



TEST REPORT

For RF Expose

Report No..... : CHTW26065023
Project No : SHT2603025201W
FCC ID : 2AK5KU90BMAX26009
Applicant's name : Shenzhen Urion Technology Co., Ltd.
Address..... : 4F to 6F of Bld D Jiale Ind Zone No.3,ChuangWei Road ,MaTian St,GuangMing New Dist,Shenzhen,china
Product Name : Automatic Electronic Blood Pressure Monitor
Trade Mark..... : -
Model No..... : U90B Max
Listed Model(s) : U91B,U92B,U90B,U90B Pro,U90B Plus,U90C
Standard : **FCC Part 2 (Section 2.1093)**
Date of receipt of test sample..... : 2026/4/17
Date of testing..... : 2026/4/17- 2026/5/29
Date of issue..... : 2026/6/3
Result..... : **Pass**



CHTW26065023

Compiled by (Position+Printed name+Signature) :	File administrator	Xiaodong Zhao	<i>Xiaodong Zhao</i>
Supervised by (Position+Printed name+Signature) :	Project Engineer	Kiki Kong	<i>Kiki Kong</i>
Approved by (Position+Printed name+Signature) :	RF Manager	Xu Yang	<i>Xu Yang</i>

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.
Master TRF : Dated 2025-07

Shenzhen Huatongwei International Inspection Co., Ltd. All rights reserved.

This publication may be reproduced in whole or in part for non-commercial purposes as long as the Shenzhen Huatongwei International Inspection Co., Ltd. is acknowledged as copyright owner and source of the material. Shenzhen Huatongwei International Inspection Co., Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context. The test report merely correspond to the test sample. The authenticity of this Test Report and its contents can be verified by contacting the Laboratory, responsible for this Test Report.

Contents

<u>1.</u>	<u>TEST STANDARDS AND REPORT VERSION</u>	<u>3</u>
1.1.	Test standards	3
1.2.	Report version information	3
<u>2.</u>	<u>SUMMARY</u>	<u>4</u>
2.1.	Client Information	4
2.2.	Product Description	4
2.3.	Radio Specification Description	4
2.4.	Testing Laboratory Information	4
<u>3.</u>	<u>RF EXPOSURE</u>	<u>5</u>

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	2026-06-03	Original

2. SUMMARY

2.1. Client Information

Applicant:	Shenzhen Urion Technology Co., Ltd.
Address:	4F to 6F of Bld D Jiale Ind Zone No.3,ChuangWei Road ,MaTian St,GuangMing New Dist,Shenzhen,china
Manufacturer:	Shenzhen Urion Technology Co., Ltd.
Address:	4F to 6F of Bld D Jiale Ind Zone No.3,ChuangWei Road ,MaTian St,GuangMing New Dist,Shenzhen,china
Factory:	Shenzhen Urion Technology Co., Ltd.
Address:	4F to 6F of Bld D Jiale Ind Zone No.3,ChuangWei Road ,MaTian St,GuangMing New Dist,Shenzhen,china

2.2. Product Description

Product Name:	Automatic Electronic Blood Pressure Monitor
Trade Mark:	-
Model No.:	U90B Max
Listed Model(s):	U91B,U92B,U90B,U90B Pro,U90B Plus,U90C
Power supply:	DC 6.0V from dry Battery or DC 5.0V from adapter
Hardware version:	V1.00
Software version:	U2.6.7

2.3. Radio Specification Description

Bluetooth	
Supported type:	☐ BR ☐ EDR ☒ 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	-0.38	-0.30	-0.273	-0.573	0.88	5	2.79

Note:

- 1) The safety distance for body exposure assessment is 5mm
- 2) The maximum antenna gain is -0.273dBi

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