

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



Certificate No. : WTD23D11248829W

Manufacturer (Holder) : Winstars Technology Limited

Address : 1-5F, NO.5, Taisong Industrial Zone, Dalang Community,
Dalang Street, Longhua District, Shenzhen, China

Product : Wireless Repeater

Model(s) : WS-WN572HG3, WL-WN572HG3, WS-WN572HP3,
WL-WN572HP3, WS-WN572HE4, WL-WN572HE4,
WS-WN572HE4D, WL-WN572HE4D, AERIAL HD4,
WING 12M

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: 2023-12-7

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

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Technical Description

Frequency Range	2.4G Wi-Fi: 802.11b/g/n HT20: 2412-2472MHz 802.11n HT40: 2422-2462MHz 5G Wi-Fi: IEEE 802.11a/ n(HT20/40)/ac(VHT20/40): 5150MHz to 5250MHz IEEE 802.11a/ n(HT20/40)/ac(VHT20/40/80): 5725MHz to 5850MHz
Transmitted Power	2.4G Wi-Fi: 802.11b: 16.97dBm (Ant.1); 802.11b: 16.57dBm (Ant.2); 802.11g: 16.79dBm (Ant.1); 802.11g: 16.88dBm (Ant.2); 802.11n(HT20): 16.63dBm (Ant.1); 802.11n(HT20): 16.66dBm (Ant.2); 802.11n(HT20): 19.66dBm (Ant.1+ Ant.2) 802.11n(HT40): 16.81dBm (Ant.1); 802.11n(HT40): 16.79dBm (Ant.2); 802.11n(HT40): 19.81dBm (Ant.1+ Ant.2) Note: Only 802.11n(HT20/40) can be MIMO mode with Ant.1 and Ant.2. 5G Wi-Fi: U-NII-1: 19.77dBm (Ant.3+Ant.4) U-NII-3: 13.36dBm (Ant.3+Ant.4)
Operational Temperature	0 – 45 Degree Celsius

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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Applied Standard and Test Reports

Article 3.1a): Health and Safety (Conform)

EN IEC 62368-1:2020+A11:2020

EN IEC 62311:2020
EN 50665:2017

Test Laboratory

Waltek Testing Group Co., Ltd.

Waltek Testing Group Co., Ltd.

Test Report Number

WTD23D11248831Y

WTD23D11248828W005

Article 3.1b) Electromagnetic Compatibility (Conform)

EN 55032:2015+A1:2020
EN 55035:2017+A11:2020
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A2:2021

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WTD23D11248826E

WTD23D11248828W001

Article 3.2: Effective Use of Radio Spectrum (Conform)

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

ETSI EN 301 893 V2.1.1 (2017-05)

ETSI EN 300 440 V2.2.1 (2018-07)

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WTD23D11248828W002

WTD23D11248828W003

WTD23D11248828W004

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: WTD23D11248829W-RA)

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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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