

**Notified Body**  
**Eurofins Electrical and Electronic Testing NA, Inc.**

**EU-TYPE EXAMINATION CERTIFICATE**

Registration Number: 3484-10-2024-240734

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: BT Module  
Model Number/Name: PB-03, PB-03F, PB-03M

**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

10/15/2024  
Date

For validation of this document's authenticity, please contact [globalcertification@cpt.eurofinsus.com](mailto:globalcertification@cpt.eurofinsus.com) for verification.

## Annex

### Product specification

Hardware version: V1.0

Software version: V1.0

Frequency Band(s): 2402-2480MHz

Transmit Power Range(s): 4.92dBm

Modulation Type(s): GFSK

Antenna type(s): PCB antenna

### Technical Construction File (TCF) Details

To demonstrate conformity with Article 3.1(a) Health		
Applied Standards		
EN 62479:2010		
EN 50663:2017		
Report or Certificate No.	Issue Date	Issued by
CTB240930001RH	09/30/2024	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
CTB240926018RS	10/08/2024	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)		
ETSI EN 301 489-17 V3.2.4 (2020-09)		
Report or Certificate No.	Issue Date	Issued by
CTB240930002RE	09/30/2024	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
CTB240930003RF	09/30/2024	Shenzhen CTB Testing Technology Co., Ltd.