BRYTP602N  
Trade Mark: BRYDGE

### 4.2 Details of E.U.T.

Operating Frequency: 2402 MHZ to 2480 MHZ  
Type of Modulation: GFSK  
Number of Channels: 40 Channels  
Bluetooth Version: V5.0  
Hardware Version: V1.1  
Software Version: V0.3  
Antenna Type: PCB antenna  
Antenna gain: 1.87dBi  
Rated power: 0.352mW  
Speciality: BLE  
Sample Type: Portable product  
Power Supply: lithium battery: DC 3.85V, 900mAh, Charge by DC 5V



### 4.3 Description of Support Units

The EUT has been tested independently.

Description	Manufacturer	Model No.	Remark
PC	Lenovo	Lenovo ideapad 100-14IBY	Provide by lab
Mouse	Lenovo	KM040	Provide by lab
AC/DC Adapter	Lenovo	PA-1450-55LN	Provide by lab

### 4.4 Deviation from Standards

None.

### 4.5 Abnormalities from Standard Conditions

None.

### 4.6 Other Information Requested by the Customer

None.

### 4.7 Test Location

All tests were performed at:

Shenzhen Huaxia Testing Technology Co., Ltd.

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua District, Shenzhen, China

## 4.8 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **CNAS (No. CNAS L5785)**

CNAS has accredited Shenzhen Huaxia Testing Technology Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

- **ISED Registration No.: 22984-1**

The 3m Semi-anechoic chamber of Shenzhen Huaxia Testing Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing

- **A2LA (Certificate No. 4742.01)**

Shenzhen Huaxia Testing Technology Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4742.01.

## 5 Equipment List

MIC Test Equipment List						
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date	Cal. Due Date	Remark
Humi/ Temp Indicator	VICTOR	VC330	CQA-S070	2019/9/25	2020/9/24	-
Spectrum Analyzer	Rohde & Schwarz	FSU26	CQA-038	2019/10/25	2020/10/24	-
Spectrum Analyzer	Rohde & Schwarz	FSV40	CQA-075	2020/6/11	2021/6/10	-
DC Power Supply	KEYSIGHT	E3631A	CQA-028	2019/9/26	2020/9/25	-
Multi Meter	Fluke	15B	CQA-S011	2019/9/25	2020/9/24	-
iPhone 6s	Apple	A1688	FK1QJUUSGRYD	-	-	Certificate number: [T] ADF1500990 03 [R]003-15013 2
Signal generator	ANRITSU	MG3692B	CQA-019	2019/9/25	2020/9/24	-

Remark:

- (a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.
- (b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No. 51 of 1992) .
- (c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
- (d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c).

From JRL Article 24-2, paragraph 4, Item 2

**Notice: Calibration duration for above equipments is 1 year.**



## 6 Test Results

### 6.1 Radio Technical Requirements Specification

**Table 1: Radio Technical Requirements Specification for 2.4 GHz band wide-band low-power data communication system (Item 19 of Article 2-1)**

Items	Technical standard
Assigned frequency or designated frequency	2400-2483.5MHz
Communication method	One-way communication, simplex, semi-duplex, or duplex operation of digital signal transmission including spread spectrum
Tolerance of frequency ( $\times 10^{-6}$ )	$\pm 50$
Tolerance of occupied bandwidth	FH: 83.5MHz or less FH + DS: 83.5MHz or less FH + OFDM: 83.5MHz or less OFDM: 38MHz or less Others: 26MHz or less
Antenna power	Designated value (1) FH, FH+DS, FH+OFDM: 3mW/MHz (used in the range of 2427 - 2470.75 MHz) (2) OFDM, DS other than (1) 10mW/MHz (3) Other than (1) & (2) 10mW (4) OFDM OBW 26 - 38MHz: 5mW/MHz Tolerance: +20%, -80%
Antenna gain	1) 12.14 dBi or less in principle 2) In case of directional antenna (1) FH, FH+DS or FH+OFDM using 2427-2470.75 MHz EIRP $\leq$ 16.91 dBm/MHz (2) OFDM or DS other than (1) EIRP $\leq$ 22.14 dBm/MHz (3) Other than (1) and (2): 22.14 dBm or less (4) OFDM OBW 26 - 38MHz: 19.14dBm/MHz (5) Half-power angle of directional antenna (e) in case of the item 2): $e \leq 360/A$ (The A is 10 in maximum.)
Tolerance of spurious emission intensity	(1) Below 2387 MHz: 2.5 $\mu$ W (2) 2387 to 2400 MHz: 25 $\mu$ W (3) 2483.5 through 2496.5 MHz: 25 $\mu$ W (4) Over 2496.5 MHz: 2.5 $\mu$ W
Spreading bandwidth	DS, FH, FH+DS, FH+OFDM: 500kHz or more
Spreading rate of spectrum	For DS system: (Spreading bandwidth) / (Frequency corresponding to transmission rate) $\geq 5$
Limit of secondary radiated	(1) Below 1 GHz: 4nW

emissions	(2) 1 GHz or higher: 20nW
Interference prevention function	Shall have the function of automatic transmission and reception of identification sign.
Structure	Shall be of the structure that the RF and modulator sections excluding antenna cannot easily be opened.
Note	DS: Direct spread FH: Frequency hopping OFDM: Orthogonal frequency division multiplexing

## 6.2 E.U.T. Test Conditions

**Power Supply:** lithium battery: DC 3.85V, 900mAh, Charge by DC 5V

別表第四十三 証明規則第2条1項第19号に掲げる無線設備の試験方法

No. 43 - Proof rule article 2, paragraph 1, section 19  
Test method of Radio Equipment

### 1. General (Common)

#### 1) Environment of test site

Keep the temperature and humidity of test room in the normal temperature and humidity range as regulated in JIS Z 8703:

#### 2) Power supply voltage

##### (1) Characteristic test in Certificate of technical conformity

Supply the rated voltage to power supply.

##### (2) Other

Supply the rated voltage and the rated voltage  $\pm 10\%$  to power supply. However,

If the fluctuation of input voltage to the circuit of RF unit (except power supply) of test equipment is under  $\pm 1\%$ , when input voltage from external power supply to the test equipment is fluctuated by  $\pm 10\%$ : Conduct the test with the rated voltage only.

If the test equipment is designed to operate only by the particular fluctuation range (the range of fluctuation of power supply voltage is within  $\pm 10\%$ ), and the upper/lower limit of the particular fluctuation range is specified in the construction design specification: Conduct the test with the rated voltage and with the upper/lower limit of the particular fluctuation range.

The measurement result of the voltage fluctuation at RF circuit when DC3.7V  $\pm 10\%$ .

DC Input	DC3V3
3.465V	3.301V
3.85V	3.300V
4.235V	3.299V

**Temperature:** 5 -35.0 °C

**Humidity:** 45-85 % RH

**Atmospheric Pressure:** 1000 -1010 mbar

**Test Frequencies:** If the EUT can be set to 3 of more different (carrier) frequencies in 1 allocated band, testing shall be performed using the Lowest, Middle and the Highest frequency (L, M and H). If there are 2 or fewer frequencies, testing shall be performed with the available frequencies.

**Operation Frequency each of channel**

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
2	2406MHz	12	2426MHz	22	2446MHz	32	2466MHz
3	2408MHz	13	2428MHz	23	2448MHz	33	2468MHz
4	2410MHz	14	2430MHz	24	2450MHz	34	2470MHz
5	2412MHz	15	2432MHz	25	2452MHz	35	2472MHz
6	2414MHz	16	2434MHz	26	2454MHz	36	2474MHz
7	2416MHz	17	2436MHz	27	2456MHz	37	2476MHz
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz

Test frequencies are the lowest channel: 0 channel(2402MHz), middle channel: 19 channel(2440MHz) and the highest channel:39 channel(2480 MHz).



### 6.3 Test Environment

Operating Environment:	
Temperature:	28.2 °C
Humidity:	61 % RH
Atmospheric Pressure:	1009 mbar

### 6.4 Antenna Requirement

#### Standard requirement

Applicable for equipment with an antenna terminal, including testing terminals) If an antenna connector is available, all relevant tests will be carried out conducted. If not, tests will be carried out in an anechoic room or with a suitable test-fixture.

#### EUT Antenna



The EUT with PCB antenna, the best case gain of the antenna is 1.87dBi.

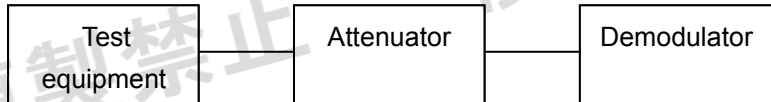
Result: An antenna connector is available, all relevant tests will be carried out conducted.



## 6.5 Interference Prevention Function

1) Measurement system diagram

(1) When transmitting identification code



2) Condition of measuring instrument

(1) Demodulator must be able to demodulate the transmitting signal emitted by test equipment and to indicate the identification code.

3) Condition of test equipment The mode of normal use.

4) Measuring operation procedure

(1) When test equipment has the function to transmit identification code automatically:

A) Transmit the predetermined identification code from test equipment.

B) Confirm the transmitted identification code by demodulator.

E2:A7:32:70:B1:CE

5) Test result: The unit does meet the requirements (Good).

Test result: The unit does meet the requirements.

PASS

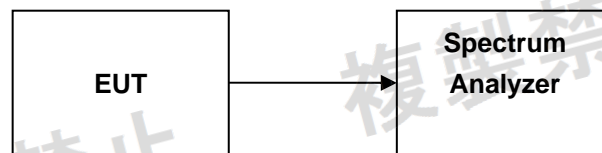
## 6.6 Frequency Error

Test Requirement: Item 19 of Article 2-1  
Tolerance of frequency:  $\pm 50 \times 10^{-6}$

Text Method: MIC Notice No.88 Appendix No.43

Test Status: Test the EUT in transmitting mode without modulation.

Test Configuration:



Test Procedure:

1. Test Conditions:  
Spectrum Analyzer is used for measurement.
2. EUT conditions:  
Modulation/Spread/Hopping OFF, CW Tx
3. Spectrum Analyzer conditions:  
Frequency: Test Frequency  
Span 1MHz  
RBW 10 kHz (Modulation OFF),  
VBW 10 kHz (Modulation OFF),  
Sweep Time Auto  
Detector mode Positive peak  
Indication mode Max hold

**Test Result:**

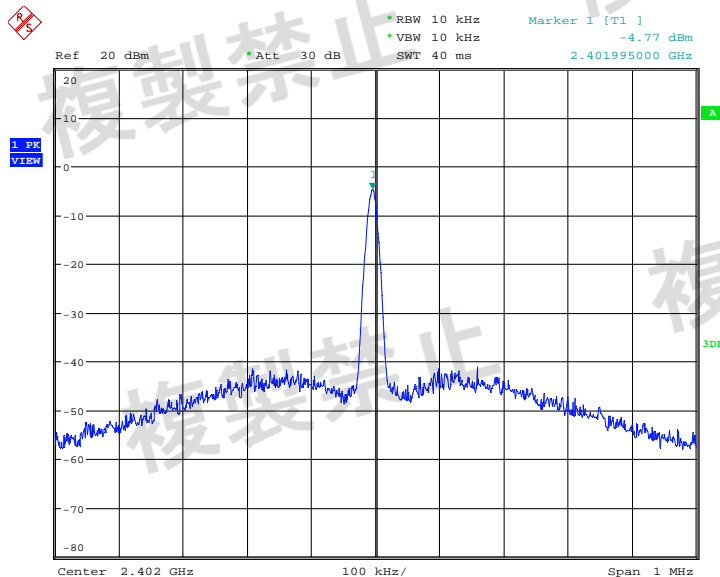
Test channel	Test Frequency (MHz)	Test Result			Unit	Limit
		Normal Voltage	High Voltage	Low Voltage		
		3.85V DC	4.235V DC	3.465V DC		
Lowest	2402.0	2401.995	N/A	N/A	MHz	±50 PPM or less
		-2.082	N/A	N/A	PPM	
Middle	2440.0	2439.995	N/A	N/A	MHz	
		-2.049	N/A	N/A	PPM	
Highest	2480.0	2479.995	N/A	N/A	MHz	
		-2.016	N/A	N/A	PPM	

Note: The nominal frequency shall be confirmed by the applicant and test lab.

**Result plot as follows:**

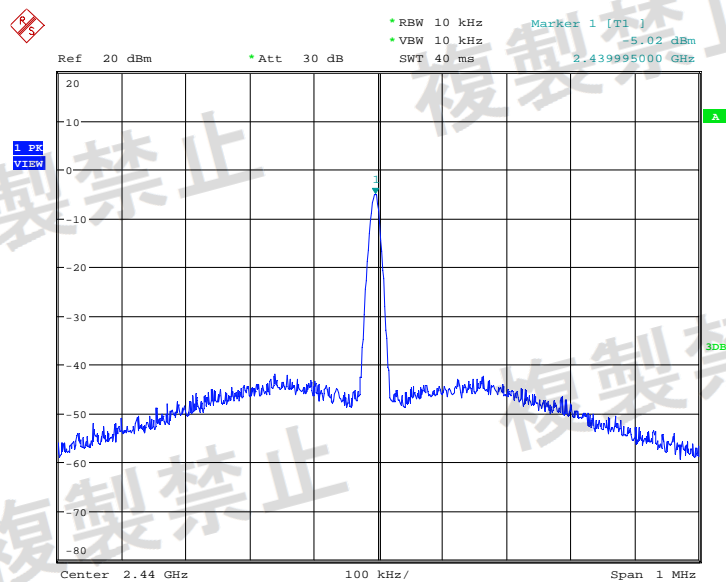
**Normal Voltage:DC3.85V**

Channel 0: 2.402 GHz:



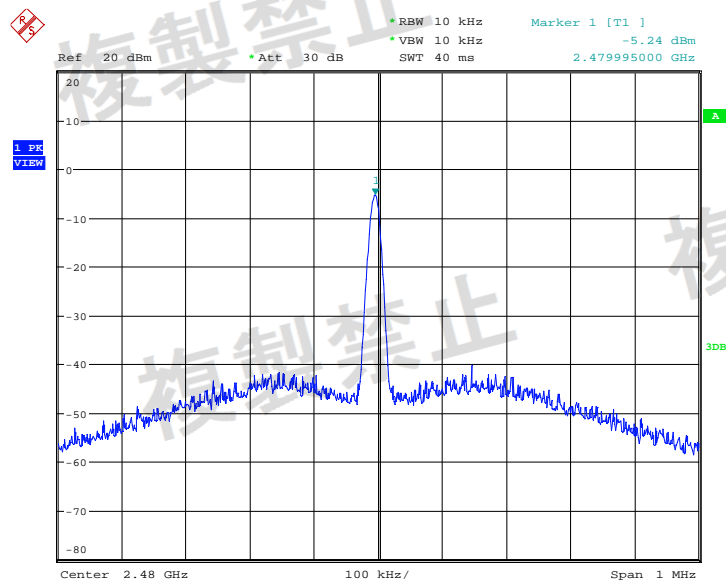
Date: 30.JUN.2020 09:02:01

Channel 19: 2.440 GHz:



Date: 30.JUN.2020 09:02:45

Channel 39: 2.480 GHz



Date: 30.JUN.2020 09:03:17

**Test Result: The unit does meet the requirements.**

## 6.7 Occupied Bandwidth (99%)

Test Requirement:	Item 19 of Article 2-1 26MHz or less
Text Method:	MIC Notice No.88 Appendix No.43
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Test Configuration:	



### Test Procedure:

1. Test Conditions:  
Spectrum Analyzer is used for measurement.
2. EUT conditions:  
Modulation/Spread/Hopping ON, Modulation Tx  
For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.
3. Spectrum Analyzer conditions:  
Frequency: Lowest, Middle and Highest Test Frequency  
Span 10 MHz  
RBW 300 KHz  
VBW 300 KHz  
Sweep Time Auto  
detector mode Positive peak  
Indication mode Max hold  
OBW 99%



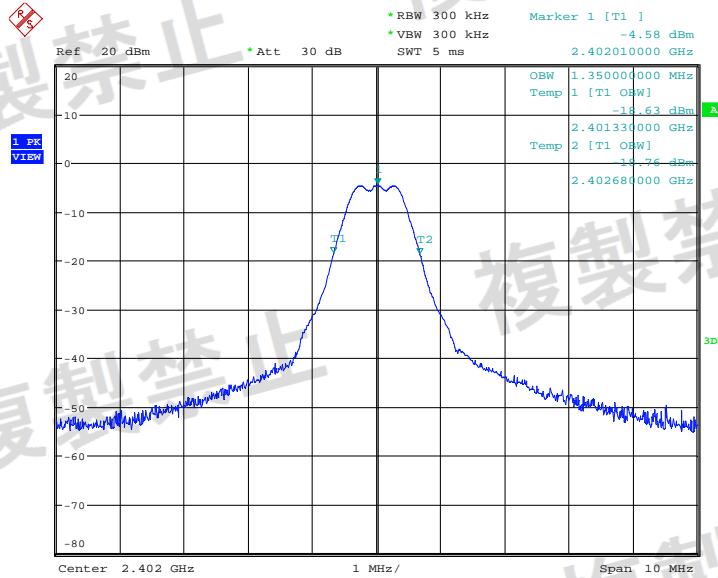
**Test Result:**

Test channel	Test Frequency (MHz)	Test Result			Unit	Limit
		Normal Voltage	High Voltage	Low Voltage		
		3.85V DC	4.235V DC	3.465V DC		
Lowest	2402	1.35	N/A	N/A	MHz	26 MHz or less
Middle	2440	1.35	N/A	N/A	MHz	26 MHz or less
Highest	2480	1.36	N/A	N/A	MHz	26 MHz or less

Result plot as follows:

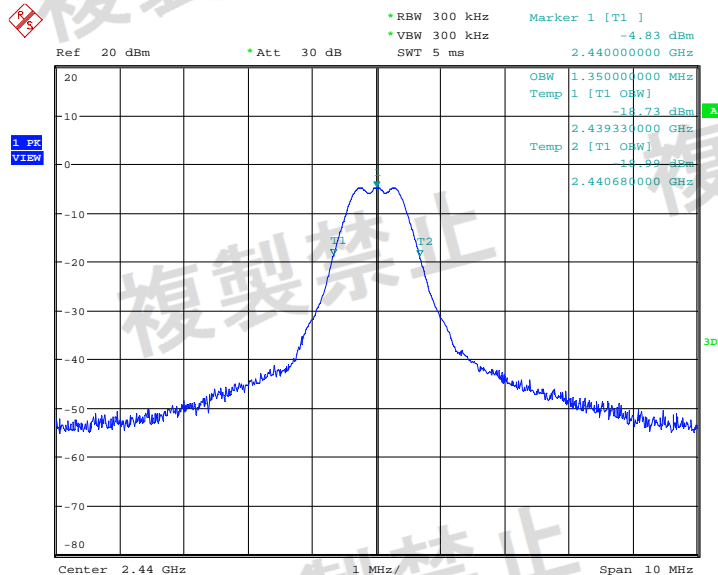
Normal Voltage:DC3.85V

Channel 0 (2.402 GHz)



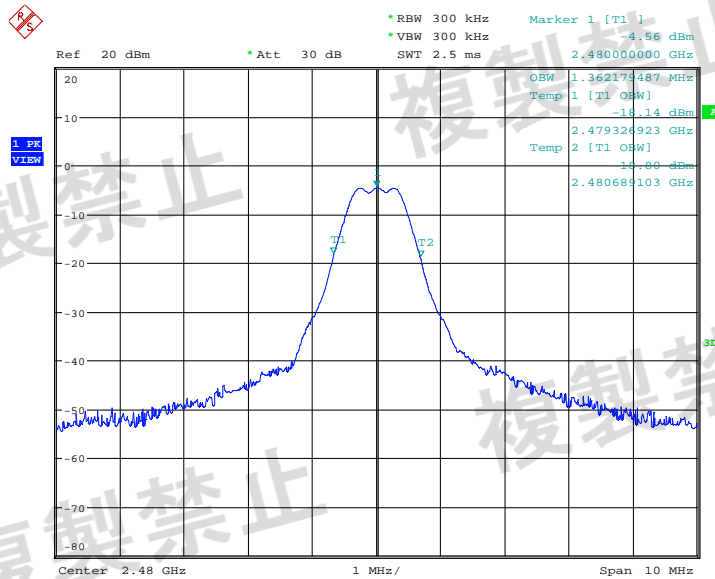
Date: 30.JUN.2020 09:08:27

Channel 19 (2.440GHz)



Date: 30.JUN.2020 09:09:10

Channel 39 (2.480GHz)



Date: 18.JUN.2020 11:21:14

**Test Result: The unit does meet the requirements.**

## 6.8 Spread spectrum Bandwidth (90%)

Test Requirement:	Item 19 of Article 2-1 500 kHz or more
Text Method:	MIC Notice No.88 Appendix No.43
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Test Configuration:	



### Test Procedure:

1. Test Conditions:  
Spectrum Analyzer is used for measurement.
2. EUT conditions:  
Modulation/Spread/Hopping ON, Modulation Tx  
For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.
3. Spectrum Analyzer conditions:  
Frequency: Lowest, Middle and Highest Test Frequency  
Span 10 MHz  
RBW 300 KHz  
VBW 300 KHz  
Sweep Time Auto  
detector mode Positive peak  
Indication mode Max hold  
OBW 99%

**Test Result:**

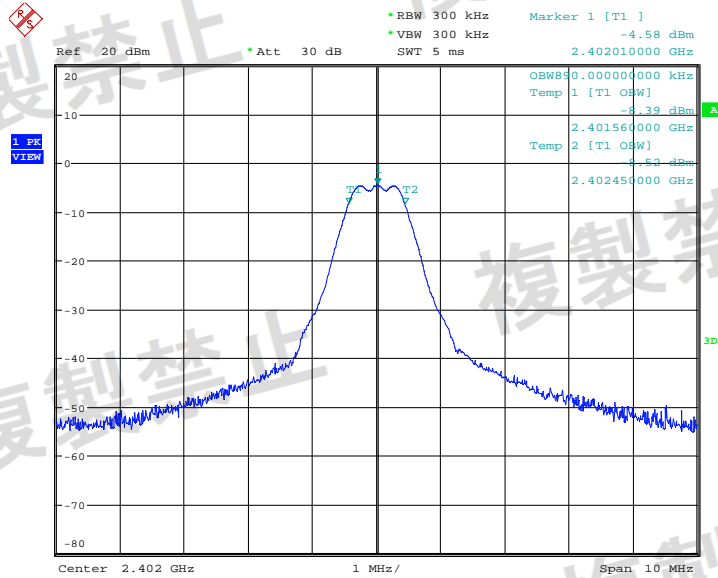
Test channel	Test Frequency (MHz)	Test Result			Unit	Limit
		Normal Voltage	High Voltage	Low Voltage		
		3.85V DC	4.235V DC	3.465V DC		
Lowest	2402	890	N/A	N/A	KHz	500 kHz or more
Middle	2440	890	N/A	N/A	KHz	500 kHz or more
Highest	2480	881	N/A	N/A	KHz	500 kHz or more



Result plot as follows:

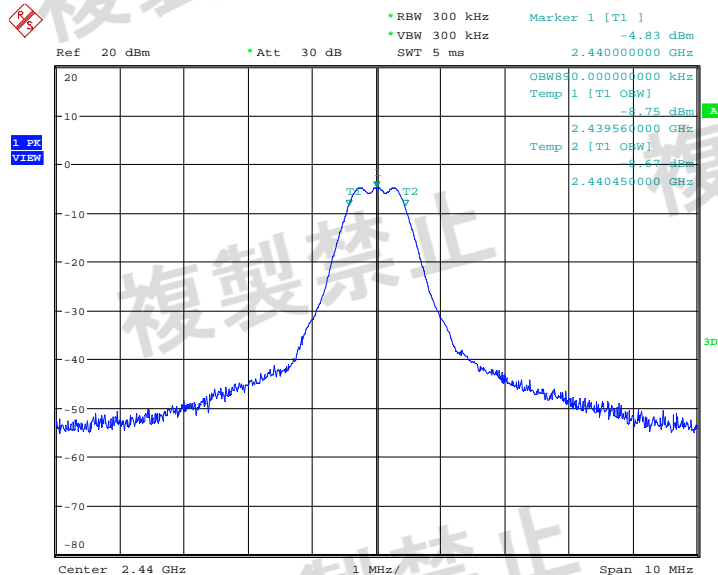
Normal Voltage:DC3.85V

Channel 0 (2.402 GHz)



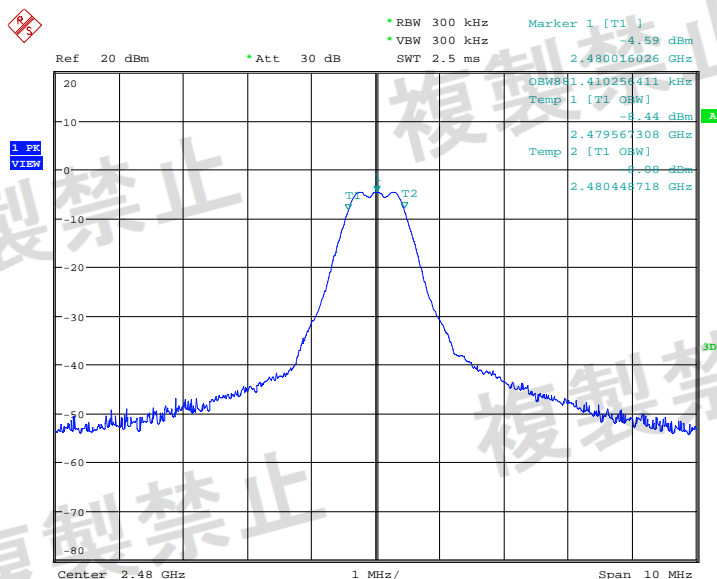
Date: 30.JUN.2020 09:08:17

Channel 19 (2.440GHz)



Date: 30.JUN.2020 09:09:21

Channel 39 (2.480GHz)



Date: 15.JUL.2020 13:41:47

Test Result: The unit does meet the requirements.

## 6.9 Antenna Power

Test Requirement:

Item 19 of Article 2-1

Text Method:

MIC Notice No.88 Appendix No.43

Test Status:

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

Test Configuration:



Test Procedure:

1. Test Conditions:

Spectrum Analyzer is used for measurement.

2. EUT conditions:

Modulation/Spread/Hopping ON, Modulation Tx

For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.

3. Spectrum Analyzer conditions:

Frequency: Test Frequency

Span 25 MHz

RBW 3 MHz

VBW 3 MHz

Sweep Time Auto

detector mode Positive peak

Indication mode Max hold

**Test Result:**

Test channel	Test Frequency (MHz)	Test Result			Unit	Limit
		Normal Voltage	High Voltage	Low Voltage		
		3.85V DC	4.235V DC	3.465V DC		
Lowest	2402	0.352	N/A	N/A	mW	10 mW or less Error +20% -80%
		0.000	N/A	N/A	%	
Middle	2440	0.333	N/A	N/A	mW	10 mW or less Error +20% -80%
		-5.398	N/A	N/A	%	
Highest	2480	0.318	N/A	N/A	mW	10 mW or less Error +20% -80%
		-9.659	N/A	N/A	%	

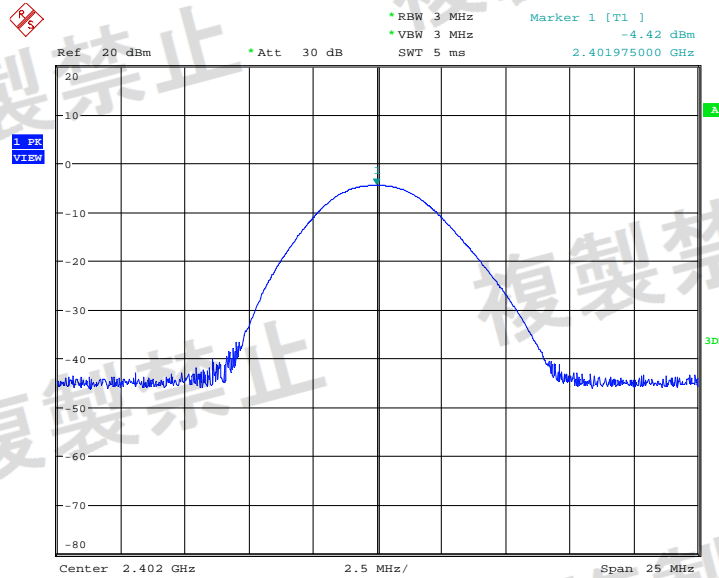
Remark:

Rated power: 0.352mW

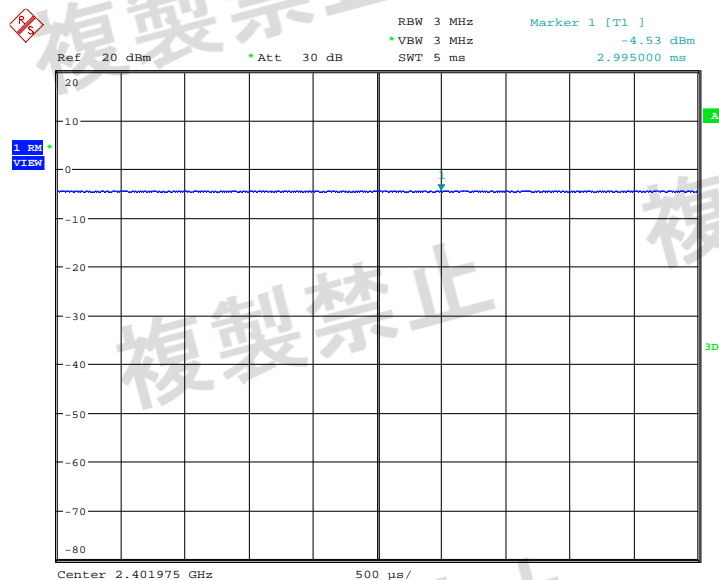
Result plot as follows:

Normal Voltage:DC3.85V

Channel 0 (2.402 GHz)



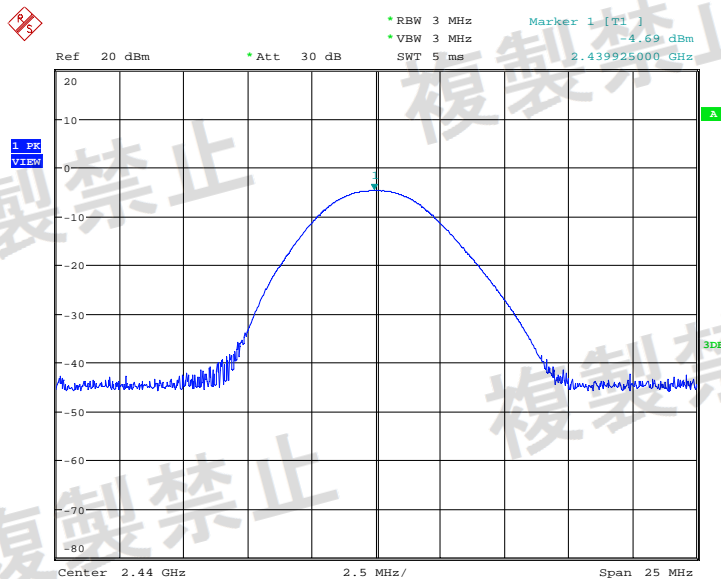
Date: 30.JUN.2020 09:05:46



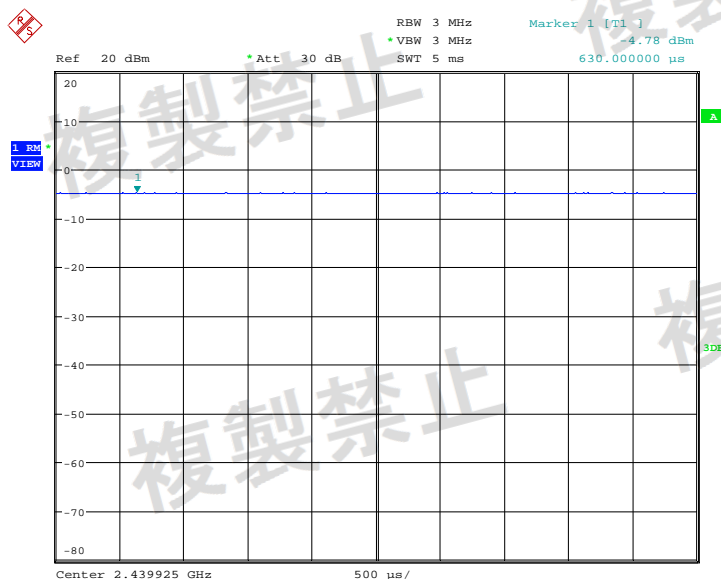
Date: 30.JUN.2020 09:06:04



Channel 19 (2.440GHz)

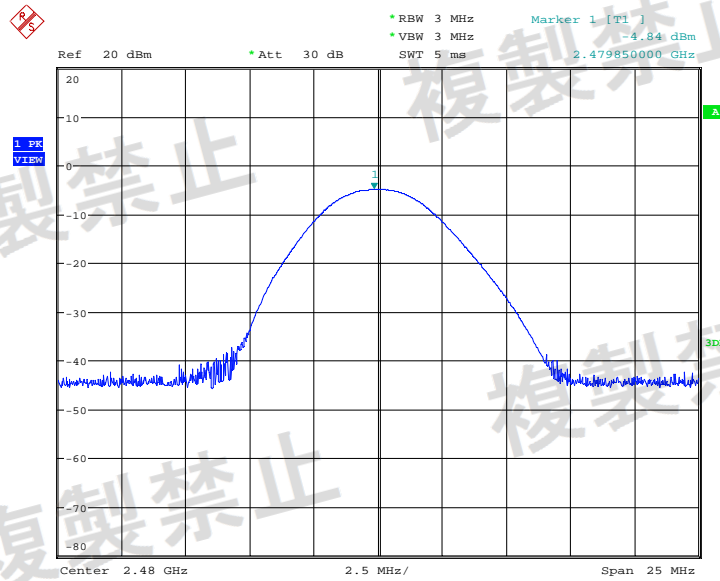


Date: 30.JUN.2020 09:05:05

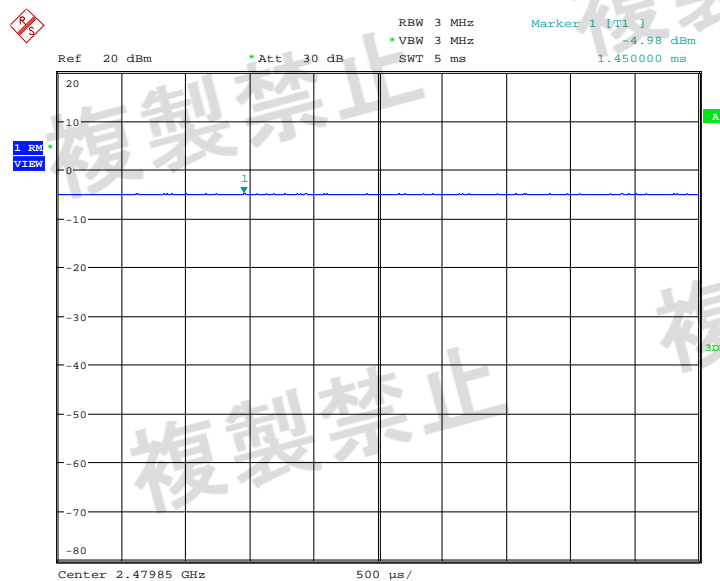


Date: 30.JUN.2020 09:05:21

Channel 39 (2.480GHz)



Date: 30.JUN.2020 09:04:09



Date: 30.JUN.2020 09:04:33

**Test result: The unit does meet the requirements.**

## 6.10 Spurious Emissions of Tx

Test Requirement:	Item 19 of Article 2-1
Text Method:	MIC Notice No.88 Appendix No.43 (1) Below 2387 MHz: 2.5 $\mu$ W/MHz (2) 2387 to 2400 MHz: 25 $\mu$ W/MHz (3) 2483.5 through 2496.5 MHz: 25 $\mu$ W/MHz (4) Over 2496.5 MHz: 2.5 $\mu$ W/MHz
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Test Configuration:	



### Test Procedure:

1. Test Conditions:  
Spectrum Analyzer is used for measurement.
2. EUT conditions:  
Modulation/Spread/Hopping ON, , Modulation Tx  
For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.
3. Spectrum Analyzer conditions:  
Step 1  
All spurious are measured from 30 MHz to 13 GHz by peak mode.  
Step 2  
IF the value measured by Step1 is 2 dB or less, measure in average mode.  
Test setup for Step 1:  
Frequency: 30 MHz – 1000 MHz  
RBW 100 KHz  
VBW 100 KHz  
Sweep Time Auto  
detector mode Positive peak  
Indication mode Max hold  
  
Frequency: 1000 MHz – 2400 MHz , 2483.5 MHz –13 GHz  
RBW 1 MHz  
VBW 1 MHz  
Sweep Time Auto  
detector mode Positive peak  
Indication mode Max hold

Test setup for Step 2:  
Frequency: Spurious Frequency  
RBW 1 MHz  
VBW 1 MHz  
Sweep Time Auto  
detector mode Sample  
Indication mode Max hold

# Test Result:

Result plot as follows:

Normal Voltage DC3.85V

Channel 0 (2.402 GHz)

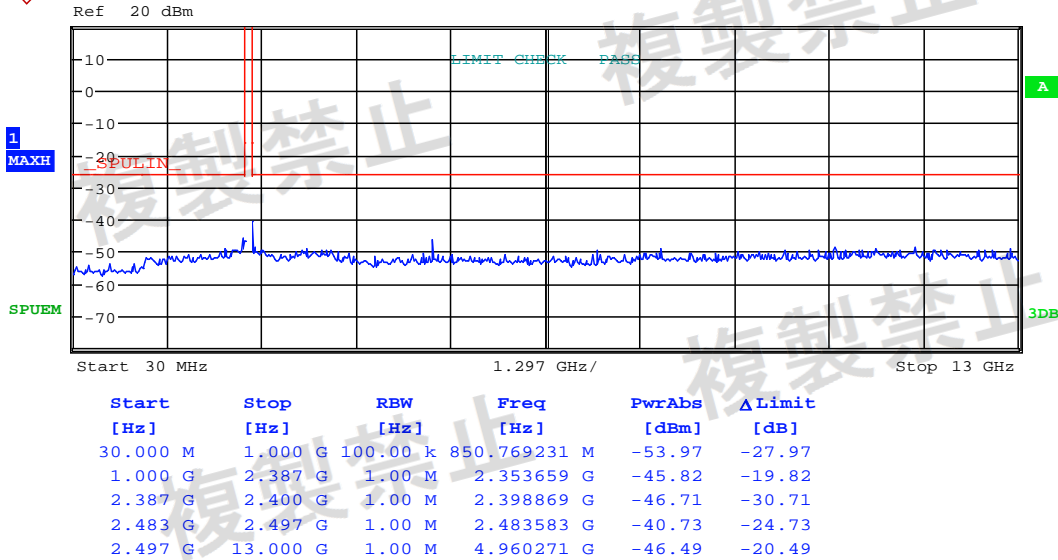


Channel 19 (2.440 GHz)





Channel 39 (2.480 GHz)



Test Result: The unit does meet the requirements.

## 6.11 RF accessibility

### Standard requirement

Article 49-20, paragraph 1 (a)

The EUT shall be constructed in such a way that sensitive RF parts, (like modulation and oscillator parts) cannot be reached easily by the user. These parts shall be covered by soldered metal caps or glue or by other mechanical covers. If the covers are fixed with screws, these shall be not the common type(s) like a Phillips, but special versions like Torx, so that the user cannot open the device with common tools.

### Tamper proof Declaration:

- ☒ 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 parts on PCB or adjustable parts are not exposed.



Result: Method used to meet "can not open easily requirement" is sealed using special screws, Any attempt to modify the RF chip will void the normal operation of this device.

## 6.12 Spurious Emissions of Rx

Test Requirement:	Item 19 of Article 2-1
Text Method:	MIC Notice No.88 Appendix No.43 (1) Below 1 GHz : 4 nW or less (2) 1 GHz and over : 20 nW or less
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Test Configuration:	



### Test Procedure:

1. Test Conditions:  
Spectrum Analyzer is used for measurement.
2. EUT conditions:  
Modulation/Spread/Hopping ON  
For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.
3. Spectrum Analyzer conditions:  
Step 1  
All spurious are measured from 30 MHz to 13 GHz by peak mode.  
Step 2  
IF the value measured by Step1 is 2 dB or less, measure in average mode.  
Test setup for Step 1:  
Frequency: 30 MHz – 2400 MHz , 2483.5 MHz –13 GHz  
RBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)  
VBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)  
Sweep Time Auto  
detector mode Positive peak  
Indication mode Max hold  
Test setup for Step 2:  
Frequency: Spurious Frequency  
Span 0 Hz  
RBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)  
VBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)  
Sweep Time Auto  
detector mode Sample  
Indication mode Max hold

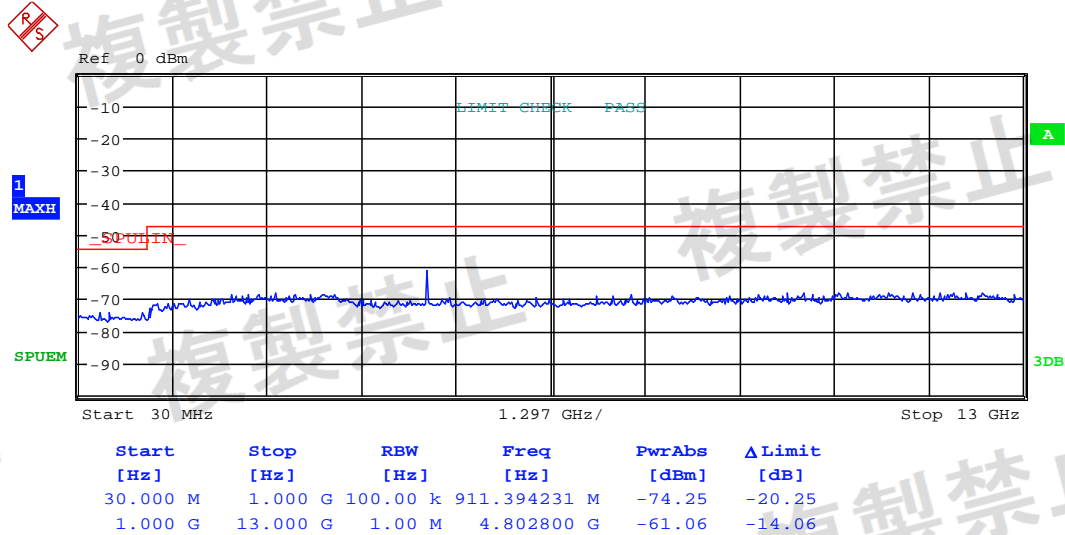
# Test Result:

Result plot as follows:

Normal Voltage DC3.85V

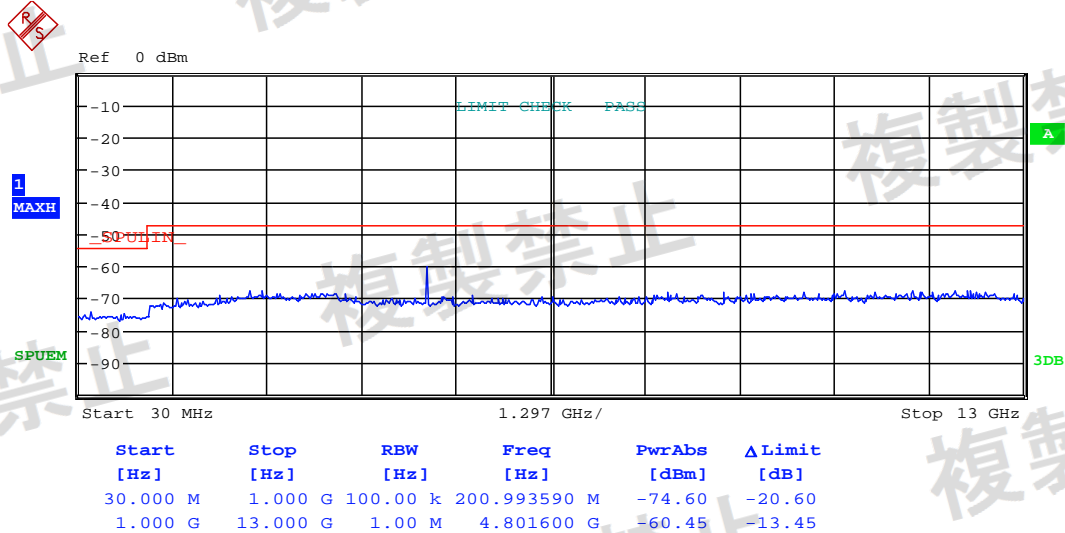
Channel 0: 2402MHz

30MHz-13GHz:



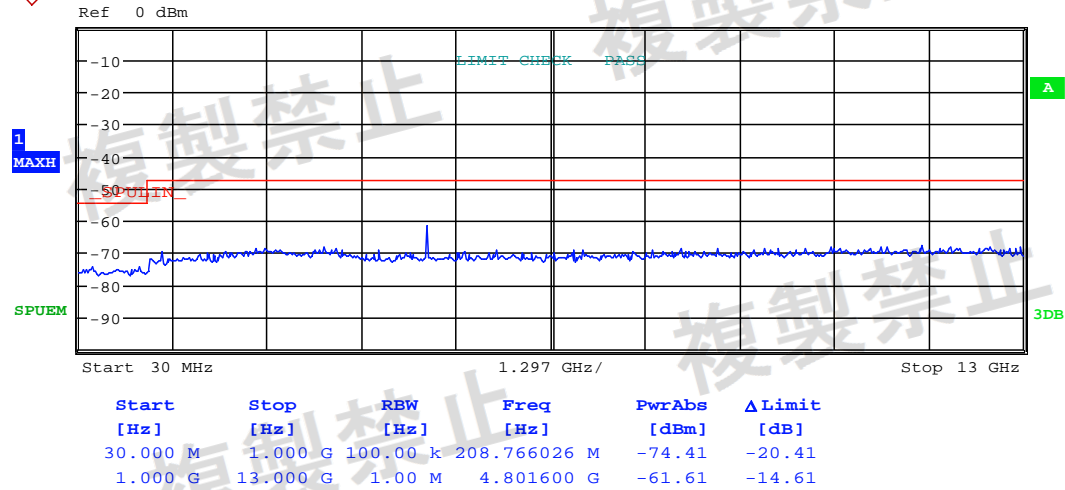
Channel 19: 2440MHz

30MHz-13GHz:



Channel 39: 2480MHz

30MHz-13GHz:

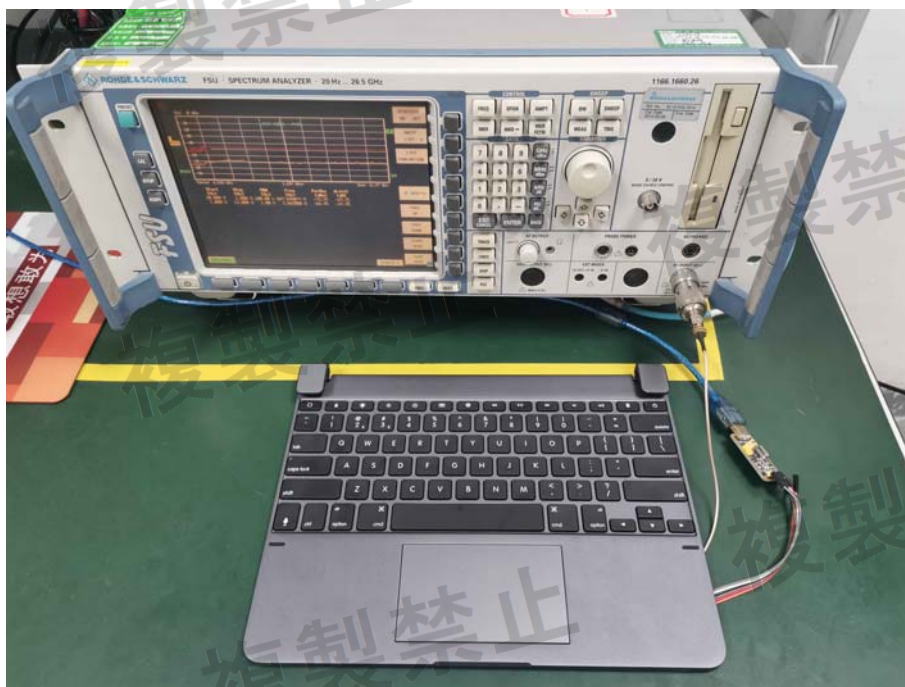


Test Result: The unit does meet the requirements.



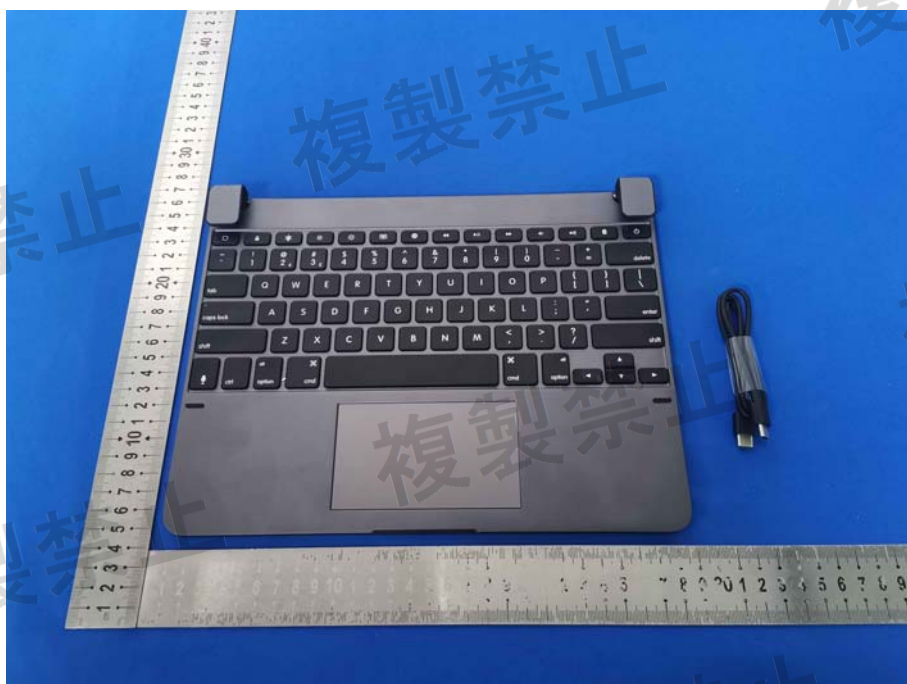
## 7 Photographs

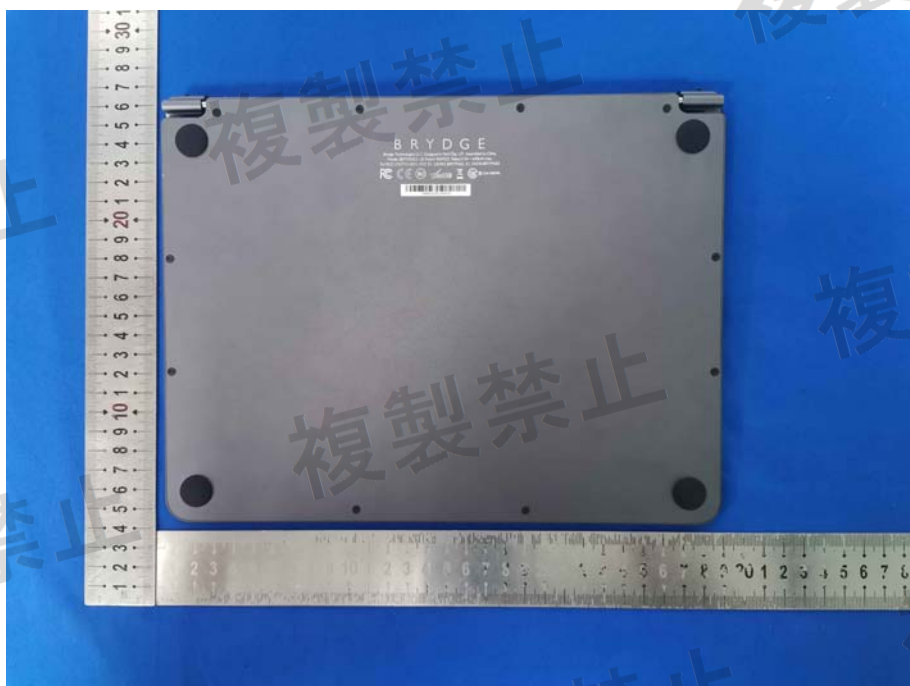
### 7.1 EUT Test Setup



### 7.2 EUT Constructional Details

Test Model No.: BRYTP602N

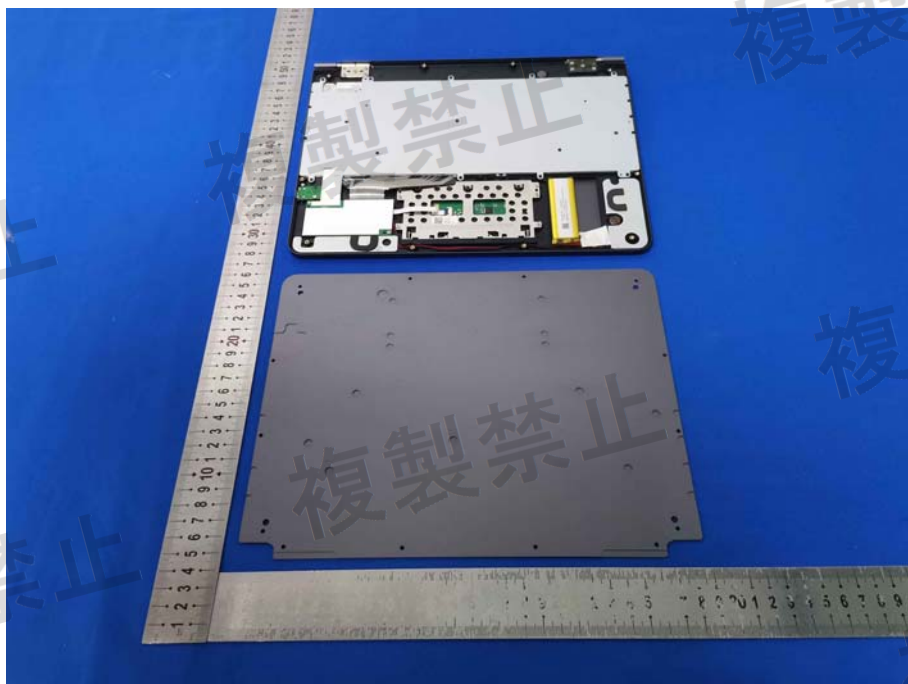




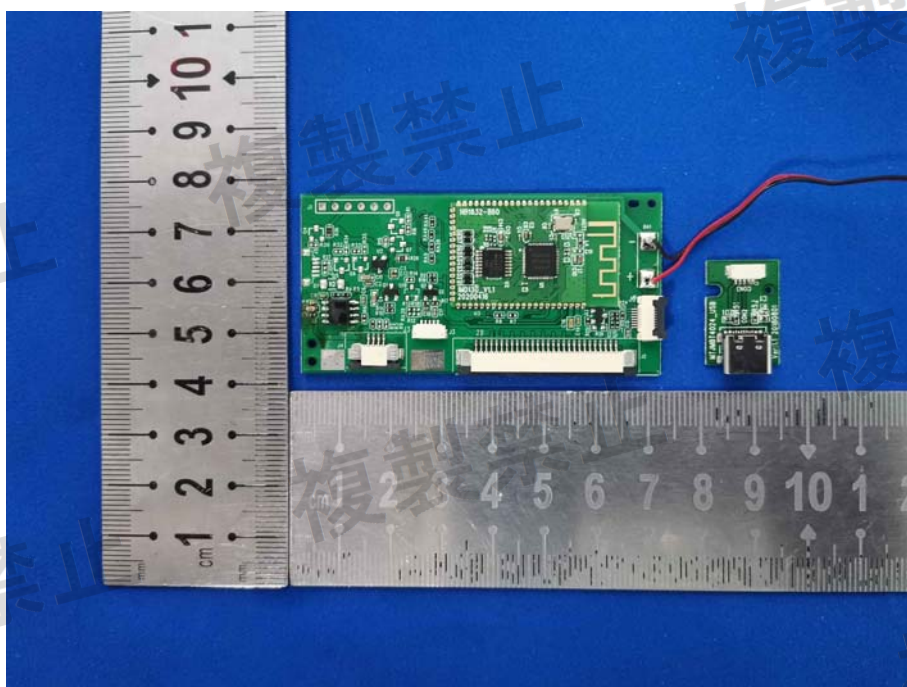
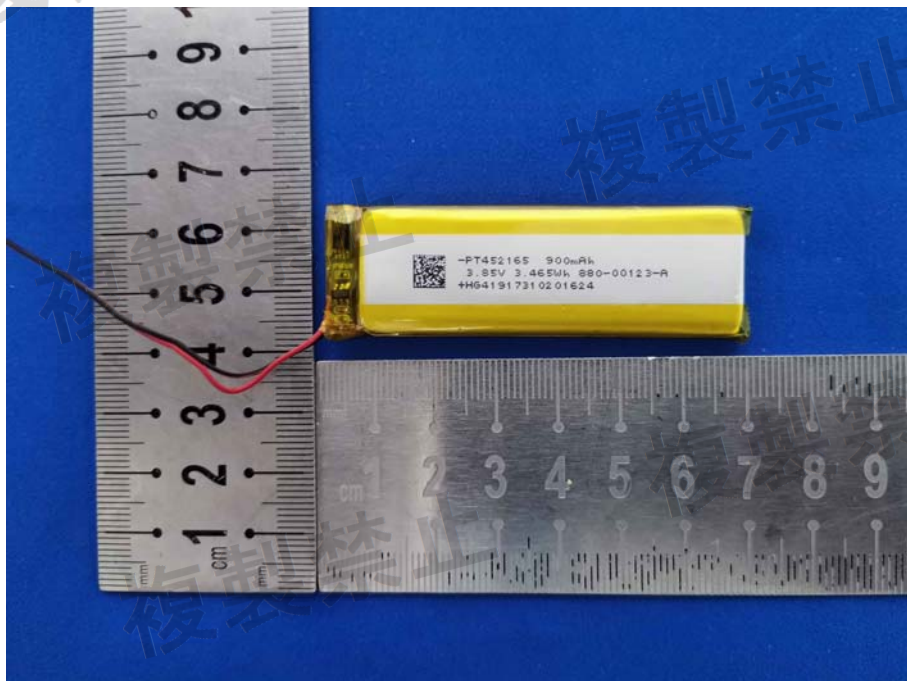


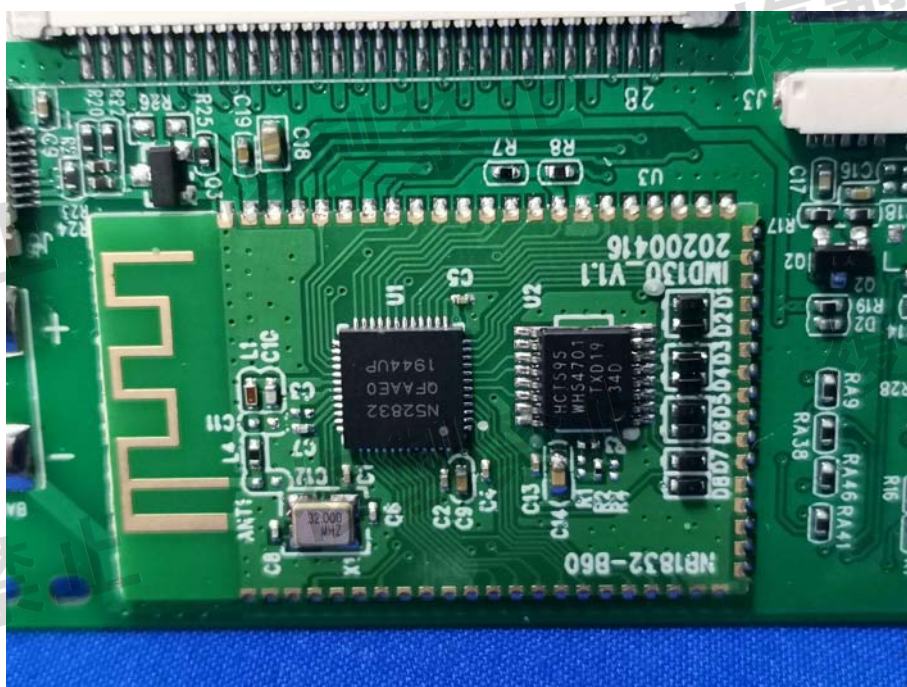
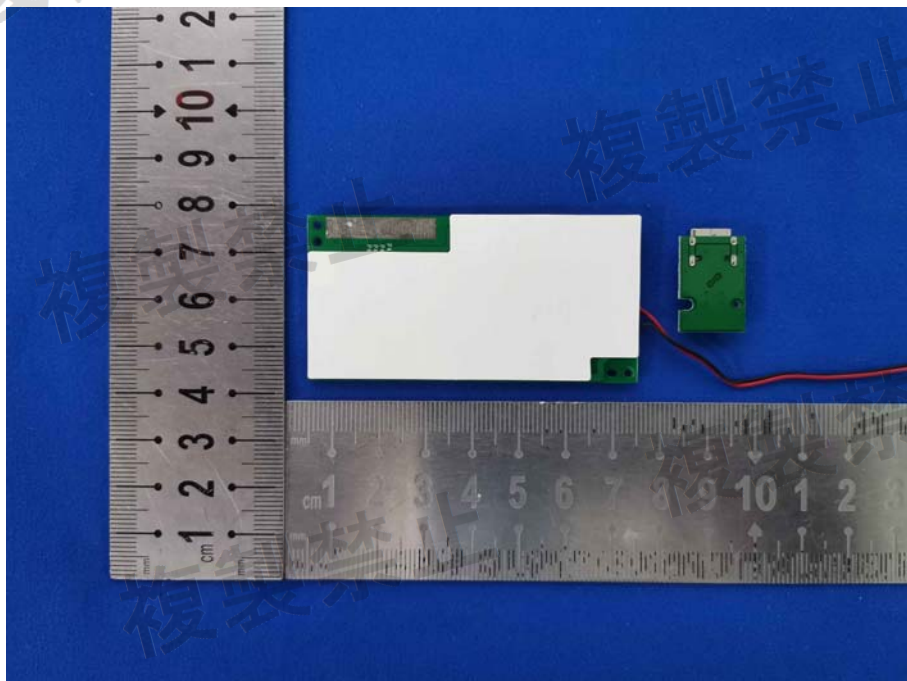












--End of Report--