

Notified Body
Eurofins Electrical and Electronic Testing NA, Inc.

EU-TYPE EXAMINATION CERTIFICATE

Registration Number: 3296-07-2024-240546

Manufacturer: Shenzhen Ai-Thinker Technology Co., Ltd
410, Block C, Huafeng Smart Innovation Port. Gushu 2nd Road, Gushu Community,
Xixiang Street, Baoan District, Shenzhen, China

Product Description: Wi-Fi + BT Module

Model Number/Name:

Ai-WB2-13U, Ai-WB2-12F, Ai-WB2-12S, Ai-WB2-07S, Ai-WB2-13, Ai-WB2-01M, Ai-WB2-32S, Ai-WB2-05W, Ai-WB2-M1, Ai-WB2-M1-I, Ai-WB2-01C, Ai-WB2-01D, Ai-WB2-01N, AiWB2-01F, Ai-WB2-C5L, Ai-WB2-C9L, Ai-WB2-P8L, Ai-WB2-01W, Ai-WB2-02W, Ai-WB2-03W, Ai-WB2-04W

Essential Requirement(s)

Art. 3.1(a) Safety

Art. 3.1 (a) Health

Art. 3.1(b) EMC

Art. 3.2 Radio

Result

Conform

Conform

Conform

Conform

Examination Result:

Based on the reports provided and the information therein, the equipment referenced above is compliant to these specifications.

The scope of evaluation relates to the submitted documents only.

This Certificate is issued in accordance with Annex III, Module B, of the RE directive 2014/53/EU of 16 April 2014 and is only valid in conjunction with the attached Annex.



Signed By Jackson Yang
Notified Body

7/30/2024
Date

For validation of this document's authenticity, please contact globalcertification@cpt.eurofinsus.com for verification.

Annex

Product specification

Hardware version: V1.1

Software version: V1.0

Frequency Band(s):

Bluetooth: 2402-2480MHz

WiFi: IEEE 802.11b/g/n 20: 2412-2472MHz

Transmit Power Range(s):

Bluetooth: 9.31dBm

WiFi (2.4G): 17.86dBm

Modulation Type(s):

Bluetooth: GFSK

WiFi (2.4G): DSSS, OFDM

Antenna type(s): FPC antenna

Technical Construction File (TCF) Details

To demonstrate conformity with Article 3.1(a) Health		
Applied Standards		
EN IEC 62311:2020		
EN 50665:2017		
Report or Certificate No.	Issue Date	Issued by
CTB240722016RHX	07/22/2024	Shenzhen CTB Testing Technology Co.,Ltd.
To demonstrate conformity with Article 3.1(a) Safety		
Applied Standards		
EN IEC 62368-1:2020+A11:2020		
Report or Certificate No.	Issue Date	Issued by
CTB240719008RSX	07/23/2024	Shenzhen CTB Testing Technology Co.,Ltd.
To demonstrate conformity with Article 3.1(b) EMC		
Applied Standards		
ETSI EN 301 489-1 V2.2.3 (2019-11)		
Draft ETSI EN 301 489-17 V3.2.6 (2023-06)		
Report or Certificate No.	Issue Date	Issued by
CTB240722017REX	07/22/2024	Shenzhen CTB Testing Technology Co.,Ltd.
To demonstrate conformity with Article 3.2 Spectrum Efficiency		
Applied Standards		
ETSI EN 300 328 V2.2.2 (2019-07)		
Report or Certificate No.	Issue Date	Issued by
CTB240722018RFX	07/22/2024	Shenzhen CTB Testing Technology Co.,Ltd.
CTB240722019RFX	07/22/2024	Shenzhen CTB Testing Technology Co.,Ltd.