

FCC TEST REPORT

Shenzhen Huafurui Technology Co., Ltd.

Wireless Earphone

Test Model: Buds 3

Additional Model No.: Please Refer to Page 7

Prepared for : Shenzhen Huafurui Technology Co., Ltd.
Address : Unit 601-03, 6/F, Block A, Building 1, Ganfeng
Technology Building, No. 993 Jiaxian Road,
Xiangjiaotang Community, Bantian Street, Longgang
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Prepared by : Guangzhou LCS Compliance Testing Laboratory Ltd.
Address : No.44-1, Qianfeng North Road, Shiqi , Panyu District,
Guangzhou, Guangdong, China

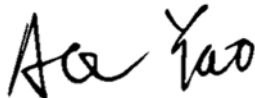
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Date of receipt of test sample : May 13, 2026
Number of tested samples : 2
Sample No. : C05126008-1, C05126008-2
Serial number : Prototype
Date of Test : May 13, 2026 ~ June 08, 2026
Date of Report : June 09, 2026



FCC TEST REPORT	
FCC 47 CFR Part 15 Subpart B, Class B, ANSI C63.4a-2017(Amendment to ANSI C63.4-2014)	
Report Reference No. : LCSC05126008E	
Date Of Issue : June 09, 2026	
Testing Laboratory Name : Guangzhou LCS Compliance Testing Laboratory Ltd.	
Address : No.44-1,Qianfeng North Road, Shiqi , Panyu District, Guangzhou, Guangdong, China	
Testing Location/ Procedure... : Full application of Harmonised standards ■ Partial application of Harmonised standards □ Other standard testing method □	
Applicant's Name..... : Shenzhen Huafurui Technology Co., Ltd.	
Address : Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China	
Test Specification	
Standard.....	FCC 47 CFR Part 15 Subpart B, Class B, ANSI C63.4a-2017(Amendment to ANSI C63.4-2014)
Test Report Form No.....	TRF-4-E-010 A/0
TRF Originator.....	Guangzhou LCS Compliance Testing Laboratory Ltd.
Master TRF.....	Dated 2011-03
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Test Item Description..... : Wireless Earphone	
Trade Mark	CUBOT
Test Model	Buds 3
Ratings	Please Refer to Page 7
Result	PASS

Compiled by:



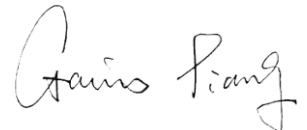
Ace Yao/ Administrator

Reviewed by:



Justin Zhu/ Technique Director

Approved by:



Gavin Liang/ Manager

FCC TEST REPORT

Test Report No. : LCSC05126008E	<u>June 09, 2026</u> Date of issue
--	---------------------------------------

Test Model : Buds 3

EUT..... : Wireless Earphone

Applicant..... : Shenzhen Huafurui Technology Co., Ltd.

Address..... : Unit 601-03, 6/F, Block A, Building 1, Ganfeng
Technology Building, No. 993 Jiaxian Road,
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Telephone..... : /

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Manufacturer..... : Shenzhen Huafurui Technology Co., Ltd.

Address..... : Unit 601-03, 6/F, Block A, Building 1, Ganfeng
Technology Building, No. 993 Jiaxian Road,
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District, Shenzhen, P.R. China

Telephone..... : /

Fax..... : /

Factory..... : Shenzhen Huafurui Technology Co., Ltd.

Address..... : Unit 601-03, 6/F, Block A, Building 1, Ganfeng
Technology Building, No. 993 Jiaxian Road,
Xiangjiaotang Community, Bantian Street, Longgang
District, Shenzhen, P.R. China

Telephone..... : /

Fax..... : /

Test Result according to the standards on page 6: **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	June 09, 2026	Initial Issue	---

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1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

EMISSION			
Description of Test Item	Standard	Limits	Results
Conducted disturbance at mains terminals	FCC 47 CFR Part 15 Subpart B, Class B, ANSI C63.4a-2017(Amendment to ANSI C63.4-2014)	Class B	PASS
Radiated disturbance	FCC 47 CFR Part 15 Subpart B, Class B, ANSI C63.4a-2017(Amendment to ANSI C63.4-2014)	Class B	PASS
N/A is an abbreviation for Not Applicable.			

Test mode:		
Mode 1	Normal Operation	Record

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

EUT : Wireless Earphone

Test Model : Buds 3

Additional Model No. : Buds 3a, Buds 5, AirBuds, AirBuds 3, AirBuds 5, Buds 5pro, AirBuds 7, Buds 7a, Buds 7pro, Buds 8, Buds 8s

Model Declaration : PCB board, structure and internal of these model(s) are the same, So no additional models were tested

Ratings : Input: DC 5V, 1A
Headset: DC 3.7V by Li-ion Battery(28mAh)
Charging case: DC 3.7V by Li-ion Battery(260mAh)

Highest internal frequency (Fx) : Fx > 1 GHz

Highest internal frequency (Fx)	Highest measured frequency
Fx ≤ 108 MHz	1 GHz
108 MHz < Fx ≤ 500 MHz	2 GHz
500 MHz < Fx ≤ 1 GHz	5 GHz
Fx > 1 GHz	5 × Fx up to a maximum of 6 GHz
NOTE 1 For FM and TV broadcast receivers, Fx is determined from the highest frequency generated or used excluding the local oscillator and tuned frequencies. Where Fx is unknown, the radiated emission measurements shall be performed up to 6 GHz.	

2.2. Support Equipment List

Manufacturer	Description	Model	Serial Number	Certificate
SHENZHEN TIANYIN ELECTRONICS CO., LTD	Power Adapter	TPA-4605020 0UU	---	FCC

Note: Auxiliary equipment is provided by the laboratory.

2.3 External I/O Cable

I/O Port Description	Quantity	Cable
Type-C Port	1	N/A

2.4. Description of Test Facility

CNAS Registration Number is L11555
A2LA Certificate Number: 5099.01
FCC Designation Number is CN1379
Test Firm Registration Number: 729882

2.5. Statement of the Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

2.6. Measurement Uncertainty

Test	Parameters	Expanded Uncertainty (Ulab)	Expanded Uncertainty (Ucispr)
Conducted Emission	Level accuracy (9kHz to 150kHz) (150kHz to 30MHz)	± 2.63 dB ± 2.35 dB	± 3.8 dB ± 3.4 dB
Radiated Emission	Level accuracy (9kHz to 30MHz)	± 3.68 dB	N/A
Radiated Emission	Level accuracy (30MHz to 1000MHz)	± 3.48 dB	± 5.3 dB
Radiated Emission	Level accuracy (above 1000MHz)	± 3.90 dB	± 5.2 dB

(1) Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus.

(2) The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

3. TEST RESULTS

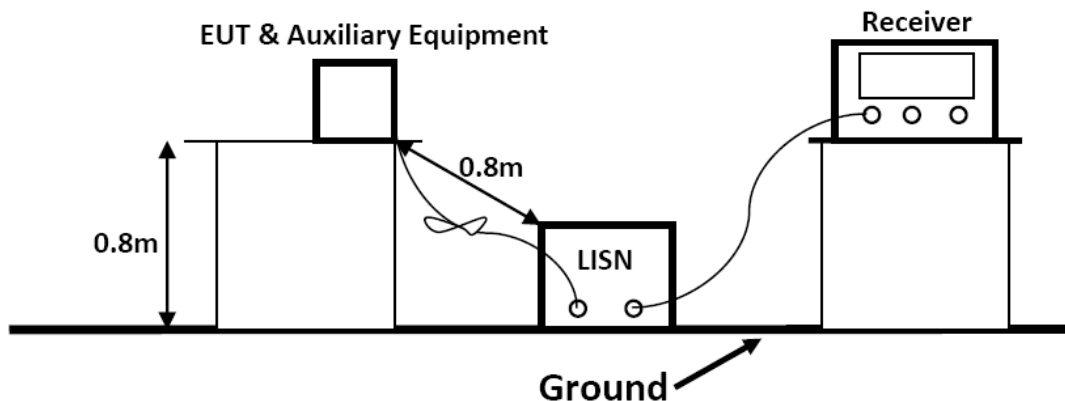
3.1. POWER LINE CONDUCTED EMISSION MEASUREMENT

3.1.1. Test Equipment

The following test equipments are used during the power line conducted measurement:

Item	GLCS Number	Test Equipment	Model No.	Manufacturer	Due date
1	GLCS-E-002	Shield Room#1	433	Maorui	N/A
2	GLCS-E-158	EMI Test Receiver	ESR7	ROHDE & SCHWARZ	2027/04/06
3	GLCS-E-017	EMI Test Software	EZ-EMC	Farad	N/A
4	GLCS-E-011	Artificial Mains Network	ESH2-Z5	ROHDE & SCHWARZ	2027/01/13
5	GLCS-E-080	10dB Attenuator	VTSD 9561-F	Schwarzbeck	2027/04/06

3.1.2. Block Diagram of Test Setup



3.1.3. Test Standard

Power Line Conducted Emission Limits (Class B)

Frequency (MHz)			Limit (dB μ V)	
			Quasi-peak Level	Average Level
0.15	~	0.50	66.0 ~ 56.0 *	56.0 ~ 46.0 *
0.50	~	5.00	56.0	46.0
5.00	~	30.00	60.0	50.0

NOTE1-The lower limit shall apply at the transition frequencies.

NOTE2-The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

3.1.4. EUT Configuration on Test

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner, which tends to maximize its emission characteristics in a normal application.

3.1.5. Operating Condition of EUT

3.1.5.1. Setup the EUT as shown on Section 3.1.2

3.1.5.2. Turn on the power of all equipments.

3.1.5.3. Let the EUT work in measuring Mode 1 and measure it.

3.1.6. Test Procedure

The EUT system is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC/ANSI C63.4-2014 on Conducted Emission Measurement.

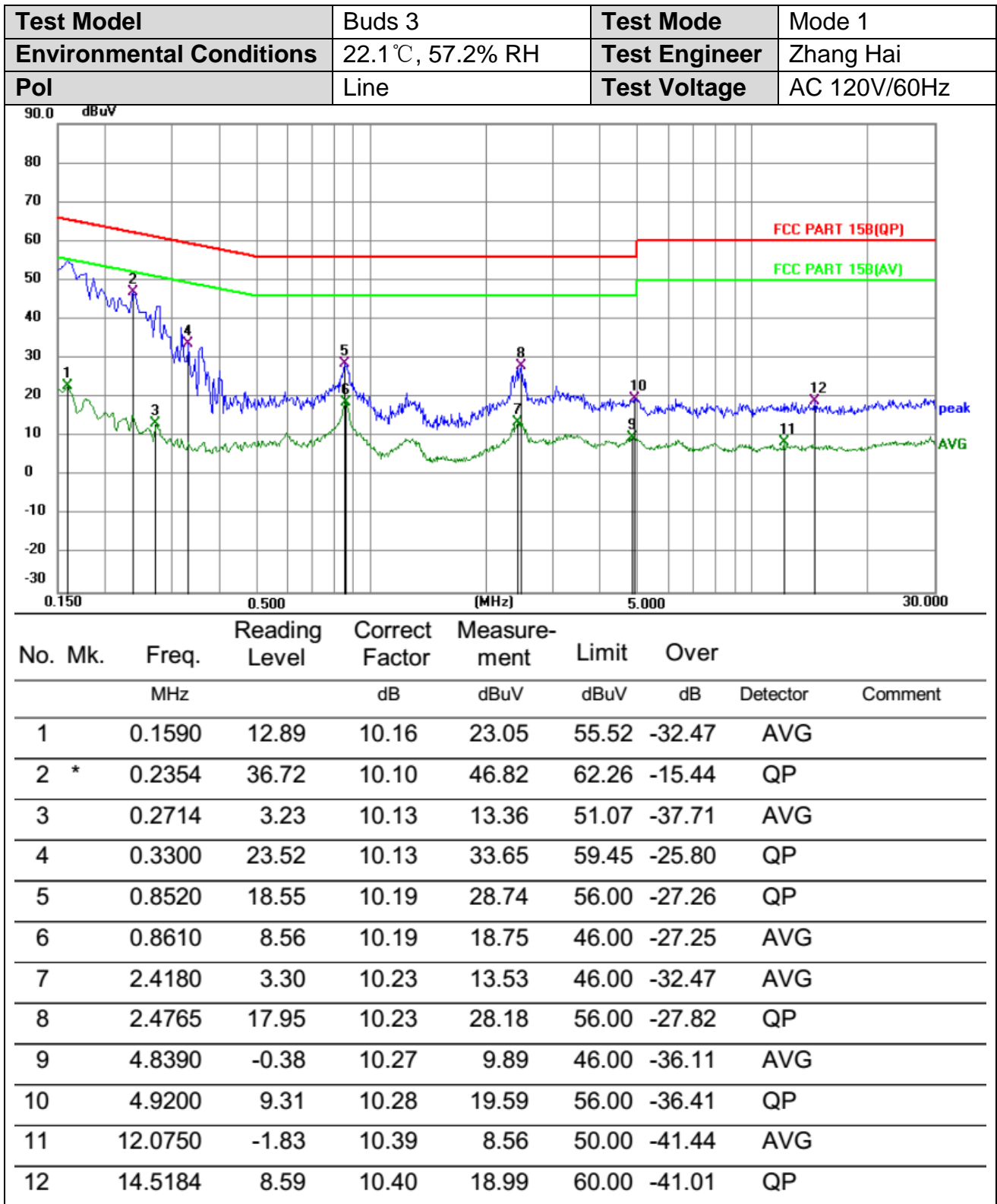
The bandwidth of the test receiver is set at 9kHz.

The frequency range from 150kHz to 30MHz is investigated

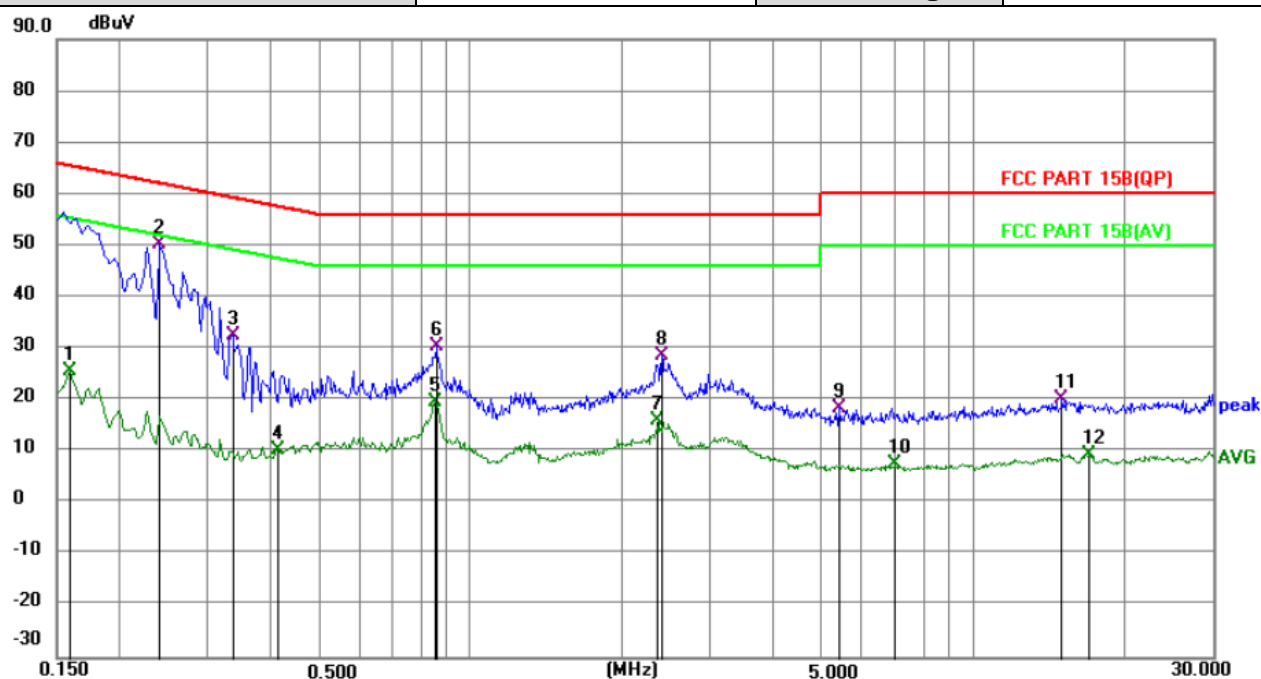
3.1.7. Test Results

PASS.

The test result please refer to the next page.



Test Model	Buds 3	Test Mode	Mode 1
Environmental Conditions	22.1℃, 57.2% RH	Test Engineer	Zhang Hai
Pol	Neutral	Test Voltage	AC 120V/60Hz



No.	Mk.	Freq. MHz	Reading Level dB	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1590	15.62	10.13	25.75	55.52	-29.77	AVG	
2	*	0.2400	40.26	10.11	50.37	62.10	-11.73	QP	
3		0.3345	22.52	10.08	32.60	59.34	-26.74	QP	
4		0.4110	0.41	10.05	10.46	47.63	-37.17	AVG	
5		0.8520	9.56	10.10	19.66	46.00	-26.34	AVG	
6		0.8565	20.30	10.10	30.40	56.00	-25.60	QP	
7		2.3594	5.69	10.24	15.93	46.00	-30.07	AVG	
8		2.4045	18.47	10.24	28.71	56.00	-27.29	QP	
9		5.3970	8.10	10.23	18.33	60.00	-41.67	QP	
10		7.0080	-2.65	10.23	7.58	50.00	-42.42	AVG	
11		15.0495	9.91	10.39	20.30	60.00	-39.70	QP	
12		16.9530	-0.89	10.38	9.49	50.00	-40.51	AVG	

Note: Margin= Reading level + Correct factor – Limit
Correct Factor= Lism Factor+Cable Factor

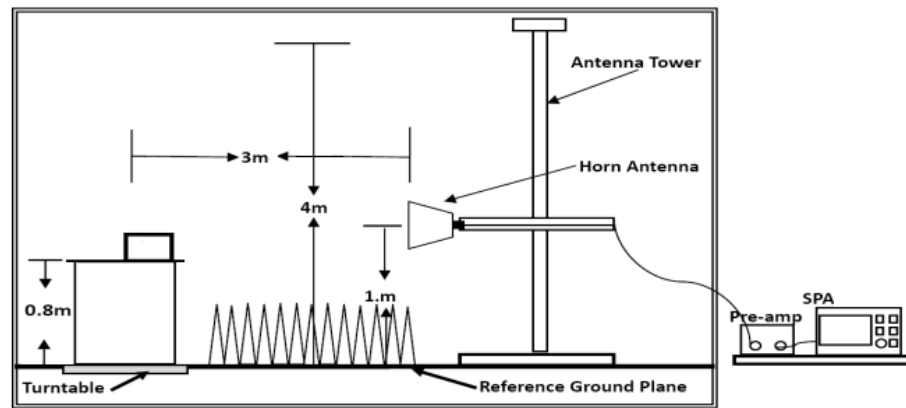
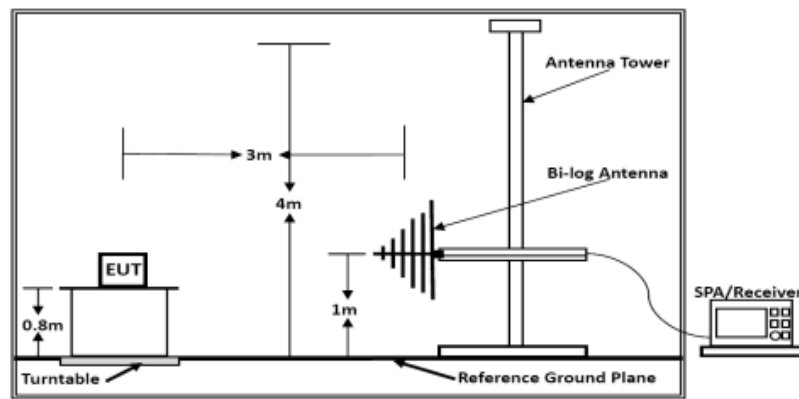
3.2. Radiated emission Measurement

3.2.1. Test Equipment

The following test equipments are used during the radiated emission measurement:

Item	GLCS Number	Test Equipment	Model No.	Manufacturer	Due date
1	GLCS-E-001	Semi Anechoic Chamber#1	966	Maorui	2027/04/20
2	GLCS-E-047	Hygrothermograph #5	3in1	Baro	2027/04/08
3	GLCS-E-017	EMI Test Software	EZ-EMC(Ver.FA-03A2 RE+)	Farad	N/A
4	GLCS-E-192	EMI Test Receiver	ESR7	ROHDE & SCHWARZ	2027/04/06
5	GLCS-E-019	Biconical Antenna	VHBB 9124	ROHDE & SCHWARZ	2026/07/18
6	GLCS-E-352	By-log Antenna	VULB 9163	ROHDE & SCHWARZ	2028/08/15
7	GLCS-E-286	Broadband Preamplifier	LNPA 30MO6G-40(18G Hz)	Cesheng Technology	2027/04/06

3.2.2. Block Diagram of Test Setup



3.2.3. Radiated Emission Limit (Class B)

Limits for Radiated Disturbance Below 1GHz			
FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
30 ~ 88	3	100	40
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46
960 ~ 1000	3	500	54
Remark: (1) Emission level $(\text{dB})\mu\text{V} = 20 \log \text{Emission level } \mu\text{V/m}$ (2) The smaller limit shall apply at the cross point between two frequency bands. (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.			
Limits for Radiated Emission Above 1GHz			
Frequency (MHz)	Distance (Meters)	Peak Limit ($\text{dB}\mu\text{V/m}$)	Average Limit ($\text{dB}\mu\text{V/m}$)
Above 1000	3	74	54
***Note: The lower limit applies at the transition frequency.			

3.2.4. EUT Configuration on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

3.2.5. Operating Condition of EUT

3.2.5.1. Setup the EUT as shown in Section 3.2.2.

3.2.5.2. Let the EUT work in test Mode 1 and measure it.

3.2.6. Test Procedure

EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated by-log antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2014 on radiated emission measurement.

3.2.7. Measuring Instruments and Setting

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

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB/VB 200Hz/1KHz for QP/AVG
Start ~ Stop Frequency	150kHz~30MHz / RB/VB 9kHz/30KHz for QP/AVG
Start ~ Stop Frequency	30MHz~1000MHz / RB/VB 120kHz/1MHz for QP

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 1/B kHz for Average
RB / VB (Emission in non-restricted band)	1MHz / 1MHz for Peak, 1 MHz / 1/B kHz for Average

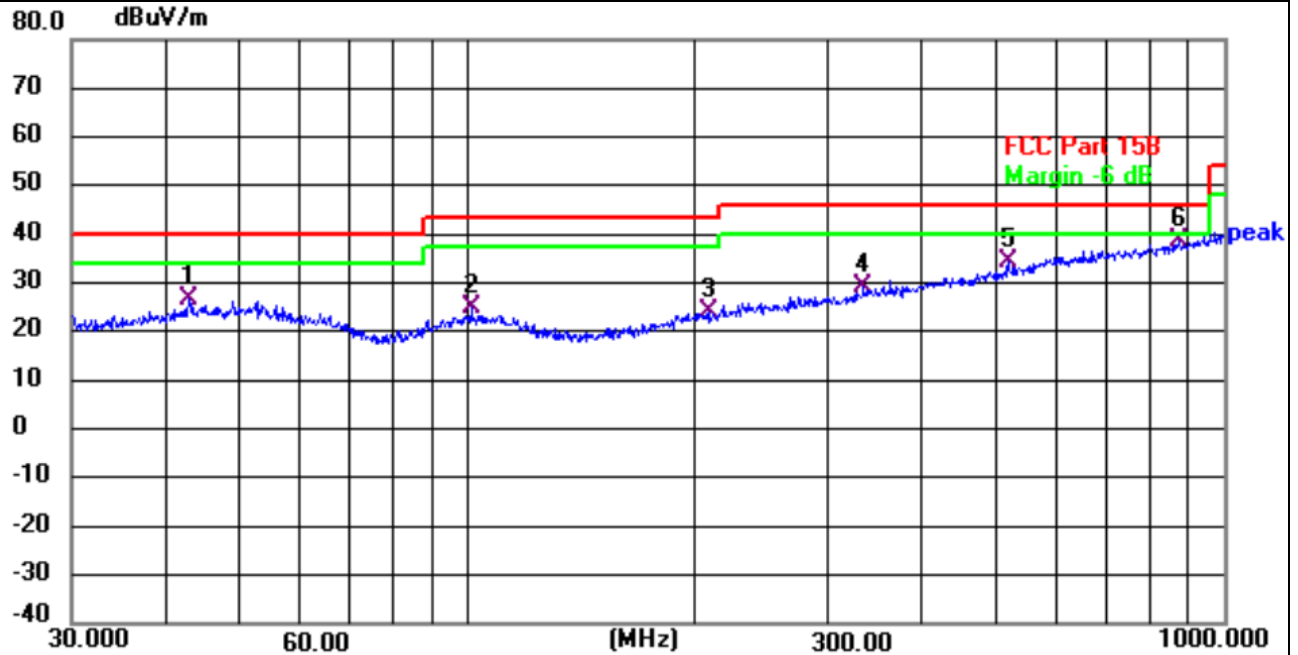
The frequency range from 30MHz to 1000MHz and above 1000MHz is checked.

3.2.8. Radiated Emission Noise Measurement Result

PASS.

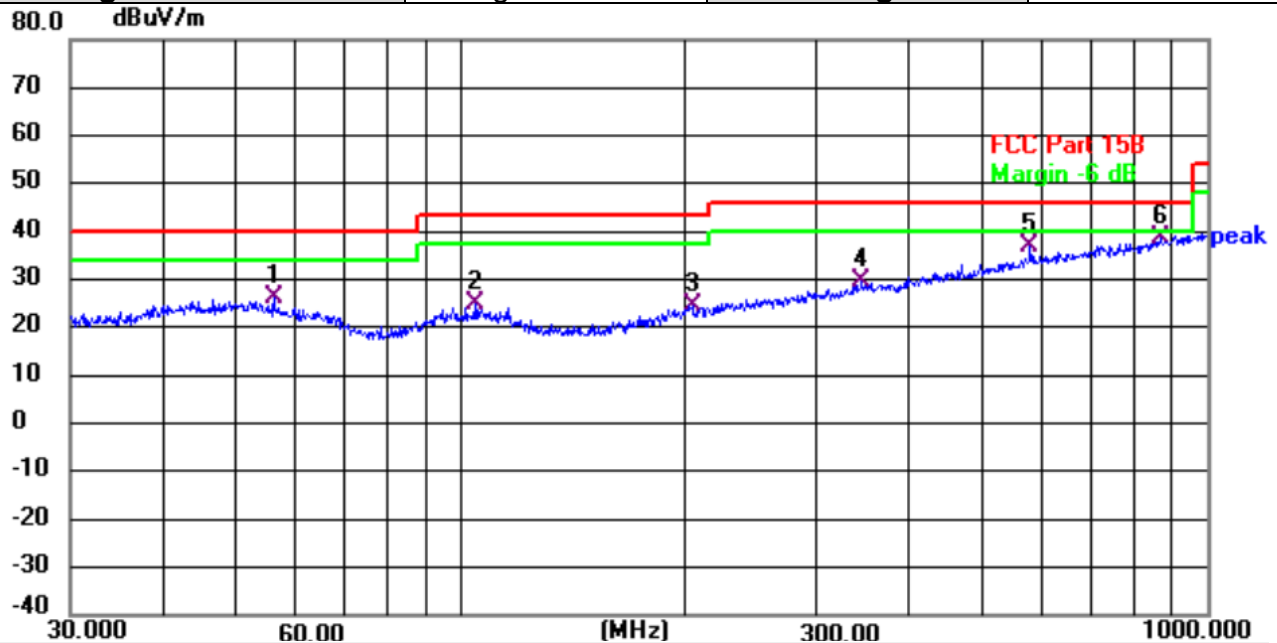
The scanning waveforms please refer to the next page.

Test Model	Buds 3	Test Mode	Mode 1
Environmental Conditions	23.5°C, 52.1% RH	Detector Function	Quasi-peak
Pol	Horizontal	Distance	3m
Test Engineer	Zhang Hai	Test Voltage	AC 120V/60Hz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		42.8997	6.32	20.52	26.84	40.00	-13.16	QP	
2		101.2883	5.61	19.11	24.72	43.50	-18.78	QP	
3		208.5801	5.13	19.08	24.21	43.50	-19.29	QP	
4		333.6865	6.02	23.27	29.29	46.00	-16.71	QP	
5		519.0650	7.27	26.95	34.22	46.00	-11.78	QP	
6	*	875.2470	6.35	32.28	38.63	46.00	-7.37	QP	

Test Model	Buds 3	Test Mode	Mode 1
Environmental Conditions	23.5°C, 52.1% RH	Detector Function	Quasi-peak
Pol	Vertical	Distance	3m
Test Engineer	Zhang Hai	Test Voltage	AC 120V/60Hz

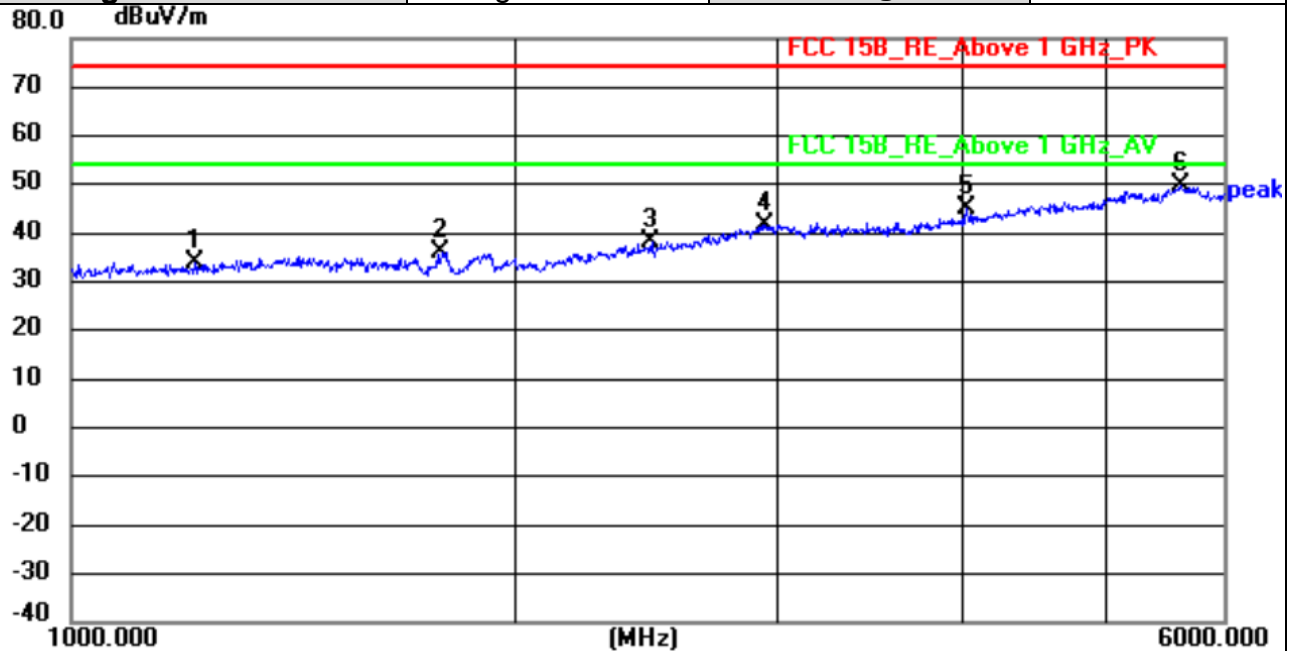


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		56.1974	6.01	20.02	26.03	40.00	-13.97	QP	
2		104.9031	5.31	19.41	24.72	43.50	-18.78	QP	
3		204.2376	5.32	19.17	24.49	43.50	-19.01	QP	
4		344.3854	6.15	23.57	29.72	46.00	-16.28	QP	
5		578.6700	8.81	28.29	37.10	46.00	-8.90	QP	
6	*	866.0880	6.25	32.33	38.58	46.00	-7.42	QP	

Note: Margin= Reading Level+Correct Factor – Limit

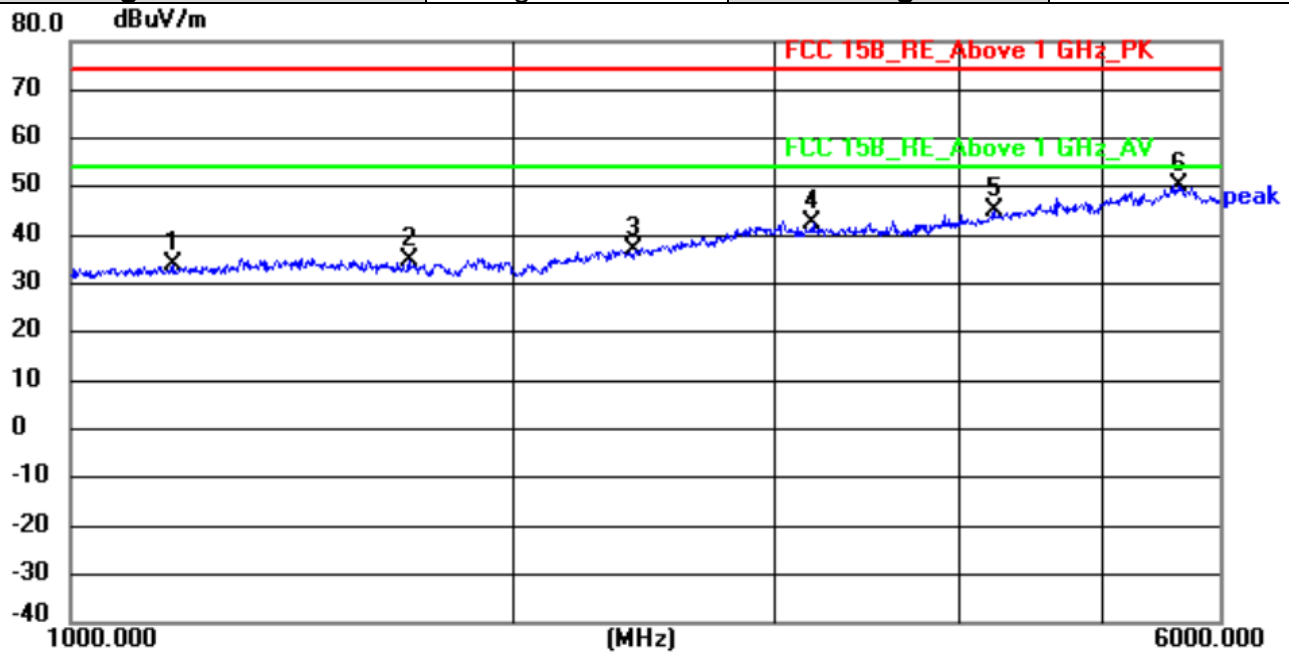
Correct Factor=Antenna Factor+Cable Factor – Pre-Amplifier Factor

Test Model	Buds 3	Test Mode	Mode 1 (Above 1GHz)
Environmental Conditions	23.5℃, 52.1% RH	Detector Function	Peak + AV
Pol	Horizontal	Distance	3m
Test Engineer	Zhang Hai	Test Voltage	AC 120V/60Hz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector Comment
1		1213.502	48.49	-14.63	33.86	74.00	-40.14	peak
2		1780.593	47.95	-11.70	36.25	74.00	-37.75	peak
3		2467.108	46.27	-8.12	38.15	74.00	-35.85	peak
4		2940.675	45.03	-3.18	41.85	74.00	-32.15	peak
5		4023.681	43.32	1.80	45.12	74.00	-28.88	peak
6	*	5615.128	40.34	9.42	49.76	74.00	-24.24	peak

Test Model	Buds 3	Test Mode	Mode 1 (Above 1GHz)
Environmental Conditions	23.5℃, 52.1% RH	Detector Function	Peak + AV
Pol	Vertical	Distance	3m
Test Engineer	Zhang Hai	Test Voltage	AC 120V/60Hz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1172.885	48.70	-14.70	34.00	74.00	-40.00	peak	
2		1696.503	46.64	-12.03	34.61	74.00	-39.39	peak	
3		2410.306	45.21	-8.29	36.92	74.00	-37.08	peak	
4		3187.600	44.64	-2.01	42.63	74.00	-31.37	peak	
5		4223.122	42.08	2.90	44.98	74.00	-29.02	peak	
6	*	5625.198	40.75	9.51	50.26	74.00	-23.74	peak	

Note:

- Field strength limits for frequency above 1000MHz are based on average limits. However, Peak mode field strength shall not exceed the average limits specified plus 20dB.
- Measurements above show only up to 6 maximum emissions noted.
- Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- Factor = Antenna Factor + Cable Loss + Amplifier Factor
Emission Level = Reading level + Factor
Margin = Emission Level - Limit

4. PHOTOGRAPH



Photo of Power Line Conducted Measurement



Photo of Radiated Measurement(Below 1GHz)



Photo of Radiated Measurement (Above 1GHz)

5. EXTERNAL AND INTERNAL PHOTOS OF THE EUT

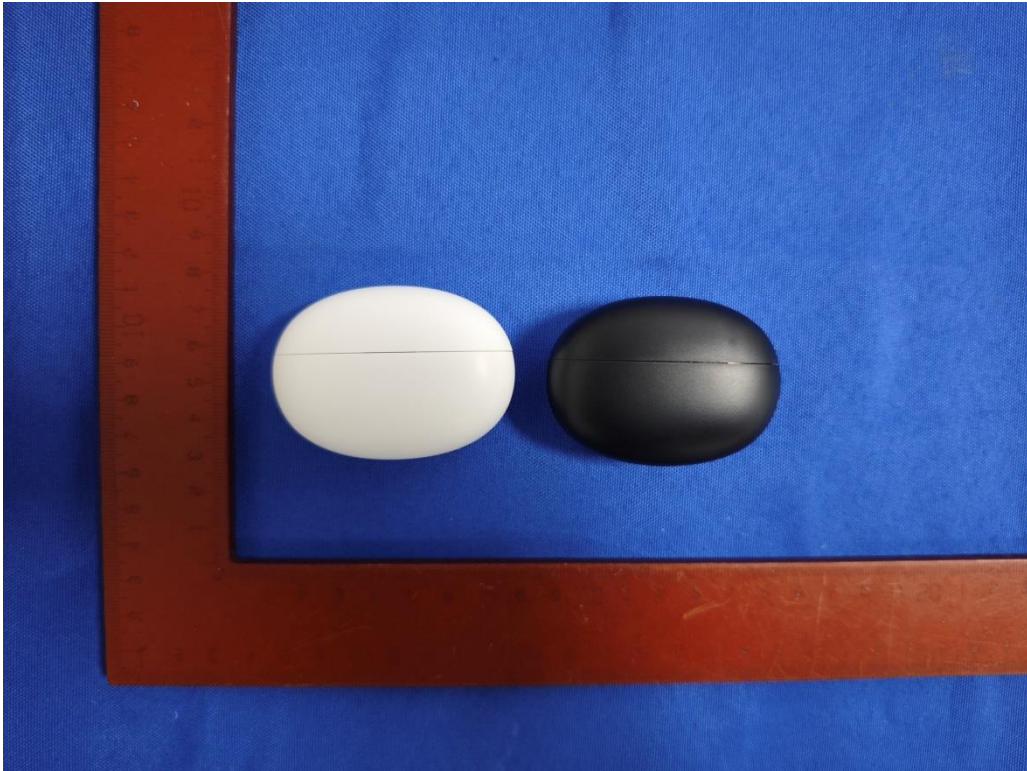


Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12



Fig. 13



Fig. 14

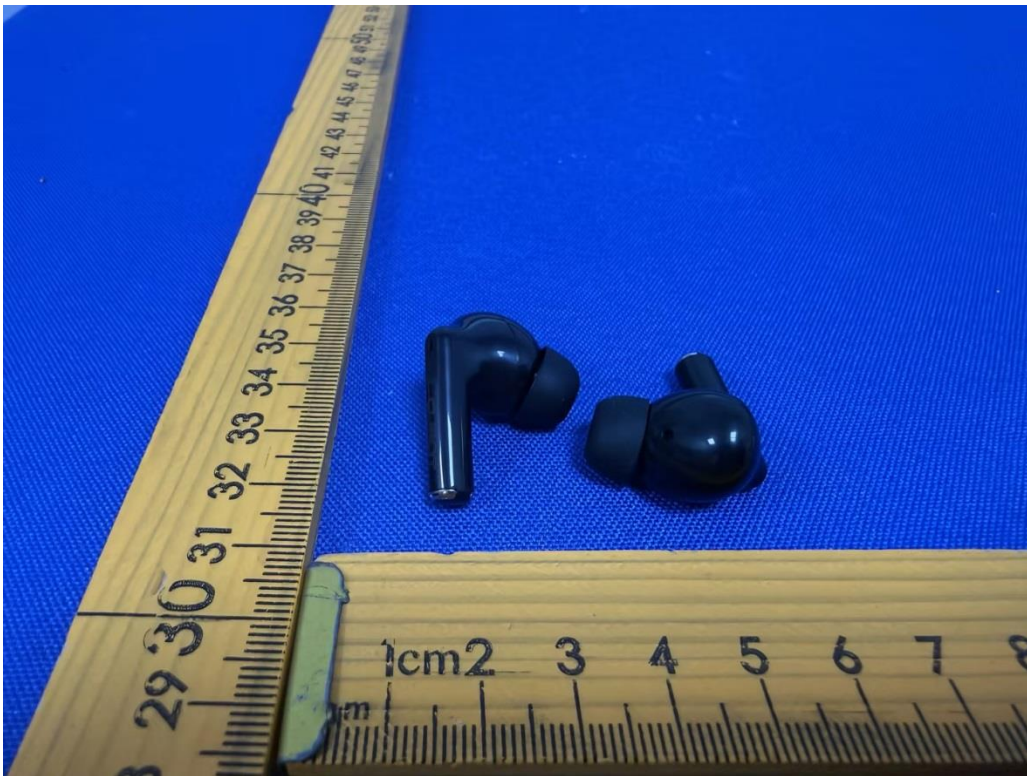


Fig. 15

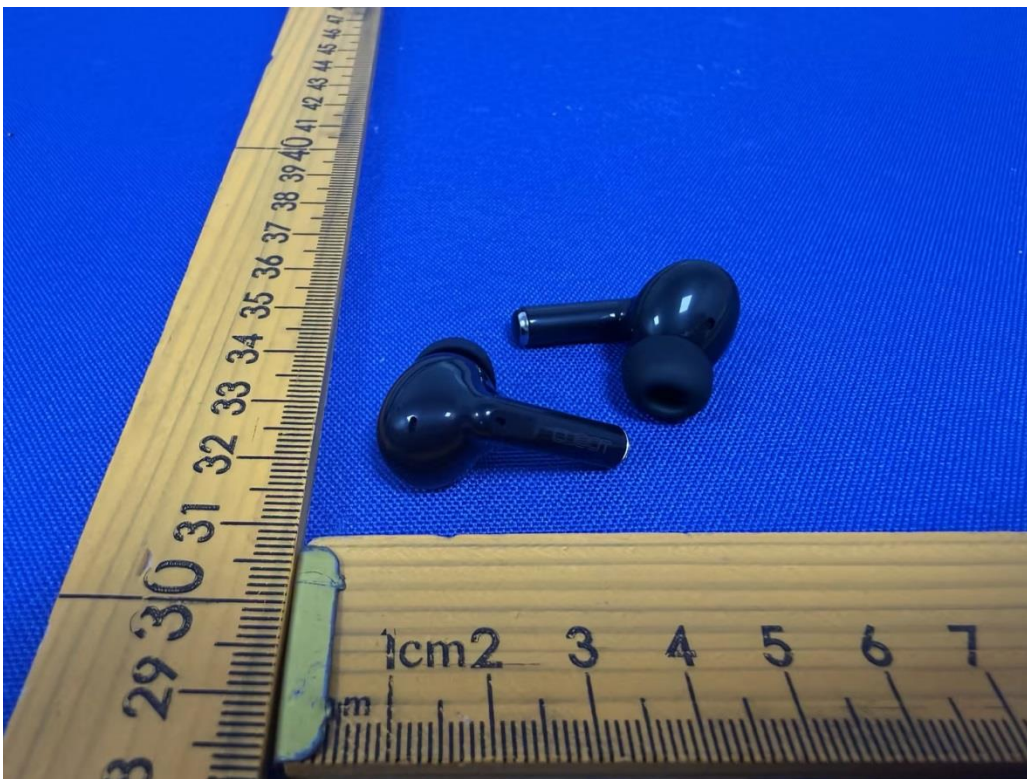


Fig. 16



Fig. 17

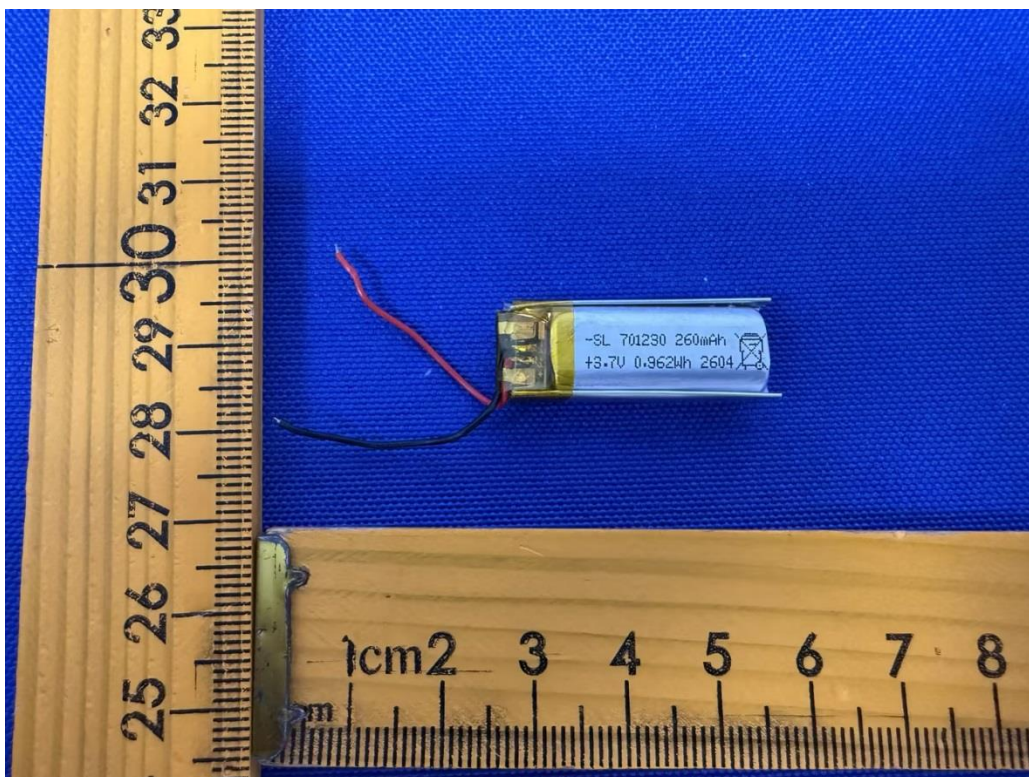


Fig. 18

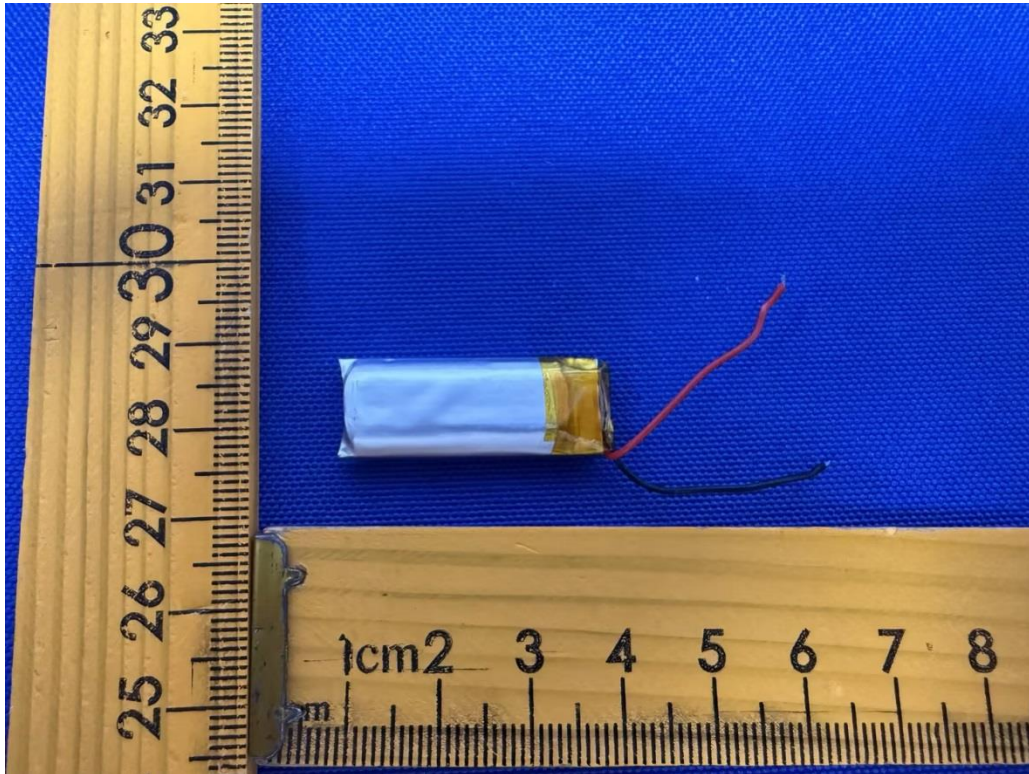


Fig. 19



Fig. 20



Fig. 21

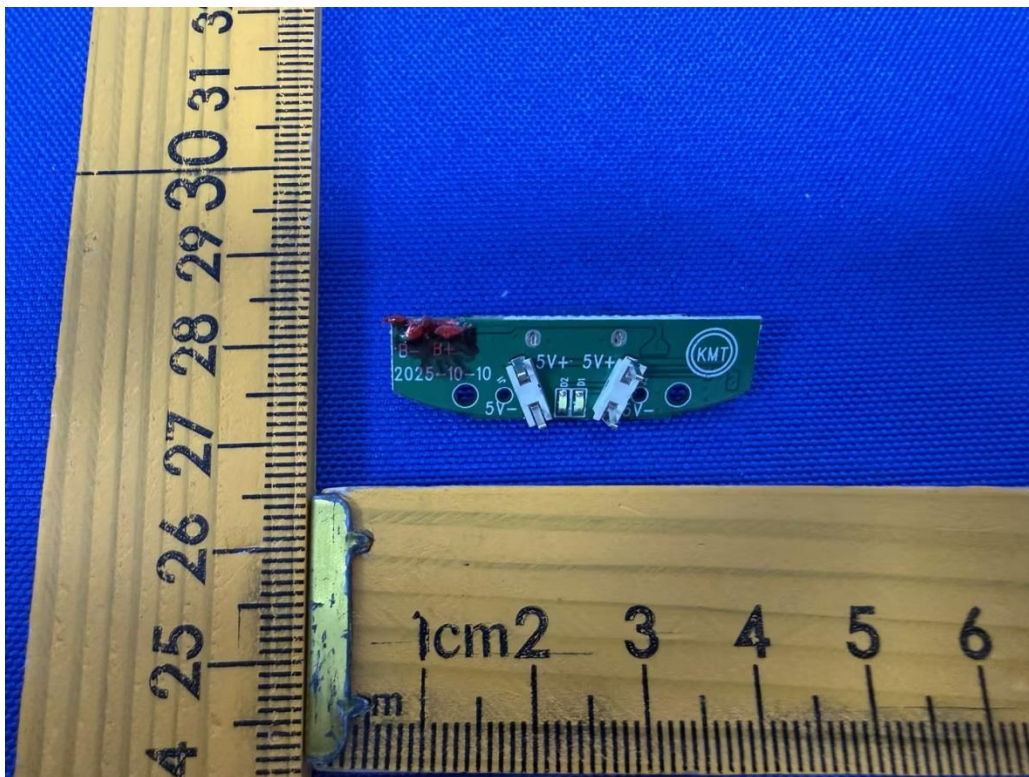


Fig. 22

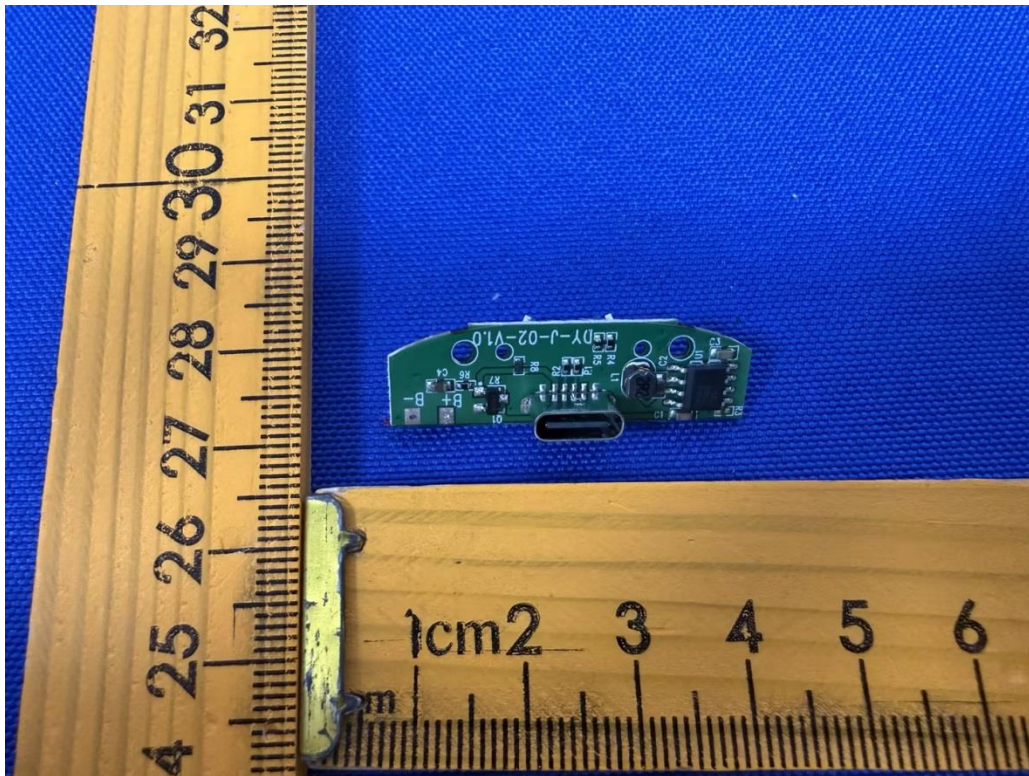


Fig. 23



Fig. 24

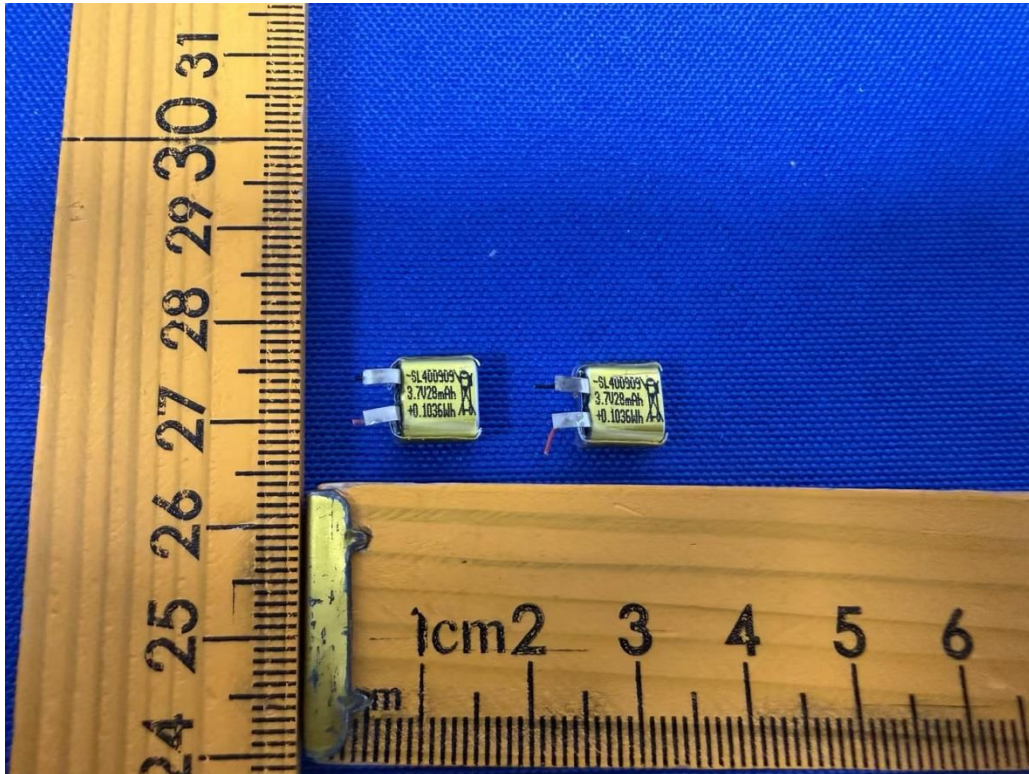


Fig. 25

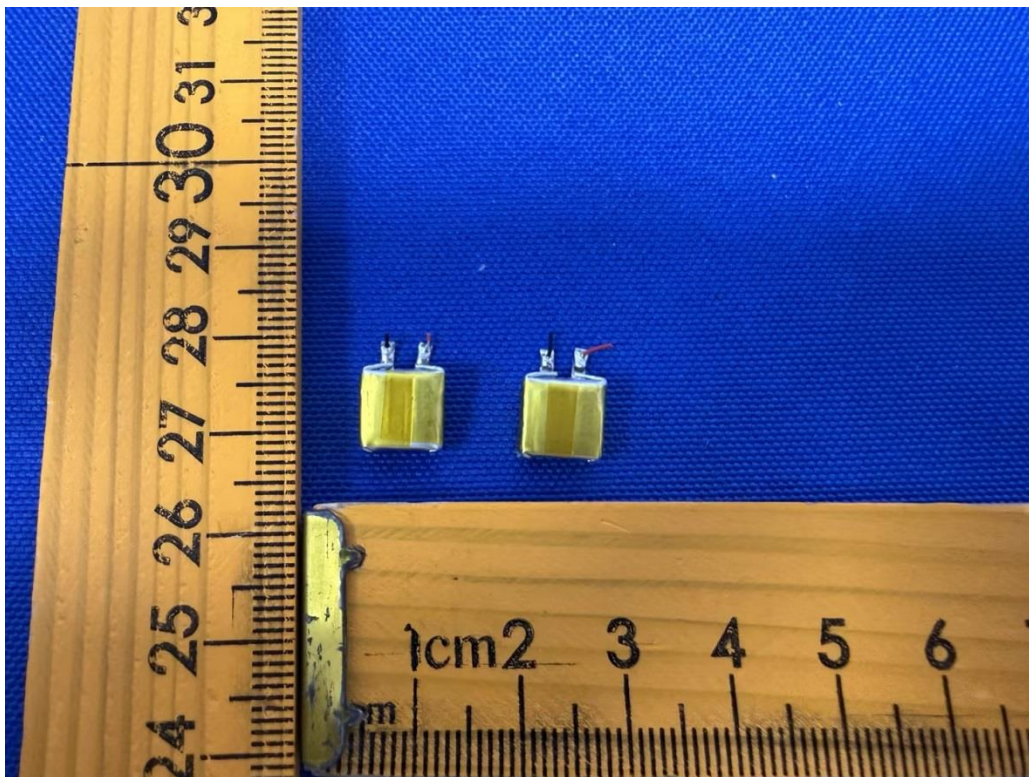


Fig. 26

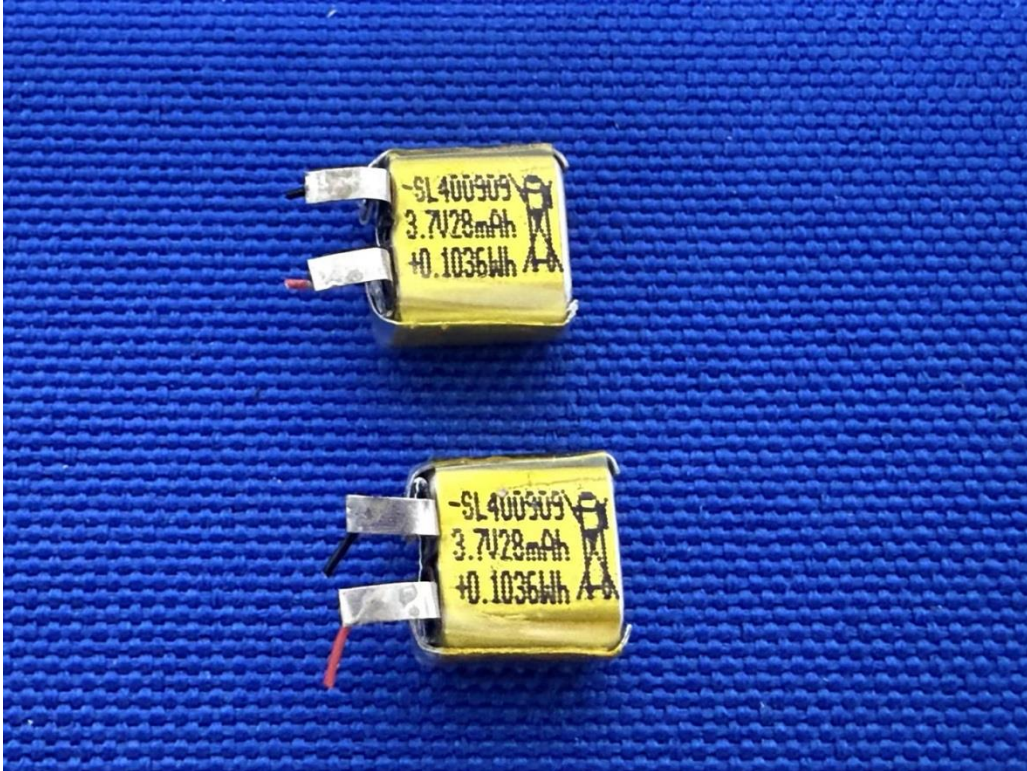


Fig. 27

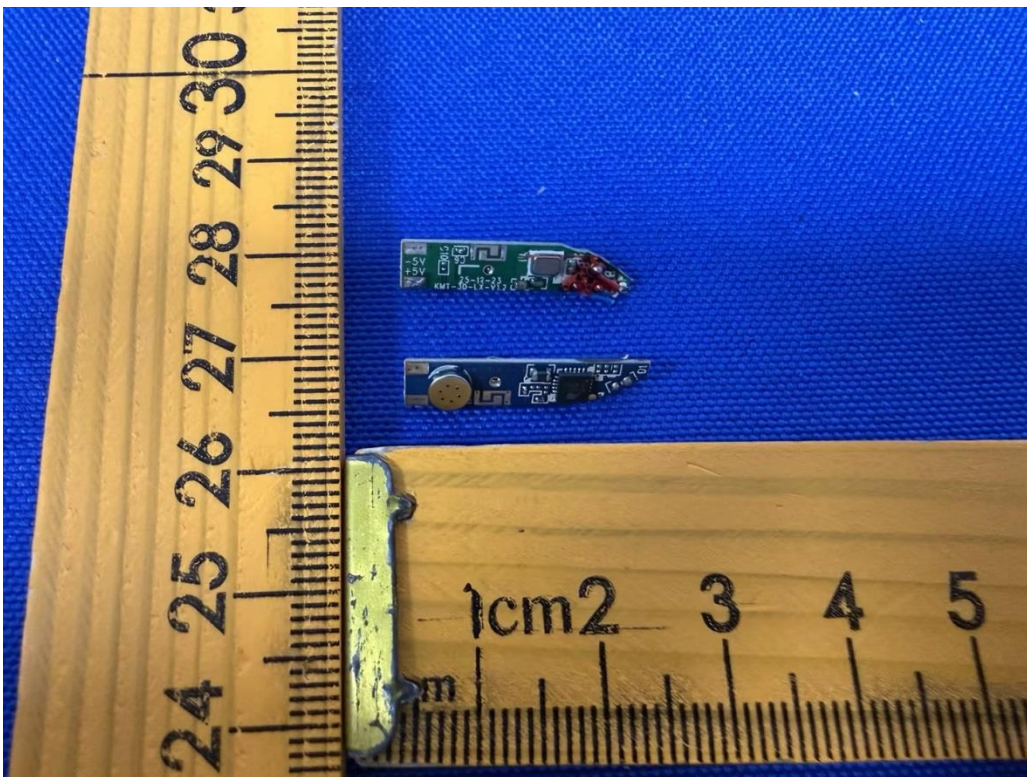


Fig. 28

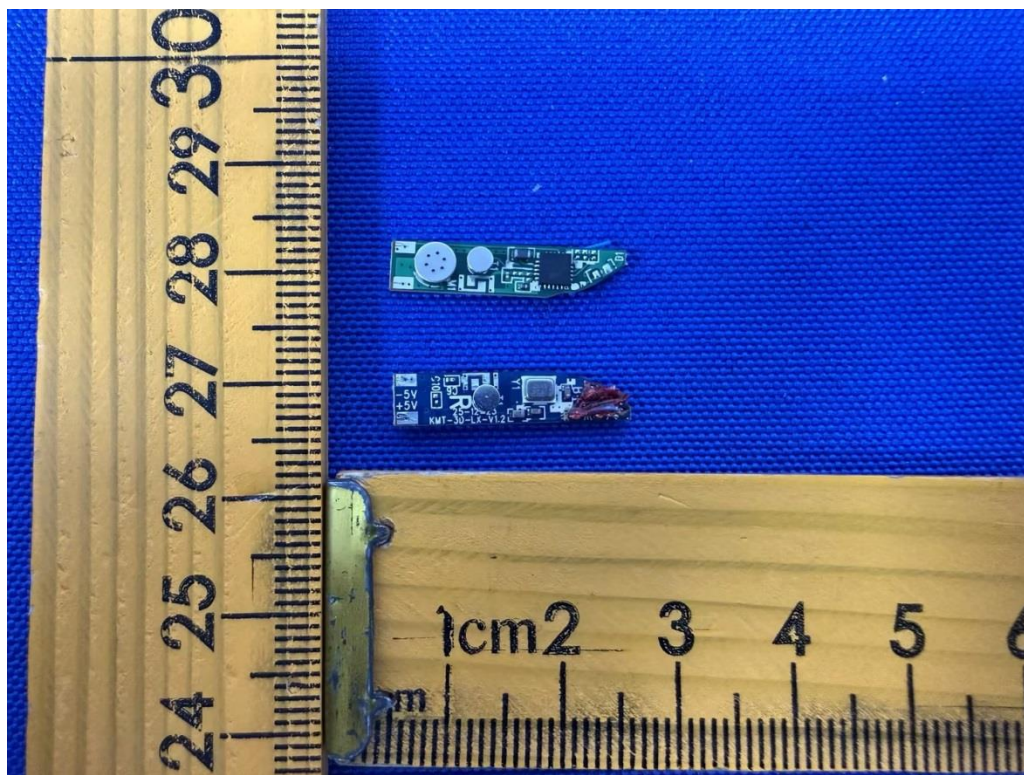


Fig. 29

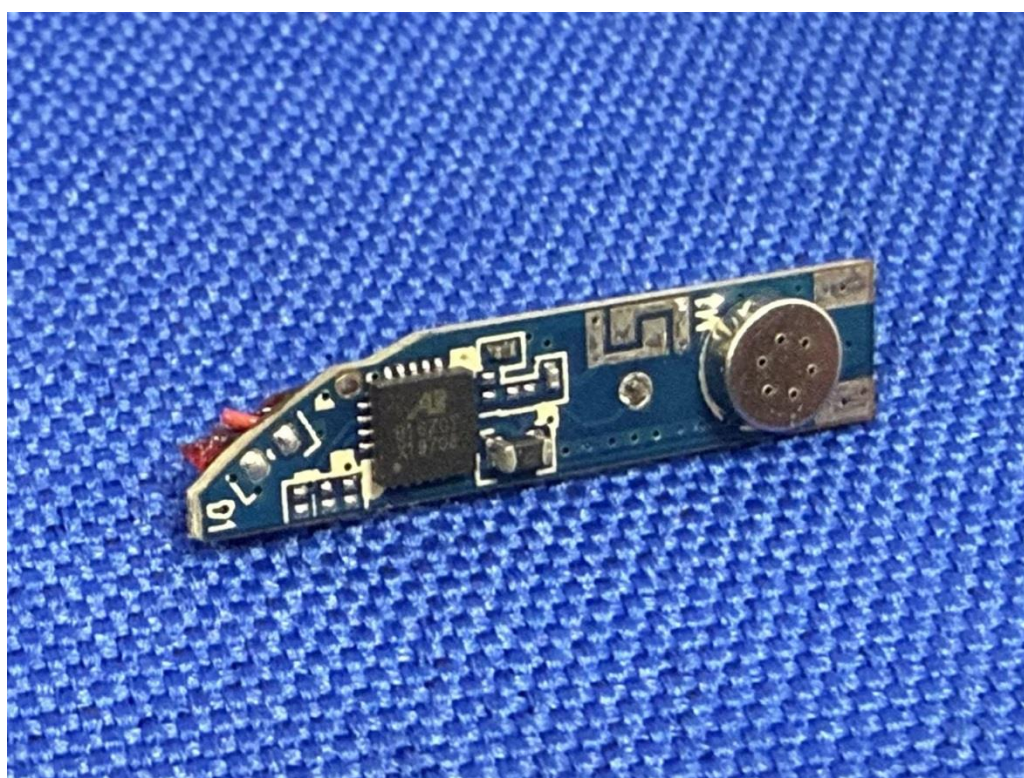


Fig. 30

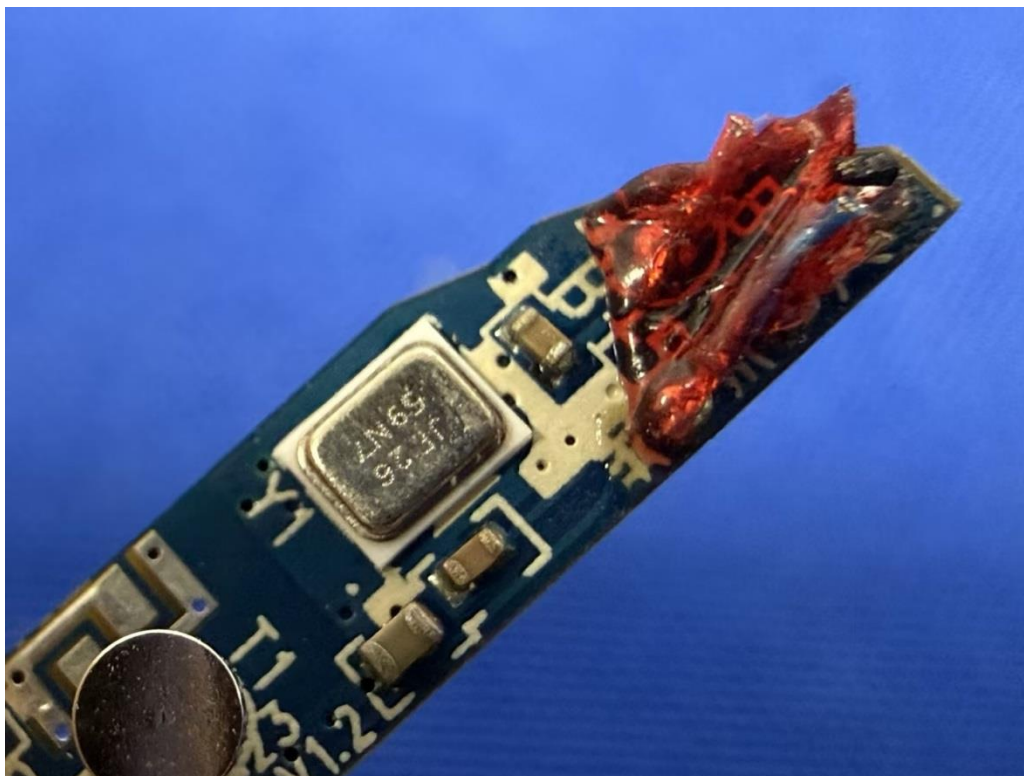


Fig. 31

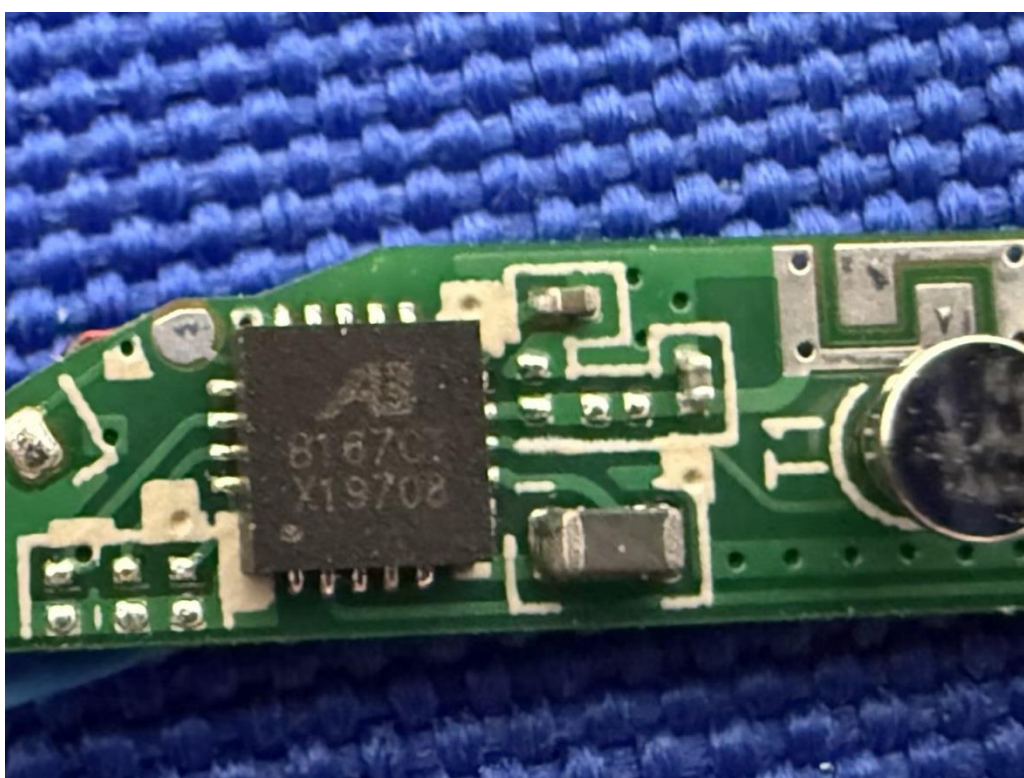


Fig. 32

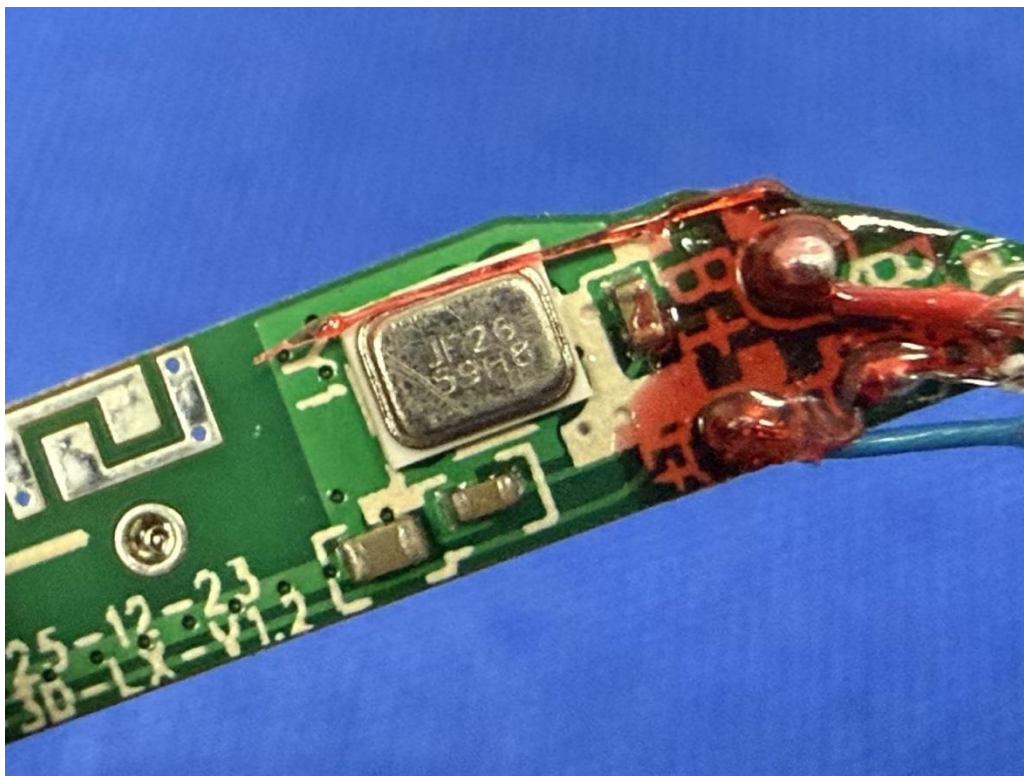


Fig. 33

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