



中国认可
国际互认
检测
TESTING
CNAS L0446



Test Report

Verified code: 042026

Report No.: E20220309137001-3

Customer: Lumi United Technology Co., Ltd.

Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No.3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

Sample Name: Curtain Driver E1

Sample Model: CM-M01

Receive Sample Date: Mar.11,2022

Test Date: Mar.12,2022 ~ Apr.29,2022

Reference Document: EN 50663:2017 Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz)
EN 62479:2010 Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

Test Result: Pass

Prepared by: Yang Zhaoyun Reviewed by: Jiang Tao

Approved by: Xiao Liang

GUANGZHOU GRG METROLOGY & TEST CO., LTD

Issued Date: 2022-05-24

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Address: No.163, Pingyun Road, West of Huangpu Avenue, Guangzhou, Guangdong, China

Tel: (+86) 400-602-0999 FAX: (+86) 020-38698685 Web: <http://www.grgtest.com>



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 -----



Table of Contents

1	GENERAL DESCRIPTION OF EUT.....	4
1.1	APPLICANT INFORMATION	4
1.2	MANUFACTURER.....	4
1.3	FACTORY	4
1.4	BASIC DESCRIPTION OF EUT	4
2	LABORATORY AND ACCREDITATIONS	5
2.1	LABORATORY.....	5
2.2	ACCREDITATIONS	5
3	TECHNICAL REQUIREMENTS SPECIFICATION.....	6
3.1	RF EXPOSURE EVALUATION.....	6
3.2	RESULTS.....	6
4	APPENDIX A:PHOTOGRAPH OF THE EUT.....	6

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

1 GENERAL DESCRIPTION OF EUT

1.1 APPLICANT INFORMATION

Name: Lumi United Technology Co., Ltd.
Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No.3370, Liuxian
Address: Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District,
Shenzhen, China

1.2 MANUFACTURER

Name: Lumi United Technology Co., Ltd.
Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No.3370, Liuxian
Address: Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District,
Shenzhen, China

1.3 FACTORY

Name: SHENZHEN 3NORD DIGITAL TECHNOLOGY CO., LTD.
401, ZONE 101A, WORKSHOP 15, ZHONGFU ROAD, TANGXIAYONG
Address: COMMUNITY, YANLUO STREET, BAOAN DISTRICT, SHENZHEN CITY,
GUANGDONG PROVINCE, P.R.C.

1.4 BASIC DESCRIPTION OF EUT

Product Name: Curtain Driver E1
Product Model: CM-M01
Adding Model: /
Trade Name: Aqara
Power Supply: 5V $\overline{\text{---}}$ 1.5A power from USB cable or DC 3.70V power from battery
Rechargeable Lithium-ion Battery
Battery specification: Product Model: DH0406CLM
Nominal Voltage: 3.70Vdc, Rated Capacity:6000mAh, Rated Energy: 22.2Wh
Charging Voltage Limit: 4.20Vdc
Frequency Band: 2405MHz-2475MHz
Modulation Type: O-QPSK
Antenna Specification: FPC antenna 1dBi gain (Max.)
Hardware Version: T0
Software Version: V0.0.0_2424
Sample submitting way: Provided by customer Sampling

Sample No: E20220309137001-0001, E20220309137001-0004

Motor1:
Note1: Manufacturer: SHENZHEN WEIZHEN MOTOR DEVELOPMENT CO.,LTD.
Model: WRK-500CA-17280B
Technical data: DC9.0V,720mA Max.5500±10% rpm/min.

Motor2:
Note2: Manufacturer: Peak Industrial Ltd.
Model: PR-500EV-17280
Technical data: DC9.0V,500mA Max.5500±10% rpm/min.

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>

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

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	13 ¹⁾	19.95
Test conclusion: According this requirement the SAR-measurement has not to be conducted when the sending level is < 20 mW.		

Note: 1) Zigbee Maximum output power is claimed by the customer.

4 APPENDIX A:PHOTOGRAPH OF THE EUT

Please refer to the attached document E20220309137001-1-EUT Photo.

----- End of Report -----