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Verified code: 406403

Test Report

Report No.: E20211216778201-3

Customer: Lumi United Technology Co., Ltd.

Address: 8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan

Residential District, Nanshan District, Shenzhen, China

Sample Name: Roller Shade Driver E1

Sample Model: RSD-M01

Receive Sample

Date:

Dec.17,2021

Test Date: Dec.18,2021 ~ Dec.21,2021

EN 50663:2017 Generic standard for assessment of low power electronic and electrical

equipment related to human exposure restrictions for

Reference electromagnetic fields (10 MHz - 300 GHz)

Document: EN 62479:2010Assessment of the compliance of low power electronic

and electrical equipment with the basic restrictions related to human exposure

toelectromagnetic fields (10 MHzto 300 GHz)

Test Result: Pass

Prepared by: Wan Warran Reviewed by: Jing Tow Approved by: Lion Con-

GUANGZHOU GRG METROLOGY & TEST CO., LTD

Issued Date: 2022-02-11

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

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REVISION HISTORY

Rev.	Report No.	Revisions	Effect Page	Revised By
00	E20210316495901-3-G3	Initial Issue	ALL	Yu Shanshan
01	E20211216778201-3	Update	See below	Yu Shanshan

Rev.01:

- 1. This report replaces the original report E20210316495901-3-G3 (issue date: 2021-06-11), which is invalid immediately after this report issued.
- 2. The EUT were update the information as below table, after reassessment, this changes didn't affect the test result for this report,.

Original component model	Manufacturer / Producer	Corresponding PCB tag number	Add reporting component model	Manufacturer / Producer	Corresponding PCB tag number
Drive IC (DRV8833)	Dezhou instrument semiconductor technology (Shanghai) Co., Ltd	U1	Drive IC (AT8833)	Hangzhou Zhongke Microelectronics Co., Ltd	U1
Voltage stabilizing IC (SGM2203)	Shengbang Microelectronics (Beijing) Co., Ltd	U3	Voltage stabilizing IC (CW7533)	China Resources Microelectronics Limited	U3

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Statement

1. The report is invalid without "special seal for inspection and testing"; some copies are invalid; The report is

invalid if it is altered or missing; The report is invalid without the signature of the person who prepared,

reviewed and approved it.

2. The sample information is provided by the client and responsible for its authenticity; The content of the report

is only valid for the samples sent this time.

3. When there are reports in both Chinese and English, the Chinese version will prevail when the language

problems are inconsistent.

4. If there is any objection concerning the report, please inform us within 15 days from the date of receiving the

report.

5. Without the agreement of the laboratory, the client is not authorized to use the test results for unapproved

propaganda.

----- The following blanks -----

GRO



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EIR



GENERAL DESCRIPTION OF EUT

1.1 APPLICANT INFORMATION

Lumi United Technology Co., Ltd. Name:

8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Address:

Residential District, Nanshan District, Shenzhen, China

1.2 **MANUFACTURER**

Name: Lumi United Technology Co., Ltd.

8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Address:

Residential District, Nanshan District, Shenzhen, China

1.3 **FACTORY**

Guangdong A-OK Technology Grand Development Co.,Ltd. Name:

Hexing Road South Side, Sanhe Economic Development Zone, Huiyang, Address:

516213Huizhou, Guangdong, PEOPLE'S REPUBLIC OF CHINA.

GLIDA-INP523450-2S1P 7.4V/1000mAh(7.4Wh), 2INP6/34/50

□Sampling

BASIC DESCRIPTION OF EUT 1.4

Product Name: Roller Shade Driver E1

Product Model: RSD-M01

Adding Model:

Trade Name: Aqara

Power Supply: 5V ____ 1A power from USB cable or DC7.4V power from battery

Battery

specification:

Frequency Band: Zigbee:2405MHz-2480MHz

Modulation Type: O-QPSK

Antenna

FPC antenna 1dBi gain (Max.) Specification:

Hardware

KC131-01 V1.1 Version:

Software 210115c V1.3 Version:

Sample submitting ■Provided by customer

way:

Sample No: E20211216778201-0002

Note:



2 LABORATORY AND ACCREDITATIONS

2.1 LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of Guangzhou GRG Metrology & Test Co., Ltd.

Add.:

No.1301 Guanguang Road Xinlan Community, Guanlan Street, Longhua District

Shenzhen, 518110, People's Republic of China.

P.C.:

518000

Tel:

0755-61180008

Fax:

0755-61180008

2.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

USA

A2LA(Certificate#:2861.01)

China

CNAS(L0446)

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

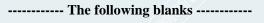
Canada

ISED (Company Number: 24897, CAB identifier:CN0069)

USA

FCC (Registration Number: 759402, Designation Number: CN1198)

Copies of granted accreditation certificates are available for downloading from our web site, http://www.grgtest.com





3 TECHNICAL REQUIREMENTS SPECIFICATION

3.1 RF EXPOSURE EVALUATION

According to EN 62479:2010 clause 4.2 and EN 50663:2017 clause 6 if the average power emitted by the apparatus operating in the frequency range 10 MHz to 300 GHz is less than or equal top 20 mW and the transmitting peal power is less than 20 W then the apparatus is deemed to comply with the basic restrictions without testing.

3.2 RESULTS

Operating Mode with Modulation				
TestMode	EIRP Level (dBm)	EIRP Level (mW)		
Zigbee	9.91dBm	9.79		

Test conclusion:

According this requirement the SAR-measurement has not to be conducted when the sending level is < 20 mW.

4 APPENDIX A:PHOTOGRAPH OF THE EUT

Please refer to the attached document E20211216778201-2-EUT Photo.



