FCC RF EXPOSURE REPORT

Applicant	:	Guangdong A-OK Technology Grand Development Co., Ltd.
Address of Applicant	:	Hexing Road South Side, Sanhe Economic Development Zone, Huiyang, 516213 Huizhou, Guangdong, PEOPLE’S REPUBLIC OF CHINA
Manufacturer	:	Guangdong A-OK Technology Grand Development Co., Ltd.
Address of Manufacturer	:	Hexing Road South Side, Sanhe Economic Development Zone, Huiyang, 516213 Huizhou, Guangdong, PEOPLE’S REPUBLIC OF CHINA
Equipment under Test	:	Remote control
Model No.	:	AC127-01, AC127-02, AC127-03, AC127-06, AC127-16
FCC ID	:	2AVVD-AC127
Test Standard(s)	:	KDB447498 D01 General RF Exposure Guidance v06
Report No.	:	DDT-RE24052708-1E02
Issue Date	:	2024/07/04
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd.
Address of Laboratory	:	Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

Table of Contents

Test Report Declare

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Standard Used: KDB447498 D01 General RF Exposure Guidance v06

We Declare:

The equipment described above is assessed by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration assessed the equipment complied with the standards specified above. The assessed results are contained in this report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these assess.

After evaluation, our opinion is that the equipment In Accordance with above standard.

Report No.:	DDT-RE24052708-1E02		
Date of Receipt:	2024/06/01	**Date of Test:**	2024/06/01 ~ 2024/07/04

Prepared By:

Johnson Huang

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Johnson Huang/Engineer

Approved By:

GUANGDONG DONGDIAN TESTING SERVICE CO.,LTD. 广东电检测技术有限公司 Certificate and Report Seal 检验检测专用章

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Damon Hu/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	2024/07/04	

1. General Information

1.1. Description of equipment

EUT Name	:	Remote control
Model Number	:	AC127-01, AC127-02, AC127-03, AC127-06, AC127-16
Difference of model number	:	Above all the models are electrical identical including the same hardware design, only the model number is different, therefore the test performed on the model AC127-01
EUT Function Description	:	Please reference user manual of this device
Power Supply	:	DC 3.7V by Li-ion Polymer Battery
Operation Frequency	:	433.92 MHz
Modulation	:	ASK
Antenna Gain	:	PCB antenna, maximum PK gain: 0.32 dBi

1.2. Assess laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No.17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China 523808

Tel.: +86-0769-38826678, http://www.dgddt.com, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20155, G-20118

2. RF Exposure evaluation for FCC

According to 447498 D01 General RF Exposure Guidance v06

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:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 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

Estimation Result

Worse case is as below: [433.92 MHz, -9.96 dBm, (0.1009 mW) output power]

PK Output Power=85.24dBuV/m@3m-95.2=-9.96dBm

Please refer to the test report “DDT-RE24052708-1E01”

(0.1009/5) ·[√0.43392(GHz)] = 0.0133< 3.0 for 1-g SAR

Then SAR evaluation is not required.

END OF REPORT