

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



Certificate No. : WTS18S05113270W
Manufacturer (Holder) : Shenzhen EBELONG Technology Co., Ltd
Address : Shenzhen wisdom innovation center Suite A.607,
 Qianjin 2nd Road, Baoan District, ShenZhen,
 GuangDong, China
Product : Refer to report section 5.3
Model(s) : Refer to report section 5.3

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**)



Manager: Philo Zhong
Date: 2018-06-11

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.

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Technical Description



Frequency Range 433.28MHz ,

Transmitted Power -8.09dBm ERP

Operational Temperature TX: -20-55 Degree Celsius
RX: -25-55 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.

Applied Standard and Test Reports

Article 3.1a): Health and Safety
(Conform)

Test Laboratory

Test Report Number

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EN 60669-1: 1999+A1:2002+A2:2008	Waltek Services (Shenzhen)	WTS18S05113113S
EN 60669-2-1: 2004+A1:2009+A12:2010	Co., Ltd.	
EN 62479: 2010	Waltek Services (Shenzhen)	WTS18S05113117W
	Co., Ltd.	
Article 3.1b) Electromagnetic Compatibility (Conform)		
Draft ETSI EN 301 489-1 V2.2.0	Waltek Services (Shenzhen)	WTS18S05113117W
Final draft ETSI EN 301 489-3 V2.1.1	Co., Ltd.	
Article 3.2: Effective Use of Radio Spectrum (Conform)		
EN 300 220-1 V3.1.1:2017	Waltek Services (Shenzhen)	WTS18S05113117W
EN 300 220-2 V3.1.1:2017	Co., Ltd.	

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: WTS18S05113270W-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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