



TEST REPORT

No.I23N00746-MPE

For

Guilin Zhishen Information Technology Co., Ltd.

CRANE 4

Model Name: CR122

With

Hardware Version: V1.0

Software Version: V1.75

FCC ID: 2AIHFZYCR122

Issued Date: 2023-05-26

Designation Number: CN1210

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of SAICT.

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REPORT HISTORY

Report Number	Revision	Description	Issue Date
I23N00746-MPE	Rev.0	1st edition	2023-05-26



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1. Summary of Test Report

1.1. Test Items

Description: CRANE 4
Model Name: CR122
Applicant's Name: Guilin Zhishen Information Technology Co., Ltd.
Manufacturer's Name: Guilin Zhishen Information Technology Co., Ltd.

1.2. Test Standards

KDB 447498 D01 General RF Exposure Guidance v06

1.3. Test Result

Pass

1.4. Testing Location

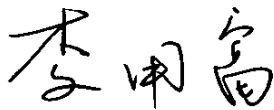
Address: Building G, Shenzhen International Innovation Center, No.1006 Shennan Road, Futian District, Shenzhen, Guangdong, P. R. China

1.5. Project Data

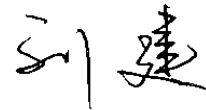
Testing Start Date: 2023-05-25

Testing End Date: 2023-05-25

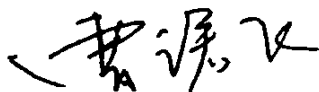
1.6. Signature



Li Yongfu
(Prepared this test report)



LiuJian
(Reviewed this test report)



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(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name:	Guilin Zhishen Information Technology Co., Ltd.
Address:	09 Huangtong Road, Tieshan Industrial Zone, Qixing District, Guilin, Guangxi, China.
City:	Guilin
Country:	China
Telephone:	+86 13066932837

2.2. Manufacturer Information

Company Name:	Guilin Zhishen Information Technology Co., Ltd.
Address:	09 Huangtong Road, Tieshan Industrial Zone, Qixing District, Guilin, Guangxi, China.
City:	Guilin
Country:	China
Telephone:	+86 13066932837

3. Equipment under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description:	CRANE 4
Model name:	CR122
Condition of EUT as received:	No obvious damage in appearance
Frequency Bands:	Bluetooth
Tx Frequency:	2402 – 2480MHz (Bluetooth)

4. Test Methodology

KDB 447498 D01 General RF Exposure Guidance v06 RF exposure procedures and equipment authorization policies for mobile and portable devices

5. Result

Per KDB 447498 D01v06, the 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$\left[\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \right] \cdot \sqrt{f(\text{GHz})} \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$$

Where:

f(GHz) is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

If the test separation distance (antenna-user) is < 5 mm, 5mm is used for excluded SAR calculation

Evaluation Mode	Maximum Tune-up Power		Test Distance (mm)	Frequency (GHz)	Exclusion Thresholds
	(dBm)	(mW)			
Bluetooth	-0.50	0.89	0	2.48	0.28

Conclusion:

Per KDB 447498 D01v06, exclusion thresholds is less than 3, RF exposure evaluation is not required.

*****END OF REPORT*****