EU TYPE EXAMINATION CERTIFICATE

Radio Equipment Directive 2014/53/EU



NB2906

Certificate Number Project Number

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

Manufacturer

Address

NB2906.2023.000012 GZ-CERT230200216-01

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

GUANGZHOU AIRWOODS ENVIRONMENT TECHNOLOGY CO., LTD 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

Technical Documentation:

GZ-CERT230200216-01

Results

Conforms

Conforms

Conforms

Conforms

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.

SGSSGGC

Authorized By:

Sen Lv Certifier

Certificate Issue Date March 06, 2023

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This certificate is issued by the company under its General Conditions for Certification Services accessible at https://www.sgs.com/en/terms-and-conditions. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Notified Body : NB2906

Consumer and Retail, a division of SGS North America Inc. 620 Old Peachtree Road, Ste. 100, Suwanee, GA 30024, USA t +1 770 570 1800 f +1 770 277 1240 www.sgs.com

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Radio Equipment Directive 2014/53/EU



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 301 489-3 V2.1.1
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-WHW Version:AV-TTW5-WSW 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) 2)	Integral Antenna, 2.5dBi gain 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.

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