

# VERIFICATION OF CONFORMITY

## CONFORMITY ASSESSMENT MODULE A OF RED Radio Equipment Directive 2014/53/EU – Annex II



Certificate No. : WTD21D01001284W  
Applicant (Holder) : Shenzhen Ebelong Technology Co., Ltd  
Address : 4th Floor, Building 2, Hengmingzhu Shajing Industrial Park, Xiangxing Road, Baoan District, Shenzhen, Guangdong, China  
Product : Wireless Receiving Controller  
Model(s) : ERC102, KRC-102  
Brand Name : N/A

In accordance with Article 26 of the Council **Directive 2014/53/EU** of 16 April 2014, certifies that this equipment has been found to comply with the Essential Requirements relating to the design and construction of radio equipment given in Article 3 to the Directive.

### Compliance with the Essential Requirements

Article 3.1a): Health and Safety : **Yes**  
Article 3.1b) Electromagnetic Compatibility : **Yes**  
Article 3.2: Effective Use of Radio Spectrum : **Yes**

### CE Marking

Marking Example (meet Article 19&20 of **Directive 2014/53/EU**)



*Deval qin*

Manager: Deval Qin  
Date: 2021-02-22

The statement is based on a single evaluation of the sample of above mentioned product(s). It does not imply an assessment of the whole production.

**Waltek Testing Group Co., Ltd.**

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## CONFORMITY ASSESSMENT MODULE A OF RED



### Technical Description

Frequency Range 2400 to 2483.5MHz

Transmitted Power 18.93dBm (E.I.R.P)

Operational Temperature -20 ~ 50 Degree Celsius

### Technical Construction File (TCF)

☒ User Manual

☒ Operational Description

☒ Block Diagram

☒ Circuit Diagram

☒ Parts list

☒ PCB-layout

Note: The manufacturer shall establish the technical documentation in accordance with Article 21 of 2014/53/EU.

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## CONFORMITY ASSESSMENT MODULE A OF RED



### Applied Standard and Test Reports

#### Article 3.1a): Health and Safety (Conform)

EN 62311:2008

#### Test Laboratory

WaltekTesting Group Co., Ltd.

#### Test Report Number

**WTD21D01001275W002**

EN 60669-1:2018

EN 60669-2-1:2004+A1:2009+A12:2010

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**WTD21D01001264S**

#### Article 3.1b) Electromagnetic Compatibility (Conform)

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 301 489-17 V3.1.1 (2017-02)

EN 55032:2015

EN 55035:2017

EN IEC 61000-3-2:2019

EN 61000-3-3:2013+A1:2019

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**WTD21D01001248E**

#### Article 3.2: Effective Use of Radio Spectrum (Conform)

ETSI EN 300 328 V2.2.2 (2019-07)

ETSI EN 300 220-1 V3.1.1 (2017-02)

ETSI EN 300 220-2 V3.2.1 (2018-06)

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**WTD21D01001275W001**

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**WTD21D01001275W004**

Note: The compliance assessment uses harmonized standards where possible, Application of harmonised and "target to be harmonized" standards, the test suite for each product ensures compliance with the normative requirements of harmonized standards, and Notified body review of Art 3.1a, 3.1b and 3.2 compliance.

#### Statement for Risk Assessment

(Refer to Risk Assessment Report: **WTD21D01001275W-RA**)

#### EU declaration of conformity

(Refer to the Declaration Letter from manufacturer.)

Note: The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it together with the technical documentation at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

End

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