TEST REPORT

Product	:	MECHA 65 - PETBRICK 65 SERIES
Trade mark	:	DRY STUDIO
Model/Type reference	:	DR002
Serial Number	:	N/A
Report Number	:	EED32R82225902
Date of Issue	:	Jan. 12, 2026
Product Class	:	Item 19 of Article 2 Paragraph 1
Test result	:	PASS

Prepared for:

Angry Miao Technology Co., Limited
2/F, No.5 of Nanteng Street, Qi'ao Industrial Zone,
Tangjiawan Town Xiangzhou District, Zhuhai China

Prepared by:

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Approved by: Aaron Ma — Aaron Ma

Date: Jan. 12, 2026

Check No.: 9059181125

CENTRE TESTING INTERNATIONAL GROUP CO.,LTD. CTI Report Seal

1 Test Summary

Test Item	Test Requirement	Ordinance regulating radio equipment Limit	Result
Antenna Requirement	Item 19 of Article 2 Paragraph 1	Ordinance regulating radio equipment Chapter II Section 3	PASS
Test frequency	Item 19 of Article 2 Paragraph 1	N/A	PASS
Frequency Error	Item 19 of Article 2 Paragraph 1	±50ppm or less	PASS
Occupied Bandwidth	Item 19 of Article 2 Paragraph 1	FH/FH+DS/FH+OFDM 83.5MHz or less OFDM : 40MHz or less Others : 26MHz or less	PASS
Antenna Power	Item 19 of Article 2 Paragraph 1	Designated value: For the 2400-2483.5MHz (1) FH, FH+DS , FH+OFDM: 3mW/MHz (2) OFDM , DSSS: 10mW/MHz or less OFDM OBW 26-38MHz: 5mW/MHz or less Tolerance: +20,No lower limit (3) Other than (1) & (2): 10mW For 2484MHz: 10mW/MHz or less Tolerance: +20%,N/A	PASS
Unwanted Emission Strength	Item 19 of Article 2 Paragraph 1	For 2400-2483.5MHz (1) Below 2387 MHz : 2.5μW/MHz (2) 2387 to 2400 MHz : 25μW/MHz (3) 2483.5 through 2496.5 MHz :25μW/MHz (4)Over 2496.5 MHz : 2.5μW/MHz	PASS
Interference prevention capability	Item 19 of Article 2 Paragraph 1	Ordinance regulating radio equipment Chapter I Section 5	PASS
Carrier sense capability	Item 19 of Article 2 Paragraph 1	Ordinance regulating radio equipment Chapter II Section 4.11,2) d	N/A
RF accessibility	Item 19 of Article 2 Paragraph 1	N/A	PASS
Secondary Radiated Emission Strength	Item 19 of Article 2 Paragraph 1	(1) Below 1 GHz: -54dBm (2) 1GHz or higher: -47dBm	PASS

Remark:

N/A: It is not applicable to occupied bandwidth within 26MHz.

EUT: In this whole report EUT means Equipment Under Test.

Tx: In this whole report Tx (or tx) means the product in transmitting status.

Rx: In this whole report Rx (or rx) means the product in receiving status.

RF: In this whole report RF means Radiated Frequency.

DS: Direct spreading FH: Frequency hopping

OFDM: Orthogonal frequency division multiplexing

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3 General Information

3.1 Client Information

Applicant:	Angry Miao Technology Co., Limited
Address of Applicant:	2/F, No.5 of Nanteng Street, Qi'ao Industrial Zone, Tangjiawan Town Xiangzhou District, Zhuhai China
Manufacturer:	Angry Miao Technology Co., Limited
Address of Manufacturer:	2/F, No.5 of Nanteng Street, Qi'ao Industrial Zone, Tangjiawan Town Xiangzhou District, Zhuhai China
Factory:	Angry Miao Technology Co., Limited
Address of Factory:	2/F, No.5 of Nanteng Street, Qi'ao Industrial Zone, Tangjiawan Town Xiangzhou District, Zhuhai China

3.2 General Description of EUT

Product Name:	MECHA 65 - PETBRICK 65 SERIES	
Model No.:	DR002	
Test Model No.:	DR002	
Trade Mark:	DRY STUDIO	
EUT Supports Radios application:	2.4G Wireless	
Operating Frequency:	2402MHz to 2480MHz	
Rated power:	0.8mW	
Number of Channels:	40 Channels	
Type of Modulation:	GFSK	
Transmission Rate:	2Mbps	
Channel Separation:	2MHz	
Antenna Type:	Internal Antenna	
Antenna gain:	0.44dBi	
Test Power Grade:	Default	
Test Software of EUT:	nRF_DTM	
Power Supply:	USB port:	DC 5V2A
	Battery:	DC 3.2-4.3V
Test Voltage:	DC 3.8V	
Sample Received Date:	Nov. 24, 2025	
Sample tested Date:	Nov. 24, 2025 to Jan. 05, 2026	

3.3 EUT test environment range

Temperature:	25°C
Humidity:	54%RH
Atmospheric Pressure:	1010mbar

3.4 Description of Support Units

The EUT has been tested independently.

3.5 Test Location

All tests were performed at:
Centre Testing International Group Co., Ltd.
Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China
Telephone: +86 (0) 755 3368 3668 Fax:+86 (0) 755 3368 3385
No tests were sub-contracted.

4 Equipment List

Equipment	Manufacturer	Mode No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)	Calibration body	Classification
Spectrum Analyzer	Keysight	N9010A	MY54510339	12-05-2024 11-25-2025	12-04-2025 11-24-2026	CTIMT	(c)
Signal Generator	Keysight	N5182B	MY53051549	11-30-2024 11-13-2025	11-29-2025 11-12-2026	CTIMT	(c)
DC Power	Keysight	E3642A	MY56376072	11-30-2024 11-13-2025	11-29-2025 11-12-2026	CTIMT	(c)
RF control unit(power unit)	JS Tonscend	JS0806-2	---	07-21-2025	07-20-2026	CTIMT	(c)
Temperature/ Humidity Indicator	biaozhi	HM10	1804186	05-26-2025	05-25-2026	CTIMT	(c)
BT&WI-FI Automatic test software	JS Tonscend	JS1120-3	V3.2.22	---	---	---	(c)
Digitalmultimeter	FLUKE	FLUKE-289 /CN	63660078	03-03-2025	03-02-2026	CTIMT	(c)
Spectrum Analyzer	R&S	FSV3044	101509	02-14-2025	02-13-2026	CTIMT	(c)

Remark:

CTI: Centre Testing International Group Co., Ltd
Adress:Build C,Hongwei Industrial Zone, Baoan 70 District, Shenzhen, China
CTIMT: CTI MEASUREMENT AND TESTING CO.,LTD.
Address :Building B and C, Taohuayuan Sci-Tech Innovation Park, Tiegang Community, Xixiang Sub-district, Bao'an District, Shenzhen, Guangdong, China
LISAI: Guangzhou LiSai Metrology & Test Co.,Ltd.
Address:No.8.South Street Shi Ji Institute Guangzhou.Guangdong.China

(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 taBluetooth LE 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 equipment is 1 year.

5 Radio Technical Requirements Specification

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

Items	Technical standard
Assigned frequency or designated frequency	2400MHz-2483.5MHz
Communication method	One-way communication, simplex, semi-duplex, or duplex operation of digital signal transmission including spread spectrum
Tolerance of frequency ($\times 10^{-6}$)	±50ppm
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 (2) OFDM , DS other than (1): 10mW/MHz (3) Other than (1) & (2):10mW Tolerance: +20,No lower limit
Antenna gain	1) 12.14 dBi or less in principle 2) In case of directional antenna (1) FH, FH+DS or FH+OFDM: EIRP≤ 16.91dBm/MHz (2) OFDM or DS other than (1) EIRP≤ 22.14dBm/MHz (3) Other than (1) and (2): 22.14dBm 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 ≤ 360/A (The A is 10 in maximum.)
Tolerance of spurious emission intensity	For 2400-2483.5Mz (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
Limit of secondary radiated emissions	(1) Below 1 GHz: 4nW (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

Note: The Technical Standards described here do not cover all of the regulated items.

5.1 Transmitter Requirements

5.1.1.1 EUT test voltage and Frequency

<table>
<tr><td colspan="3">EUT test voltage</td></tr>
<tr><td rowspan="2">Power Supply:</td><td>USB port:</td><td>DC 5V2A</td></tr>
<tr><td>Battery:</td><td>DC 3.2-4.3V</td></tr>
<tr><td>Test voltage require:</td><td colspan="2">Supply the rated voltage and the rated voltage ±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 ±1%, when input voltage from external power supply to the test equipment is fluctuated by ±10%: Conduct the test with the rated voltage only.</td></tr>
<tr><td>Power Supply result:</td><td colspan="2">The measurement result of the voltage fluctuation at RF circuit when DC 3.8V +/- 10%.
<table>
<tr><td>AC Input</td><td>RF circuit</td></tr>
<tr><td>3.8V</td><td>3.300V</td></tr>
<tr><td>3.42V</td><td>3.300V</td></tr>
<tr><td>4.18V</td><td>3.300V</td></tr>
</table></td></tr>
</table>

Test frequency

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 availaBluetooth LE frequencies.

Frequency range over which device operates	Number of frequencies	Location in the range of operation
1 MHz or less	1	Middle
1 to 10 MHz	2	1 near top and 1 near bottom
More than 10 MHz	3	1 near top. 1 near middle and 1 near bottom

EUT channels and frequencies list:

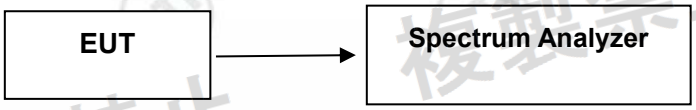
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454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

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

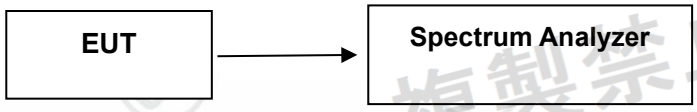
5.1.2 Antenna Requirement

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	Refer to internal photos.
The antenna is Internal Antenna. The best case gain of the antenna is 0.44dBi.	
Result: An antenna connector is available, all relevant tests will be carried out conducted.	

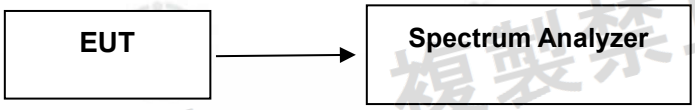
5.1.3 Frequency Error

Test Requirement:	Item 19 of Article 2 Paragraph 1		
Test Method:	MIC Notice No.88 Appendix No.43		
Ambient:	Temp.: 25°C	Humid.: 54%	Press.: 1010 mbar
Test Status:	Enter the unmodulation mode for the product. Test in Channel lowest (2402MHz), middle (2440MHz) and highest(2480MHz), keep in continuously transmitting status.		
Test Configuration:			
			
Test Conditions:	Frequency Counter or Spectrum Analyzer is used for measurement.		
EUT conditions:	Modulation/Spread/Hopping off, CW Tx If EUT does not accept “Modulation OFF” mode in the measurement, you may use “Modulation ON” mode. In that case you can use the Max power Frequency as the measuring results.		
Spectrum Analyzer conditions:	Frequency: Test Frequency Span 1MHz RBW 10kHz (Modulation OFF), VBW 10kHz (Modulation OFF), Sweep Time Auto Detector mode Positive peak Indication mode Max hold		
Technical standard:	Tolerance of frequency: $\pm 50 \times 10^{-6}$		
Test result:	Refer to Appendix: Bluetooth LE of Report No. EED32R82225902		

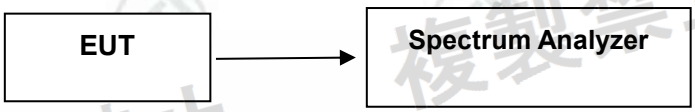
5.1.4 Occupied Bandwidth (99%)

Test Requirement:	Item 19 of Article 2 Paragraph 1
Test 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:	
	
EUT conditions:	Modulation/Spread/Hopping on, PN9 Modulation Tx For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.
Spectrum Analyzer conditions:	Frequency: Test Frequency Span 4MHz RBW 300kHz VBW 300kHz Sweep Time Auto Detector mode Positive peak Indication mode Max hold OBW 99%
Technical standard:	26MHz or less
Test result:	Refer to Appendix: Bluetooth LE of Report No. EED32R82225902

5.1.5 Antenna Power

Test Requirement:	Item 19 of Article 2 Paragraph 1		
Test Method:	MIC Notice No.88 Appendix No.43		
Ambient:	Temp.: 25.0°C	Humid.: 54%	Press.: 1010 mbar
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:			
			
EUT conditions:	Modulation/Spread/Hopping on, PN9 Modulation Tx For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.		
Spectrum Analyzer conditions:	Step 1 Frequency: Test Frequency Span 4MHz RBW 3MHz VBW 3MHz Sweep Time Auto Detector mode Positive peak Indication mode Max hold Step 2 Frequency: Test Frequency Span 0MHz RBW 3MHz VBW 3MHz Sweep Time Auto Detector mode RMS Indication mode Max hold		
Technical standard:	Antenna Power (1) FH, FH+DS , FH+OFDM 3mW/MHz or less (2) OFDM , DS other than (1) 10mW/MHz or less (3) Other than (1) & (2) 10mW or less Tolerance: +20,No lower limit		
Test result:	Refer to Appendix: Bluetooth LE of Report No. EED32R82225902		

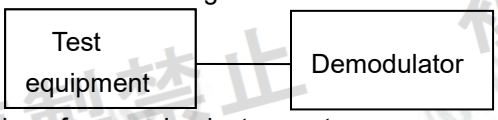
5.1.6 Unwanted Emission Strength

Test Requirement:	Item 19 of Article 2 Paragraph 1		
Test Method:	MIC Notice No.88 Appendix No.43		
Ambient:	Temp.: 25.0°C	Humid.: 54%	Press.: 1010 mbar
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:			
			
EUT conditions:	Modulation/Spread/Hopping on, PN9 Modulation Tx For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.		
Measurement Procedure:	Step1 All spurious are measured from 30MHz to 12.5GHz by peak mode. Step2 IF the value measured by Step1 is 2dB or less, measure in average mode.		
Spectrum Analyzer conditions(Step1):	Frequency: 30MHz-2400MHz , 2483.5MHz-12.5GHz RBW 1000kHz (30MHz-1GHz) , 1000kHz (over 1GHz) VBW 1000kHz (30MHz-1GHz) , 1000kHz (over 1GHz) Sweep Time Auto Detector mode Positive peak Indication mode Max hold		
Spectrum Analyzer conditions(Step 2):	Frequency: Spurious Frequency Span 0Hz RBW 1MHz VBW 1MHz Sweep Time Auto Detector mode Sample Indication mode Max hold		
Technical standard:	(1) Below 2387MHz : 2.5μW/MHz (2) 2387 to 2400MHz : 25μW/MHz (3) 2483.5 through 2496.5MHz : 25μW/MHz (4) Over 2496.5MHz : 2.5μW/MHz		
Test result:	Refer to Appendix: Bluetooth LE of Report No. EED32R82225902		

5.1.7 Interference prevention function

1) Measurement system diagram

(1) When transmitting identification code



2) Condition of measuring instrument

(1) Demodulator must be aBluetooth LE 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.

94:E9:79:FF:F5:F0

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

Test result: PASS

5.1.8 RF accessibility

Standard requirement

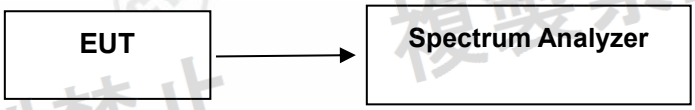
Article 49-20, paragraph 1 (a)

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.

☐ Sealed with special screws.
☒ Plastic chassis is being welded using ultrasonic waves.
☐ Chassis is glued using a special adhesive.
☐ Metal covers are spot-fused.
☐ Cover is specially interlocked.
☐ RF and Modulation components are covered with shielding case and this shielding case is soldered.
☐ Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.
☐ Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.
☐ Shield case is welded at RF and modulation parts, and ID-ROM is glued with anon-transparent laminating agent.
☐ Semiconductor circuits of high-frequency parts and modulation parts have more than 10 pins distanced smaller than 1.5mm each other.
Refer to internal photos.

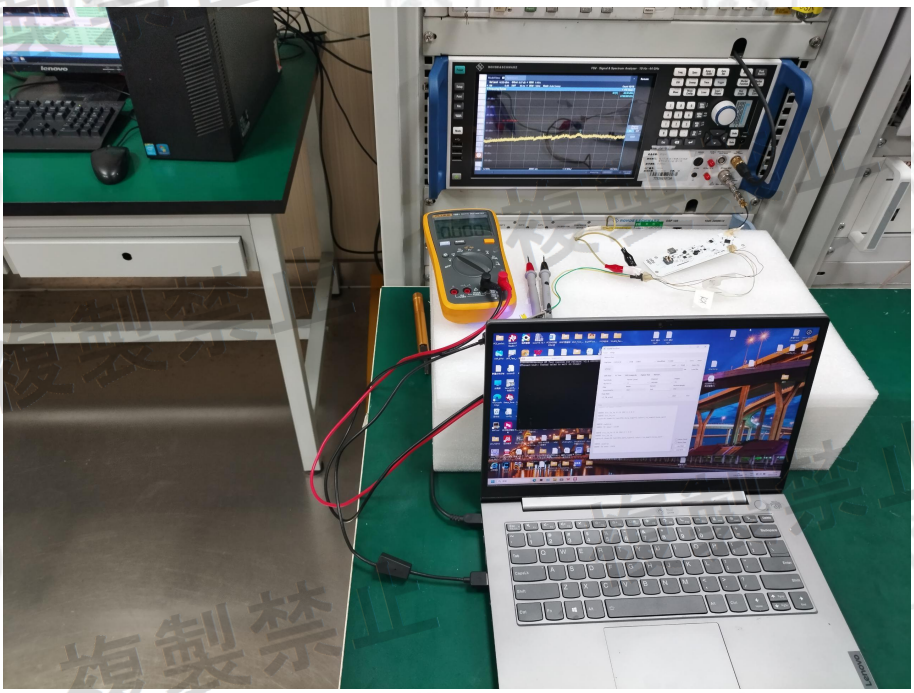
5.2 Receiver Requirements

5.2.1 Secondary Radiated Emission Strength

Test Requirement:	Item 19 of Article 2-1		
Test Method:	MIC Notice No.88 Appendix No.43		
Ambient:	Temp.: 25.0°C	Humid.: 54%	Press.: 1010 mbar
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:			
			
EUT conditions:	Rx		
Measurement Procedure:	Step 1 All spurious are measured from 30 MHz to 12.5 GHz by peak mode. Step 2 IF the value measured by Step1 is 2 dB or less, measure in average mode.		
Spectrum Analyzer conditions(Step 1):	Frequency: 30MHz-2400MHz , 2483.5MHz-12.5GHz RBW 100kHz (30MHz-1GHz) , 1 MHz (over 1GHz) VBW 100kHz (30MHz-1GHz) , 1 MHz (over 1GHz) Sweep Time Auto Detector mode Positive peak Indication mode Max hold		
Spectrum Analyzer Conditions(Step 2):	Frequency: Spurious Frequency Span 0Hz RBW 100kHz (30MHz-1GHz) , 1 MHz (over 1GHz) VBW 100kHz (30MHz-1GHz) , 1 MHz (over 1GHz) Sweep Time Auto Detector mode Sample Indication mode Max hold		
Technical standard:	(1) Below 1GHz : 4nW or less (2) 1GHz and over : 20nW or less		
Test result:	Refer to Appendix: Bluetooth LE of Report No. EED32R82225902		

6 Photographs

6.1 EUT Test Setup



EUT Test Setup-1

6.2 EUT Constructional Details



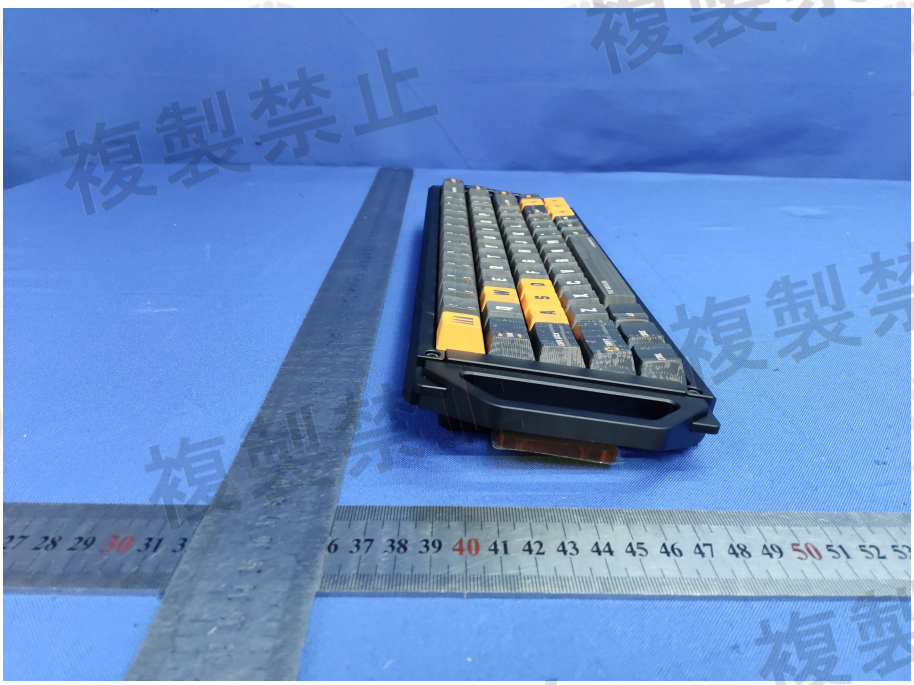
View Of Product - 1



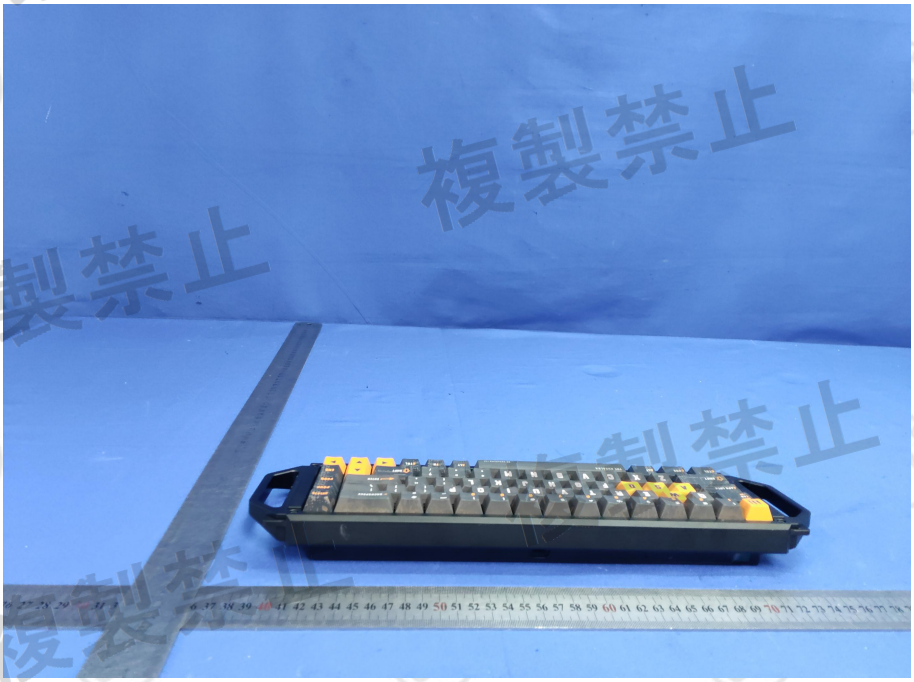
View Of Product - 2



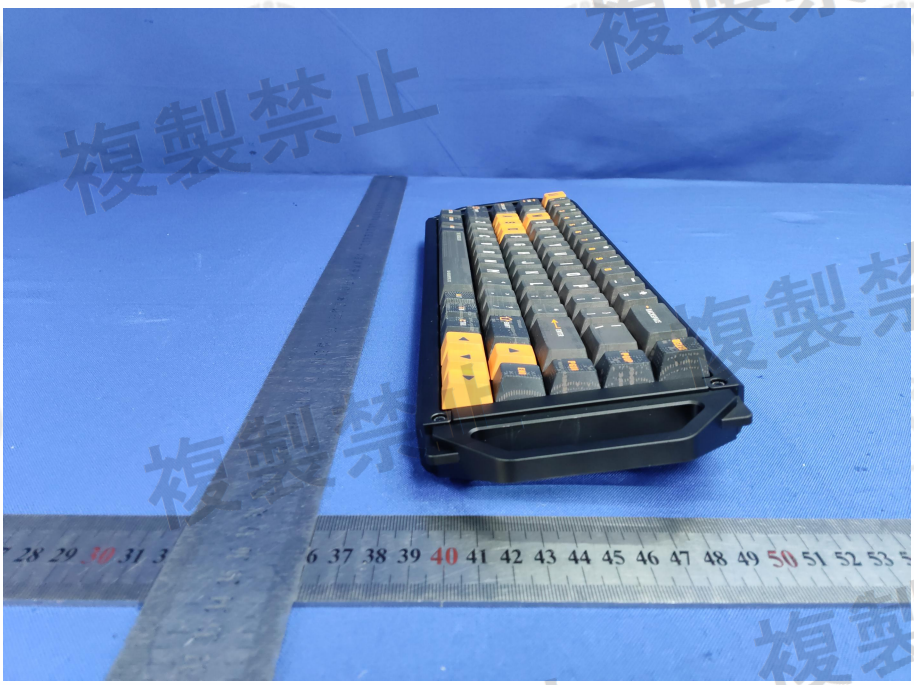
View Of Product - 3



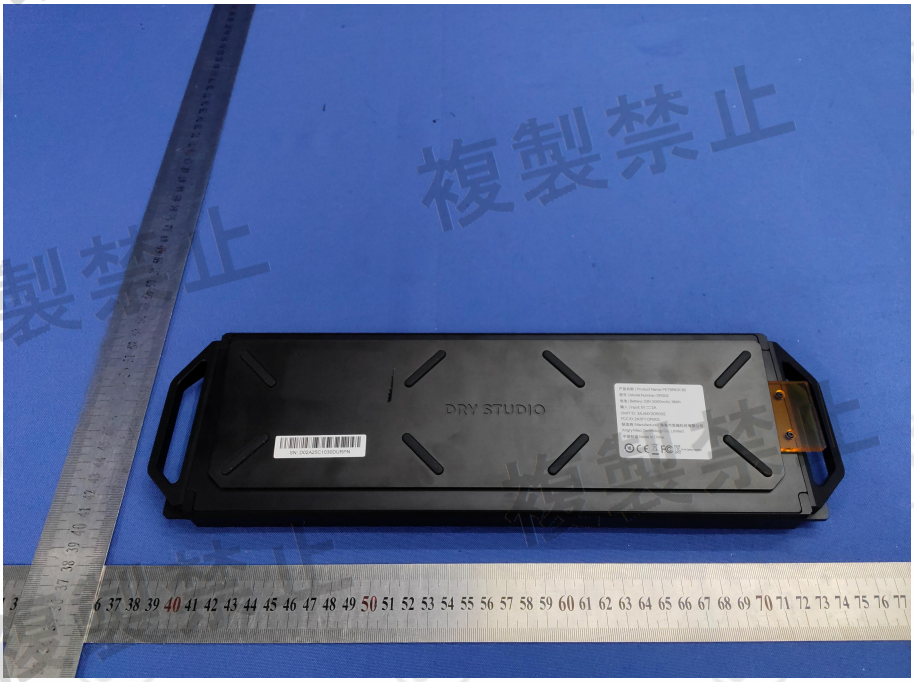
View Of Product - 4



View Of Product - 5



View Of Product - 6



View Of Product - 7



View Of Product - 8



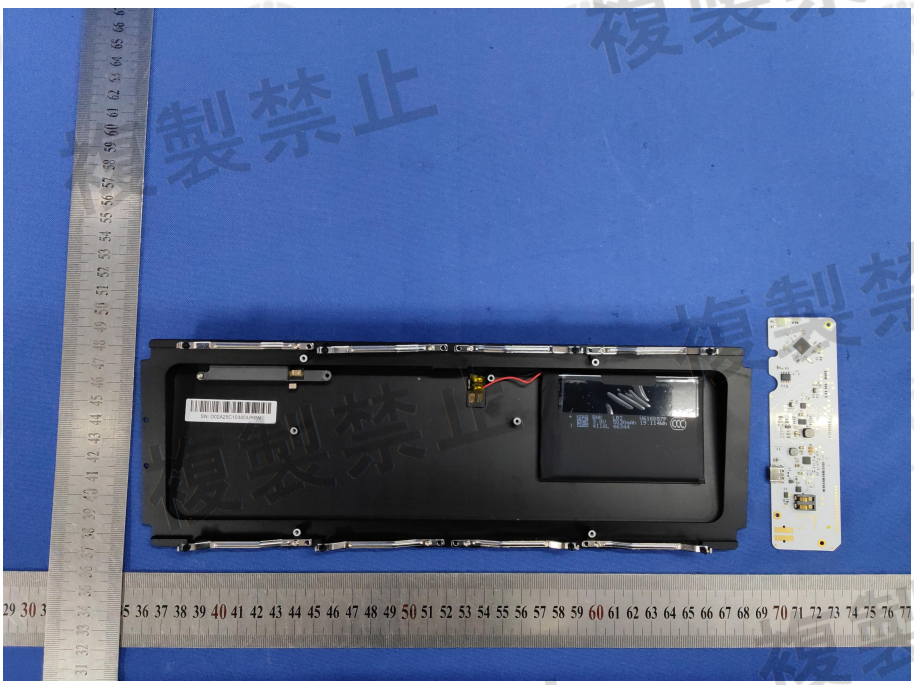
View Of Product - 9



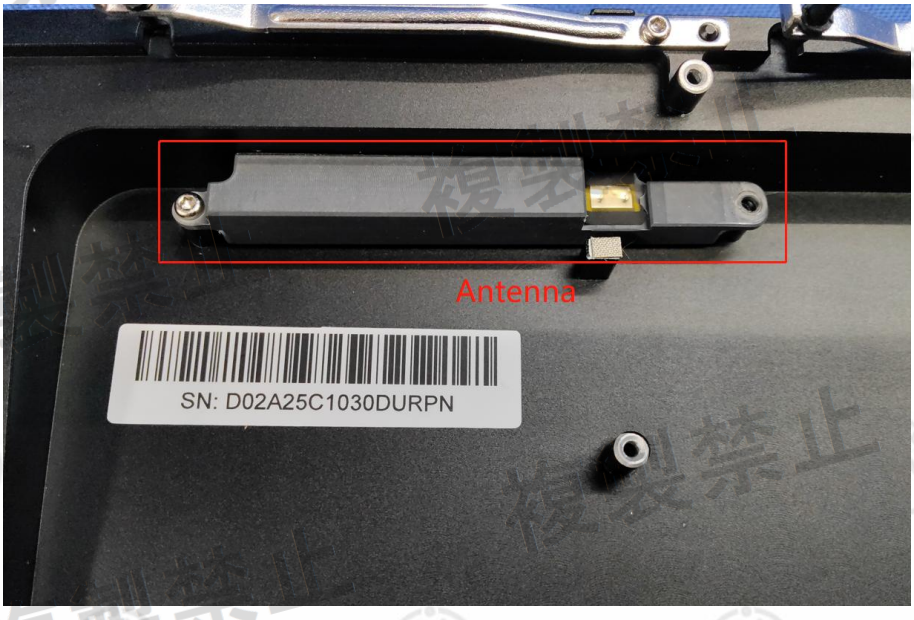
View Of Product - 10



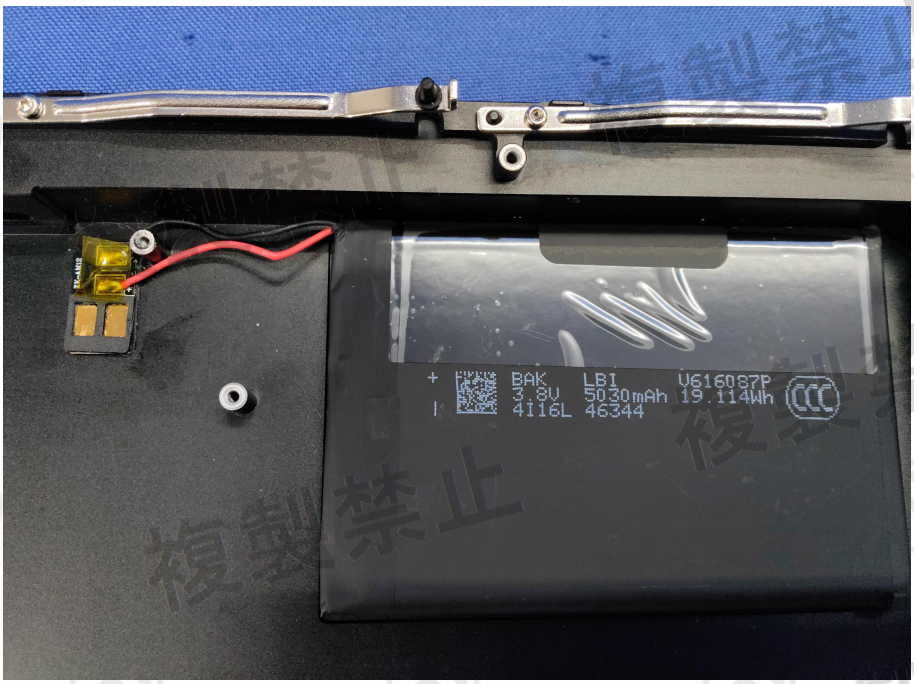
View Of Product - 11



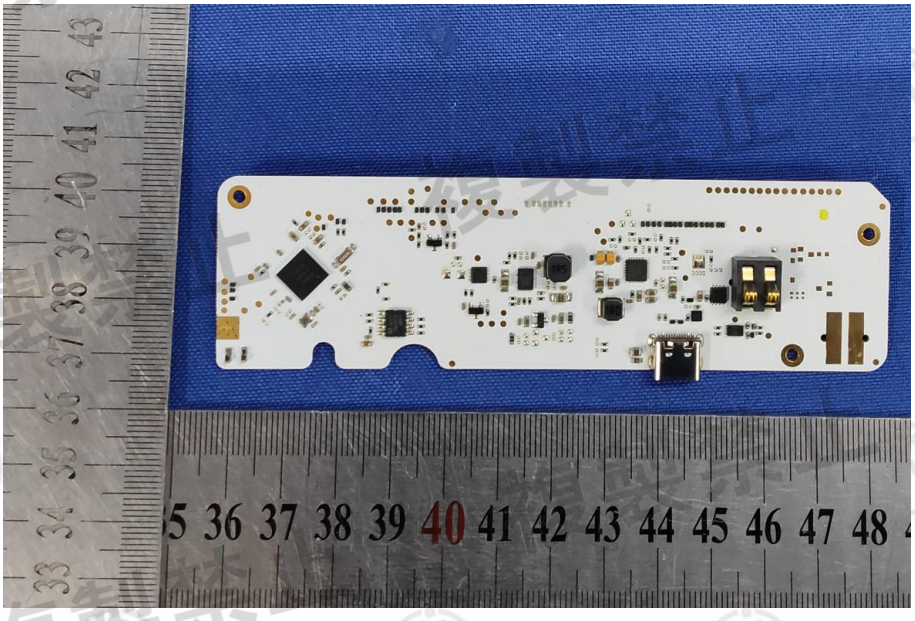
View Of Product - 12



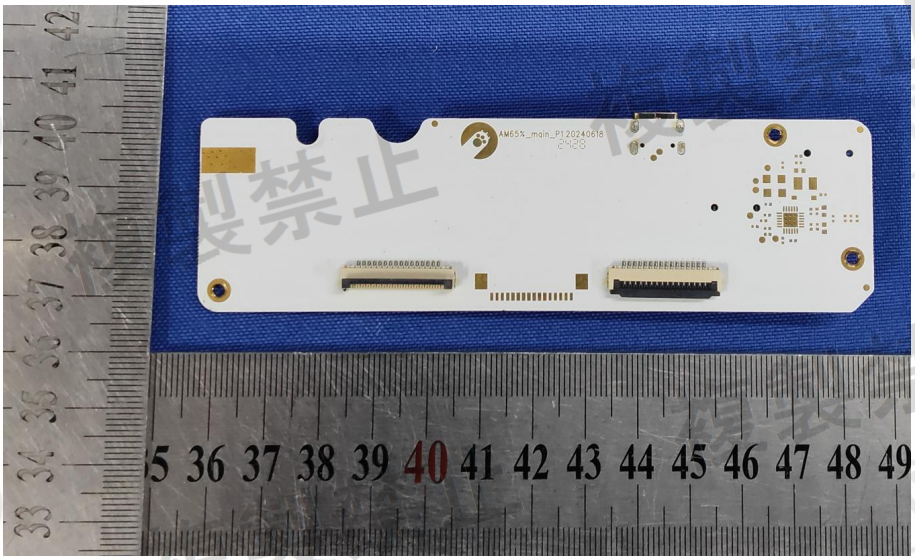
View Of Product - 13



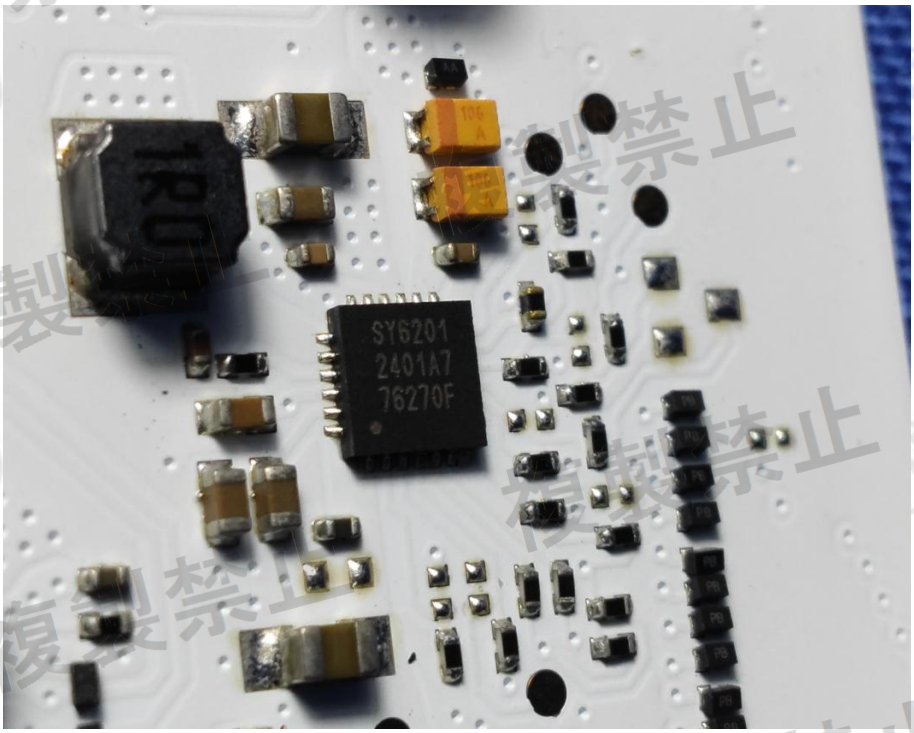
View Of Product - 14



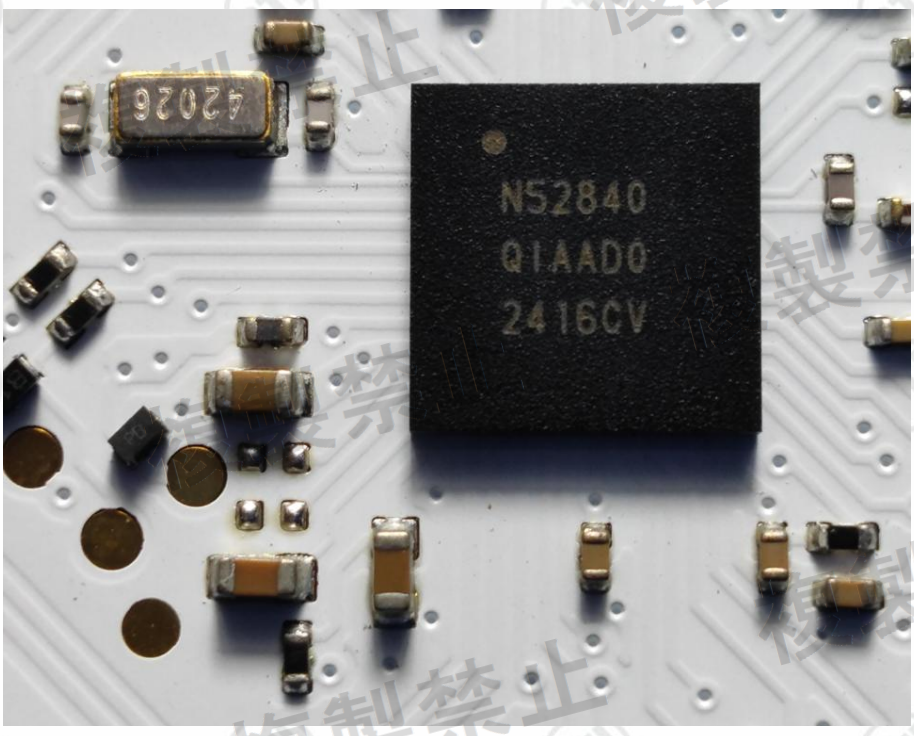
View Of Product - 15



View Of Product - 16



View Of Product - 17



View Of Product - 18

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;

2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;

3. The result(s) shown in this report refer(s) only to the sample(s) tested;

4. Unless otherwise stated,the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;

5. Without written approval of CTI, this report can't be reproduced except in full;

*** End of Report ***