




TEST REPORT NO.: RGT2025011600105

EMC TEST REPORT

EN IEC 62479:2020

EN IEC 50663:2017

Generic standard for assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)

Name of applicant: FOSHAN ONEHOME LIGHTING ELECTRONICS LIMITED
 Business address: Jinsha industry, Danzao town, NanHai district, Foshan City, Guangdong Province, China.
 Prepared By: Ring Testing Technology (zhongshan) Co., Ltd
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 Compiled by (+ signature): Tuckwell Tan *Tuckwell Tan*
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 Date of issue: 2025-02-14
 Number of pages: 3 Pages
Test item description --
 EUT: CEILING LIGHT
 Brand name:  ONEHOME
 Test model: F0821001, F0812002, F0813003
 Model Difference: N/A
 Rated power supply: 230V~, 50Hz, 60W
 Name of manufacturer: FOSHAN ONEHOME LIGHTING ELECTRONICS LIMITED
 Business address: Jinsha industry, Danzao town, NanHai district, Foshan City, Guangdong Province, China.
 Test Result: Pass
Test specifications:
Standard EN IEC 62479:2020
 EN IEC 50663:2017



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1. Revision History

Version	Summary	Revision Date	Report No.
Ver.1.0	Original Report	2025-01-10	RGT2025011600105

2. GENERAL INFORMATION

Product Name:	CEILING LIGHT
Test Model No.:	F0821001, F0812002, F0813003
Operation Frequency:	2402MHz
Antenna type:	PCB Antenna
Antenna Gain:	0dBi
Modulation:	GFSK
Hardware Version:	V1.0
Software Version:	V1.0
Power supply:	Light: Input: 220-240V~, 50/60Hz Remote control: DC 3V
Sample Number:	241119119YP-001
Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Ring Testing Technology (zhongshan) Co., Ltd does not assume any responsibility	

3. REQUIREMENT

3.1. General Information

According to its specifications, the EUT must comply with the requirements of the following standards: 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)]

3.2. Limit

A. Typical usage, installation and the physical characteristics of equipment make it inherently compliant with the applicable EMF exposure levels such as those listed in the bibliography. This low – power equipment includes unintentional (or non-intentional) radiators, for example incandescent light bulbs and audio/visual (A/V) equipment, information technology equipment (ITE) and multimedia equipment (MME) that does not contain radio transmitters.

NOTE Equipment is described as A/V equipment, ITE or MME if its main use is playback/recording of music, voice or images, or processing of digital information.

B. The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in 4.2.

C. The available antenna power and/or the average total radiated power are limited by Product standards for transmitters to levels below the low-power exclusion level defined in 4.2.

D. Measurements or calculations show that the available antenna power and/or the Average total radiated power are below the low-power exclusion level defined in 4.2.

3.3. Result

The available antenna power of this EUT is **1.20mW (0.79dBm)** the power are below the low-power exclusion level defined in 4.2 (Pmax: 20mW).”

*** End of report ***

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