

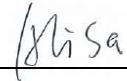
## RF Exposure Evaluation Report

Report Reference No.....: MTWG22030174-H

FCC ID.....: 2A5QT-EGGA01

Compiled by

( position+printed name+signature)....: File administrators Alisa Luo



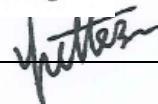
Supervised by

( position+printed name+signature)....: Test Engineer Sunny Deng



Approved by

( position+printed name+signature)....: Manager Yvette Zhou



Date of issue.....: April 15,2022

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 .....: **Zhongshan Miaowang Electrical Appliance CO., Ltd.**

Address .....: FL2、3.Building C No.10 Qingfu Road, Henglan town, zhongshan

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 .....: Remote Control Ceiling fan lamp

Trade Mark .....: N/A

Manufacturer .....: Zhongshan Miaowang Electrical Appliance CO., Ltd.

Model/Type reference.....: EGGA01

Listed Models .....: EGMA01,EGMA02,EGMB01,EGGB01,EGMB02,EGGB02

Modulation Type .....: GFSK

Operation Frequency.....: From 2415MHz to 2475MHz

Hardware Version.....: V0.001

Software Version .....: V0.001

Rating .....: DC 3V by Battery

## TEST REPORT

Equipment under Test : Remote Control Ceiling fan lamp

Model /Type : EGGA01

Listed Models : EGMA01,EGMA02,EGMB01,EGGB01,EGMB02,EGGB02

Remark : Only the model name, appearance and gear are different.

Applicant : **Zhongshan Miaowang Electrical Appliance CO., Ltd.**

Address : FL2、3.Building C No.10 Qingfu Road, Henglan town, zhongshan

Manufacturer : **Zhongshan Miaowang Electrical Appliance CO., Ltd.**

Address : FL2、3.Building C No.10 Qingfu Road, Henglan town, zhongshan

<b>Test Result:</b>	<b>PASS</b>
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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.

## 1. Revision History

Revision	Issue Date	Revisions	Revised By
00	2022.04.15	Initial Issue	Alisa Luo

## **2. SAR Evaluation**

### **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  $\leq 50$  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<sup>17</sup>

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  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

#### Measurement Data

GFSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power
			(dBm)
Lowest(2415MHz)	1.122	1.122±1	2.122
Middle(2440MHz)	4.044	4.044±1	5.044
Highest(2475MHz)	2.646	2.646±1	3.646

Channel	Maximum Peak Conducted Output Power (dBm)	Maximum tune-up Power		Calculated value	Exclusion threshold	SAR Test Exclusion
		(dBm)	(mW)			
Middle(2440MHz)	4.044	5.044	3.19	1.0	3.0	Yes

.....THE END OF REPORT.....