

EU TYPE EXAMINATION CERTIFICATE

Radio Equipment Directive 2014/53/EU



Certificate Number
Project Number

NB2906.2023.000012
GZ-CERT230200216-01

Product Model Number(s)
Brand/Trade Name
Product Type

AV-TTW5-W
AIRWOODS
Bluetooth LE/2.4G WIFI/ 433.92MHz

Manufacturer

GUANGZHOU AIRWOODS
ENVIRONMENT
TECHNOLOGY CO., LTD

Address

Room 2101, No.25 Headquarter Center,
Tian An Ecological Park, No.555
Panyudadao North Road, Panyu District,
Guangzhou,
China

Essential Requirements

Article 3.1(a) - Health
Article 3.1(a) - Safety
Article 3.1(b) - EMC
Article 3.2 - Radio Spectrum

Results

Conforms
Conforms
Conforms
Conforms

Technical Documentation:

GZ-CERT230200216-01

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
March 06, 2023

Sen Lv
Certifier

NB2906



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SGS
ANNEX

ESSENTIAL REQUIREMENTS

APPLIED STANDARD(S)

Article 3.1(a) - Health	EN IEC 62311: 2020
Article 3.1(a) - Safety	EN 60335-1: 2012 + A11: 2014 + A13: 2017 + A1: 2019 +A14:2019 +A2: 2019+A15: 2021 EN 60335-2-80:2003 + A1:2004 + A2:2009 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 300 328 V2.2.2 EN 300 220-2 V3.2.1 EN 300 220-1 V3.1.1

PRODUCT TECHNICAL DETAILS

Model Number(s)	AV-TTW5-W
HW Version:	AV-TTW5-W
SW Version:	AV-TTW5-W

EQUIPMENT DETAIL

Radio	Frequency range (MHz)	Antenna Type	Modulation	Transmit Power
1	2412-2472	Note 1	DSSS, OFDM	17.54dBm EIRP
2	2402-2480	Note 1	GFSK	8.24dBm EIRP
3	433.05-434.79	Note 2	ASK	-8.97dBm ERP

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

CONDITIONS/RESTRICTIONS

The following conditions and restrictions apply:

- 1) None

MODEL DIFFERENCE DESCRIPTION

Below models:
AV-TTW5-W, AV-TTW5-W1, AV-TTW5-W2, AV-TTW5-W3, AV-TTW5-WH1, AV-TTW5-WH2,
AV-TTW5-WH3, AV-TTW5-WF1, AV-TTW5-WF2, AV-TTW5-WF3
are identical on circuitry design, PCB layout, electrical components used, internal wiring and functions,
only difference being the difference on appearance, colour, and model number.