



TEST REPORT

For RF Expose

Report No..... : CHTW26065050

Project No : SHT2605006501W

FCC ID : 2BSPV-ITEBLNW01B

Applicant's name : Xiamen ClearTone Hearing Technologies CO.,LTD

Address..... : 9th Floor, No. 37 Houxiang West Road, Haicang District, Xiamen City, Fujian Province

Product Name : Hearing Aids

Trade Mark..... : 

Model No..... : BL90NW

Listed Model(s) : -

Standard : **FCC Part 2 (Section 2.1093)**

Date of receipt of test sample..... : 2026/5/13

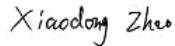
Date of testing..... : 2026/5/14 –2026/6/10

Date of issue..... : 2026/6/11

Result..... : **Pass**



CHT26065050

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Testing Laboratory Name : Shenzhen Huatongwei International Inspection Co., Ltd.

Address..... : Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong, China

Test Report Form No. : R0066

Test Report Form(s) Originator : Shenzhen Huatongwei International Inspection Co., Ltd.

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1. TEST STANDARDS AND REPORT VERSION

1.1. Test standards

The tests were performed according to following standards:

[FCC Part 2 \(Section 2.1093\)](#)- Radiofrequency radiation exposure evaluation: portable devices.
[KDB 447498 D04 Interim General RF Exposure Guidance v01](#)- RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices
[FCC Part 1 \(Section 1.1307\)](#)- Actions that may have a significant environmental effect, for which Environmental Assessments (EAs) must be prepared.

1.2. Report version information

Revision No.	Date of issue	Description
N/A	2026-06-11	Original

2. SUMMARY

2.1. Client Information

Applicant:	Xiamen ClearTone Hearing Technologies CO.,LTD
Address:	9th Floor, No. 37 Houxiang West Road, Haicang District, Xiamen City, Fujian Province
Manufacturer:	Xiamen ClearTone Hearing Technologies CO.,LTD
Address:	9th Floor, No. 37 Houxiang West Road, Haicang District, Xiamen City, Fujian Province

2.2. Product Description

Product Name:	Hearing Aids
Trade Mark:	
Model No.:	BL90NW
Listed Model(s):	-
Power supply:	DC 3.6V from Battery
Hardware version:	V1.0
Software version:	V1.0
RF Exposure Environment:	General Population/Uncontrolled

2.3. Radio Specification Description

Bluetooth	
Supported type:	☒ LE-1Mbps ☒ LE-2Mbps

Note: Please refer to RF report for detailed technical specifications

2.4. Testing Laboratory Information

Laboratory Name	Shenzhen Huatongwei International Inspection Co., Ltd.
Laboratory Location	Building 7, Baiwang Idea Factory, No.1051, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong, China
Contact information:	Tel: 400-963-0755 E-mail: cs@szhtw.com.cn http://www.szhtw.com.cn

3. RF EXPOSURE

LIMIT:

KDB 447498 D04 Interim General RF Exposure Guidance v01

Appendix B Exemptions for Single RF Sources

B.3 MPE-based Exemption and B.4 SAR-based Exemption:

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B.1})$$

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B.2})$$

where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1).

TEST RESULT

☒ Passed ☐ Not Applicable

Radio Type	Frequency range (MHz)	Conducted Power(dBm)	Conducted Maximum Tune-up(dBm)	Ant Gain(dBi)	Maximum ERP/EIRP (dBm)	Maximum ERP/EIRP (mW)	Minimum Separation Distance(mm)	Pth* (mW)
Bluetooth	2402-2480	2.05	2.50	-1.80	0.70	1.17	5	2.79

Note:

- 1) The safety distance for body exposure assessment is 5mm
- 2) The maximum antenna gain is 0dBi

4. EXTERNAL AND INTERNAL PHOTOS OF THE EUT

Reference to the test report No. CHTW26065049

-----End of Report-----