

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



Certificate No. : WTD24D07175715W

Manufacturer : Shenzhen EBELONG Technology Co., Ltd.
(Holder)

Address : 3th Floor, Building 2, Hengmingzhu Technology
Industrial Park, Xinqiao Tongfuyu Industrial district,
Gonghe community, Shajing subdistrict, Baoan,
Shenzhen city, Guangdong, China.

Product : Refer to the report.

Model(s) : Refer to the report.

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: 2024-8-9

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.

Hotline: 400-840-2288

E-mail: info@waltek.com.cn

[Http://www.waltek.com.cn](http://www.waltek.com.cn)

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CONFORMITY ASSESSMENT MODULE A OF RED**Technical Description**

Frequency Range 433.050 MHz to 434.790 MHz

Transmitted Power -8.09dBm ERP.

Operational Temperature -20 – 55 Degree Celsius

Hardware Version RX:
ERC302, ERC602: V2.6
ERC303, ERC603: V1.3
ERC304, ERC604: V1.2
TX: N/A

Software Version RX:
ERC302, ERC602: V1.5
ERC303, ERC603: V1.5
ERC304, ERC604: V1.5
TX: N/A

Technical Construction File (TCF)

- | | |
|---|---|
| <input checked="" type="checkbox"/> User Manual | <input checked="" type="checkbox"/> Operational Description |
| <input checked="" type="checkbox"/> Block Diagram | <input checked="" type="checkbox"/> Circuit Diagram |
| <input checked="" type="checkbox"/> Parts list | <input checked="" type="checkbox"/> 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 60669-1:2018/AC:2020-02
 EN IEC 60669-2-1:2022/A11:2022
 EN 50663:2017
 EN 62479:2010

Test Laboratory

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

Test Report Number

WTD24D07175705Z
WTD24D07175715W004

Article 3.1b) Electromagnetic Compatibility (Conform)

EN IEC 55015:2019+A11:2020
 EN IEC 61000-3-2:2019+A1:2021
 EN 61000-3-3:2013+A2:2021
 EN IEC 61547:2023
 ETSI EN 301 489-1 V2.2.3 (2019-11)
 ETSI EN 301 489-3 V2.3.2 (2023-01)

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WTD24D07175715W001

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WTD24D07175715W002

Article 3.2: Effective Use of Radio Spectrum (Conform)

ETSI EN 300 220-1 V3.1.1 (2017-02)
 ETSI EN 300 220-2 V3.2.1 (2018-06)

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WTD24D07175715W003

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: **WTD24D07175715W-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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