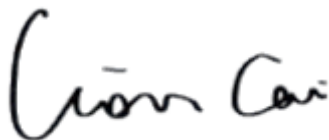


TEST REPORT

Application No.: BTEK240620005AE
Applicant: Shantou Chenghai Lihuang Plastic Toys Co., Ltd
Address of Applicant: No.1,1 Road Huaihe Industrial Park, Lianxia, Chenghai Shantou, China
Manufacturer: Shantou Chenghai Lihuang Plastic Toys Co., Ltd
Address of Manufacturer: No.1,1 Road Huaihe Industrial Park, Lianxia, Chenghai Shantou, China
Equipment Under Test (EUT):
EUT Name: RC car
Test Model.: C014
Adding Model(s): C055,VRC7201, LH-C049, LH-C059, LH-C064, LH-C006, LH-C008, LH-C008S, LH-C009, LH-C009A, LH-C011, LH-C010B, LH-C020, LH-C021, LH-C021S, LH-C022, LH-C023A, LH-C048, LH-C066, LH-C088, LH-C099, LH-C100
Trade Mark: /
FCC ID: 2AJGI-C014D6
Standard(s) : 47 CFR Part 2 Subpart J Section 2.1093
447498 D01 General RF Exposure Guidance v06
Date of Receipt: 2024-06-20
Date of Test: 2024-06-20 to 2024-07-11
Date of Issue: 2024-07-30

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		2024-07-12		Original
V1		2024-07-30		1.updated page 4,5

Authorized for issue by			
		<i>Zora . Huang</i>	
		Zora Huang /Project Engineer	
		<i>June Li</i>	
		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.



2 Contents

	Page
1 Cover Page	1
2 Contents	3
3 General Information	4
3.1 Details of E.U.T.	4
3.2 Description of Support Units.....	4
3.3 Test Location	4
3.4 Deviation from Standards	4
3.5 Abnormalities from Standard Conditions.....	4
4 Test Requirement	5
4.1 Assessment Result	5



General Information

3.1 Details of E.U.T.

Power supply:	DC 3.0V by 2*AA battery
Frequency Range:	27MHz
Modulation Type:	ASK
Antenna Type:	Spring Antenna
Antenna Gain:	0dBi
Sample No.:	BTEK240620005AE-01~02

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.

3.2 Description of Support Units

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

3.3 Test Location

All tests were performed at:

Shenzhen BANTEK Testing Co., Ltd.,

A5&A6, Building B1&B2, No.45 Gangtuo 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.

3.4 Deviation from Standards

None

3.5 Abnormalities from Standard Conditions

None



4 Test Requirement

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

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

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

Frequency (MHz)	Field Strength (dBuV/m)	calc. Pt (mW)	limit (mW)
27	64.90	0.00093	1

pt = transmitter output power in watts,

gt = numeric gain of the transmitting antenna (unitless),

E = electric field strength in V/m, --- $10^{((\text{dBuV/m})/20)/10^6}$

d = measurement distance in meters (m) ---3m

Field strength =64.90dBuV/m @3m

Ant gain =0dBi, so gt =1

So $pt = (E \times d)^2 / 30 \times gt = \{ [10^{(64.90/20)} / 10^6 \times 3]^2 / 30 \times 1 \} \times 1000 \text{ mW} = 0.00093 \text{ mW}$

So a SAR test is not required

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

