



RED-Health

TEST REPORT

Client Name : ShenZhen EBELONG Technology Co., Ltd.

Address : 4th Floor, Building No.2, Hengmingzhu shajing Industrial Park,
Xiangxing Road, Bao'an District, ShenZhen GuangDong China.

Product Name : Wireless Controller

Test Model No. : ERC902

Report No. : CCTI-2022101904-3E

Issued Date : Nov. 17, 2022

Prepared By : Shenzhen CCTI Technology Co., Ltd.

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TEST REPORT VERIFICATION

Applicant : ShenZhen EBELONG Technology Co., Ltd.
Address : 4th Floor, Building No.2, Hengmingzhu shajing Industrial Park, Xiangxing Road,
Bao'an District, ShenZhen GuangDong China.
Manufacturer : ShenZhen EBELONG Technology Co., Ltd.
Address : 4th Floor, Building No.2, Hengmingzhu shajing Industrial Park, Xiangxing Road,
Bao'an District, ShenZhen GuangDong China.
Product Name : Wireless Controller
Model No. : ERC902
Series No. : ERC903, ERC904, ERC905, ERC906
Trade Mark : N/A
Rating(s) : Input: AC184-264V; 50/60Hz; 3A
Load: 500W
Test Date : Oct. 20, 2022 to Nov. 17, 2022
Test Standard(s) : EN 62479:2010
EN 50665:2017
Test Result : PASS

This device described above has been tested by CCTI, and the test results show that the equipment under test (EUT) is in compliance with the 2014/53/EU RED Directive Art.3.1(a) requirements. The results shown in this test report refer only to the sample(s) tested unless other wise stated and the sample(s) are retained for 30 days only.

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Producer By : 
(Betty Liang / Engineer) Date : Nov. 17, 2022

Authorized Signer : 
(Corey Mao / Manager) Date : Nov. 17, 2022



1. GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF EUT

EUT Name	: Wireless Controller
Model No.	: ERC902
Series No.	: ERC903, ERC904, ERC905, ERC906
Model Difference	: The product is different for model number.
Trademark	: N/A
Power supply	: Input: AC184-264V; 50/60Hz; 3A Load: 500W
Operation frequency	: 433.92MHz
Max. RF output power	: 3.34dBm
Modulation	: FSK
Antenna Type	: Internal antenna
Intend use environment	: Residential, commercial and light industrial environment

Remark:

- (1) ERC902 was selected as the test model and the datas have been recorded in this report.
- (2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2. EN 62479 & EN 50663 REQUIREMENT

2.1 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 (0 MHz to 300 GHz)]

EN 50663:2017 [Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz-300GHz)]

2.2 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. RESULT

PASS

The available antenna power of this EUT is 3.54mW (3.34 dBm), the power are below the low-power exclusion level defined in 4.2(Pmax: 20mW)."

***** END OF REPORT *****