

# EU TYPE EXAMINATION CERTIFICATE

Radio Equipment Directive 2014/53/EU

# SGS

**Certificate Number**

NB2906.2022.000297

Project Number

GZ-CERT221103402-01

**Product Model Number(s)**

AV-TTW6-W

**Brand/Trade Name**

AIRWOODS

Product Type

Ventilator with Bluetooth/WIFI/433.92MHz

**Manufacturer**

GUANGZHOU AIRWOODS

ENVIRONMENT

TECHNOLOGY CO., LTD

Address

Room2101, No.25 Headquarter Center,

Tian An Ecological Park,

No.555 Panyudadao North Road,

Panyu District, Guangzhou,

China

## Essential Requirements

Article 3.1(a) - Health

Conforms

Article 3.1(a) - Safety

Conforms

Article 3.1(b) - EMC

Conforms

Article 3.2 - Radio Spectrum

Conforms

## Technical Documentation:

GZ-CERT221103402-01

Based upon an examination of the Technical Documentation and supporting evidence, the above listed equipment was found to conform with those essential requirements of the Radio Equipment Directive 2014/53/EU as noted above.

This certificate is issued for only the equipment mentioned above and is subject to the conditions and restrictions listed in the Annex. This type examination certification is issued under Module B of the Radio Equipment Directive 2014/53/EU, applying the Notified Body Identification Number adjacent to the CE Marking is NOT permitted. No changes/modifications to the equipment which would require a re-assessment are allowed - any such change will invalidate this type examination certificate.

This certificate is valid for 5 years from the date of issue unless changes/modifications have been made to the applied standard(s) or assessed type of equipment.

Authorized By:

Certificate Issue Date

January 6, 2023

# NB2906



Sen Lv  
Certifier



# EU TYPE EXAMINATION CERTIFICATE

## Radio Equipment Directive 2014/53/EU

# SGS

ANNEX

### ESSENTIAL REQUIREMENTS

### APPLIED STANDARD(S)

Article 3.1(a) - Health

EN IEC 62311: 2020

Article 3.1(a) - Safety

EN 60335-2-80: 2003+A1:2004+A2:2009

EN 60335-1: 2012 + A11: 2014 + A13: 2017 + A1: 2019 +A14:2019 +A2: 2019+A15: 2021

EN 62233: 2008

Article 3.1(b) - EMC

EN IEC 55014-1: 2021

EN IEC 55014-2: 2021

EN IEC 61000-3-2: 2019+A1:2021

EN 61000-3-3: 2013+ A1:2019+A2:2021

EN 301 489-1 V2.2.3

EN 301 489-3 V2.1.1

EN 301 489-17 V3.2.4

Article 3.2 - Spectrum

EN 300 220-1 V3.1.1

EN 300 220-2 V3.2.1

EN 300 328 V2.2.2

### PRODUCT TECHNICAL DETAILS

Model Number(s) AV-TTW6-W

HW Version: AV-TTW6-W

SW Version: AV-TTW6-W

### EQUIPMENT DETAIL

| Radio                 | Frequency range (MHz) | Antenna Type | Modulation | Transmit Power |
|-----------------------|-----------------------|--------------|------------|----------------|
| 433.92MHz Transmitter | 433.92                | Note 1       | GFSK       | -9.07dBm ERP   |
| 433.92MHz Transceiver | 433.92                | Note 1       | GFSK       | -33.28dBm ERP  |
| 802.11b/g/n(20MHz)    | 2412-2472             | Note 2       | DSSS, OFDM | 17.61 dBm EIRP |
| Bluetooth LE          | 2402-2480             | Note 2       | GFSK       | 7.61 dBm EIRP  |

Notes

- 1) Integral Antenna, 3.0dBi gain
- 2) Integral Antenna, 2.5dBi gain

### CONDITIONS/RESTRICTIONS

The following conditions and restrictions apply:

- 1) None

### MODEL DIFFERENCE DESCRIPTION

The following models are identical on circuitry design, PCB layout, electrical components used, internal wiring and functions, with only difference on model number, color and appearance.

Model number (s):

AV-TTW6-W, AV-TTW6, AV-TTW6/1, AV-TTW6/2, AV-TTW6/3, AV-TTW6/H1, AV-TTW6/H2, AV-TTW6/H3, AV-TTW6/F1, AV-TTW6/F2, AV-TTW6/F3, AV-TTW6-W1, AV-TTW6-W2, AV-TTW6-W3, AV-TTW6-WH1, AV-TTW6-WH2, AV-TTW6-WH3, AV-TTW6-WF1, AV-TTW6-WF2, AV-TTW6-WF3.