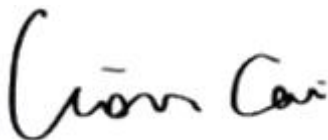


TEST REPORT

Application No.: BTEK240822004AE
Applicant: Shenzhen Core Image Co., Ltd.
Address of Applicant: Building 2nd Floor, No. 1 Huafeng Hi-tech Park, Yangwu Konggang, Dongfang Community, Songgang Street, Bao'an Distric, Shenzhen.
Manufacturer: Shenzhen Core Image Co., Ltd.
Address of Manufacturer: Building 2nd Floor, No. 1 Huafeng Hi-tech Park, Yangwu Konggang, Dongfang Community, Songgang Street, Bao'an Distric, Shenzhen.
Equipment Under Test (EUT):
EUT Name: Remote Control
Test Model.: RCR002
Adding Model(s): RCR002A, RC002A-5-2, RCR002B, RP10, RP10-5-1, RP10-5-2
Trade Mark: /
FCC ID: 2APQK-RCR002
Standard(s) : 47 CFR Part 2 Subpart J Section 2.1093
447498 D01 General RF Exposure Guidance v06
Date of Receipt: 2024-08-22
Date of Test: 2024-08-22 to 2024-09-10
Date of Issue: 2024-09-12

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.



Lion Cai/ Approved & Authorized
EMC Laboratory Manager



Revision Record				
Version	Chapter	Date	Modifier	Remark
V0		2024-09-12		Original

Authorized for issue by:				
		Zora . Huang		
		Zora Huang/ Project Engineer		
		June Li		
		June Li / Reviewer		

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



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General Information

3.1 Details of E.U.T.

General Information

4.1 Details of E.U.T.

Power supply:	DC 3V CR2025 Battery
Frequency Range:	433.92MHz
Modulation Type:	ASK
Number of Channels:	1
Antenna Type:	PCB antenna
Antenna Gain:	2.78dBi
Remark: The information in this section is provided by the applicant or manufacturer, BANTEK is not liable to the accuracy, suitability, reliability or/and integrity of the information.	
Sample No.:	BTEK240822004AE

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
/	/	/	/

4.3 Test Location

All tests were performed at:

Shenzhen BANTEK Testing Co., Ltd.,

A5&A6, Building B1&B2, No.45 Gangtou Road, Bogang Community, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518103

Tel:0755-2334 4200

Fax: 0755-2334 4200

FCC Registration Number: 264293

Designation Number: CN1356

No tests were sub-contracted.

4.4 Deviation from Standards

None

4.5 Abnormalities from Standard Conditions

None



4 Test Requirement

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$

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 test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

4.1 Assessment Result

☒ Passed ☐ Not Applicable

$$E = \text{EIRP} - 20 \log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

Frequency (MHz)	Field strength(max) (dB μ V/m)	Maximum EIRP (dBm)	Maximum EIRP (mW)	Calculating data	Limit	Result
433.92	77.97	-14.44	0.036	0.05	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

