



■ Report No.: DDT-R22070803-1E03

■ Issued Date: Jul. 15, 2022

# RF EXPOSURE REPORT

## FOR

<b>Applicant</b>	:	Guangzhou EZVALO Technology Company Limited
<b>Address</b>	:	Unit 1503 and 1504, 15/F, 166 Huangpu Park West Road, Huangpu District, Guangzhou, China
<b>Equipment under Test</b>	:	Rechargeable Puck Light
<b>Model No.</b>	:	LRX, LRXX (X is expressed as a number from 1 to 9)
<b>Trade Mark</b>	:	EZVALO
<b>FCC ID</b>	:	2AYQN-LR1
<b>Manufacturer</b>	:	Guangzhou EZVALO Technology Company Limited
<b>Address</b>	:	Unit 1503 and 1504, 15/F, 166 Huangpu Park West Road, Huangpu District, Guangzhou, China

**Issued By: Dongguan Dongdian Testing Service Co., Ltd.**

**Add.:** No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park,

Dongguan City, Guangdong Province, China, 523808

**Tel.:** +86-0769-38826678, **E-mail:** ddt@dgddt.com, <http://www.dgddt.com>

# REPORT

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## TEST REPORT DECLARE

<b>Applicant</b>	:	Guangzhou EZVALO Technology Company Limited
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<b>Equipment under Test</b>	:	Rechargeable Puck Light
<b>Model No.</b>	:	LRX, LRXX (X is expressed as a number from 1 to 9)
<b>Trade Mark</b>	:	EZVALO
<b>Manufacturer</b>	:	Guangzhou EZVALO Technology Company Limited
<b>Address</b>	:	Unit 1503 and 1504, 15/F, 166 Huangpu Park West Road, Huangpu District, Guangzhou, China

**Standard Used:** KDB447498 D01 General RF Exposure Guidance v06

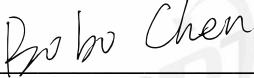
**We Declare:**

The equipment described above is assessed by Dongguan 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 Dongguan 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.**

<b>Report No:</b>	DDT-R22070803-1E03	
<b>Date of Receipt:</b>	Jul. 11, 2022	<b>Date of Test:</b> Jul. 11, 2022 ~ Jul.14, 2022

**Prepared By:**

  
**Bobo Chen /Engineer**

**Approved By:**

  
**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 Dongguan Dongdian Testing Service Co., Ltd.

## Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Jul 15, 2022	

## 1. General information

### 1.1. Description of Equipment

EUT* Name	: Rechargeable Puck Light
Model Number	: LRX, LRXX (X is expressed as a number from 1 to 9)
Different of models	: All models are identical, except the different color only.
EUT Function Description	: Please reference user manual of this device
Power Supply	: DC 5V from Micro-USB DC 3.7V 2000mAh Polymer Li-ion built-in battery
Radio Specification	: Bluetooth V4.2
Operation Frequency	: 2402 MHz - 2480 MHz
Modulation	: GFSK
Data Rate	: 1 Mbps
Antenna Type	: PCB antenna, maximum PK gain: 2.0 dBi
Sample Number	: S22070803-01 for conductive S22070803-02 for radiation

### 1.2. Assess laboratory

Dongguan Dongdian Testing Service Co., Ltd.

Add: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City, Guangdong Province, China, 523808

Tel: +86-0769-38826678, <http://www.dgddt.com>, Email: [ddt@dgddt.com](mailto: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  $\leq$  50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where:}$

$f(\text{GHz})$  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

### 3. Estimation Result

Worse case is as below: [2402MHz, 0.4 dBm, 1.1 mW) output power]

$$(1.1/5) \cdot [\sqrt{2.402(\text{GHz})}] = 0.34 < 3.0 \text{ for 1-g SAR}$$

Then SAR evaluation is not required

**END OF REPORT**