TEST REPORT

Report Reference No......................:	**MTEB23100148-H**
FCC ID... :	**2A438-LY2**
Compiled by (position+printed name+signature)..:	File administrators Alisa Luo
Supervised by (position+printed name+signature)..:	Test Engineer Sunny Deng
Approved by (position+printed name+signature)..:	Manager Yvette Zhou
Date of issue.....................................:	**October 20,2023**
Representative Laboratory Name .:	**Shenzhen Most Technology Service Co., Ltd.**
Address	No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China.
Applicant's name...........................:	**Shenzhen Lineng Technology Co., Ltd**
Address	601/6F, NO.B Dawei Business Shikong Building, West Jianshe Road, Minzhi Street, Longhua District, Shenzhen City
Test specification/ Standard ....:	**47 CFR Part 1.1307**
	47 CFR Part 2.1093
TRF Originator.................................:	Shenzhen Most Technology Service Co., Ltd.

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Test item description ....:	photography light remote control
Trade Mark ....:	LituFoto
Model/Type reference.........................:	LY2
Listed Models ....:	N/A
Modulation Type .... :	GFSK
Operation Frequency.........................:	2420MHz
Hardware version ....:	V1.0
Software version ....:	V1.0
Rating ....:	2 x AAA battery, DC3V
Result...:	**PASS**

T E S T   R E P O R T

Equipment under Test	:	photography light remote control
Model /Type	:	LY2
Listed Models	:	N/A
Remark		N/A
Applicant	:	**Shenzhen Lineng Technology Co., Ltd**
Address	:	601/6F, NO.B Dawei Business Shikong Building, West Jianshe Road, Minzhi Street, Longhua District, Shenzhen City
Manufacturer	:	**Shenzhen Lineng Technology Co., Ltd**
Address	:	601/6F, NO.B Dawei Business Shikong Building, West Jianshe Road, Minzhi Street, Longhua District, Shenzhen City

Test Result:	PASS

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Contents

1 . R e v i s i o n   H i s t o r y

Revision	Issue Date	Revisions	Revised By
00	2023.10.20	Initial Issue	Alisa Luo

2.1 RF Exposure Compliance Requirement

2.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06
4.3.1. Standalone SAR test exclusion considerations
Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

2.1.2 Limits

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)] ·
[$\sqrt{f(GHz)}$] ≤ 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[17]
The result is rounded to one decimal place for comparison
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 is applied to determine SAR test exclusion

2.1.3 EUT RF Exposure

The worst case (refer to report **MTEB23100148-R**) is below:
For 2420MHz wireless:
Field strength=76.01dBuV/m

EIRP= E-104.8+20 logd=76.01-104.8+20log3=-19.19 dBm
So PT= So PT = $10^{EIRP/10}$=0.0121mW
So(0.0121mW/5mm)* $\sqrt{2.420GHz}$=0.00376

exclusion=0.00376<3.0 for 1-g SAR

So the SAR report is not required.