



TEST REPORT

For RF Exposure

Report No..... : CHTW25120099

Project No : SHT2511045001W

FCC ID : 2BTJ924227

Applicant's name : Xinxiang Alpha Manufacturing Ltd.

Address : West of Beihuan Road, Muye District, Xinxiang City, Henan Province, China.

Product Name : WALKIE TALKIES

Trade Mark..... : -

Model No..... : SR24227

Listed Model(s) : 14507425, SE10352, SR242271, SR242272, SR242273

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

Date of receipt of test sample..... : 2025/12/3

Date of testing..... : 2025/12/8- 2025/12/12

Date of issue..... : 2025/12/16

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



CHTW25120099

Compiled by
(Position+Printed name+Signature) : File administrator Kiki Kong

Supervised by
(Position+Printed name+Signature) : Project Engineer Xiaodong Zhao

Approved by
(Position+Printed name+Signature) : RF Manager Xu Yang

Kiki Kong

Xiaodong Zhao

Xu Yang

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

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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	2025-12-16	Original

2. SUMMARY

2.1. Client Information

Applicant:	Xinxiang Alpha Manufacturing Ltd.
Address:	West of Beihuan Road, Muye District, Xinxiang City, Henan Province, China.
Manufacturer:	Xinxiang Alpha Manufacturing Ltd.
Address:	West of Beihuan Road, Muye District, Xinxiang City, Henan Province, China.

2.2. Product Description

Product Name:	WALKIE TALKIES
Trade Mark:	-
Model No.:	SR24227
Listed Model(s):	14507425, SE10352, SR242271, SR242272, SR242273
Power supply:	DC 4.5V from 3*AAA battery
Hardware version:	VER200
Software version:	VER 1.8
RF Exposure Environment:	☒ General Population/Uncontrolled ☐ Occupational/Controlled

2.3. Radio Specification Description

FRS	
Operation Frequency Range:	462.5625MHz
Modulation Type:	FM
Channel Bandwidth:	12.5kHz

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	
Connect information:	Tel: 400-963-0755 E-mail: cs@szhtw.com.cn http://www.szhtw.com.cn	
Qualifications	Type	Accreditation Number
	FCC	762235

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)	Maximum ERP/EIRP (dBm)	Maximum Tune-up (dBm)	Maximum Tune-up (mW)	Minimum Separation Distance (mm)	Pth* (mW)
FRS	462.5625	5.86	7.00	5.01	5	21.28

Note:

The safety distance for head and body exposure assessment is 5mm.

4. EXTERNAL AND INTERNAL PHOTOS OF THE EUT

Reference to the test report No.: CHTW25120104

--- End of Report ---