



## FCC Test Report

**Report No.:** TAOL17JU0237LTSSB-2

**FCC ID:** 2AMETWFESP01

**Product:** LED lamp

**Model:** A E26 WiZ60 TW, A E26 WiZ60 TR, BR30 WiZ75 TR, BR30 WiZ75 TW

**Received Date:** Jun.09, 2017

**Test Date:** Jun.09 to Jun.21, 2017

**Issued Date:** Jul.05, 2017

**Applicant:** TAO LIGHT CO., LTD

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**Issued By:** BUREAU VERITAS ADT (Shanghai) Corporation

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### Release Control Record

Issue No.	Description	Date Issued
TAOL17JU0237LTSSB-2	Original release	Jul.05, 2017

## 1 Certificate of Conformity

**Product:** LED lamp

**Brand:** --

**Model:** A E26 WiZ60 TW, A E26 WiZ60 TR, BR30 WiZ75 TR, BR30 WiZ75 TW

**Applicant:** TAO LIGHT CO., LTD

**Test Date:** Jun.09 to Jun.21, 2017

**Standards:** FCC Part 2 (Section 2.1091)  
KDB 447498 D01 General RF Exposure Guidance v06  
IEEE C95.1-1992

The above equipment has been tested by **BUREAU VERITAS ADT (Shanghai) Corporation**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

**Prepared by :** , **Date:** Jul.05, 2017

Bing YE  
Testing Engineer

**Approved by :** , **Date:** Jul.05, 2017

Joy ZHU  
Testing Manager

## 2 RF Exposure

### 2.1 Limits For Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm <sup>2</sup> )	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
300-1,500	-	-	F/1500	30
1,500-100,000	-	-	1.0	30

F = Frequency in MHz

### 2.2 MPE Calculation Formula

Power density (S) is calculated according to the formula:

$$S = PG / (4\pi R^2)$$

Where S = power density in mW/cm<sup>2</sup>

P = transmit power in mW

G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))

R = distance (cm)

### 2.3 MPE Calculation Formula

The antenna of this product, under normal use condition, is at least 20cm from the body of the user. So the device is classified as Mobile Device.

### 2.4 Calculation Result of Maximum Permissible Exposure

Frequency Band (MHz)	Max Tune-up Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )
WLAN 2.4GHz					
2412-2462	20	2	20	0.0315	1

#### Conclusion:

The calculation result of MPE is less than the limit.

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