EU Type Examination Certificate

Certificate No: TPS-RED500853 i01

Certificate Holder:	**Hangzhou Tuya Information Technology Co., Ltd.** Room 301, Building 1, Huace Center Xihu District 310000 Hangzhou City, Zhejiang Province PEOPLE'S REPUBLIC OF CHINA
Product Type:	**Wireless LAN equipment** **Wi-Fi and Bluetooth module**
Model(s):	**WBR1, WBR1-IPEX, WBR2, WBR3, WBRU, WBRU-IPEX, JWBR2S-5V, TCWBRCU1, MDWBRCU1, Anker-WBR1-IPEX, WBR1-NH, HS01-485-WBR3, TCWBR-US3, TCLWBR, TYAUX-J2, TYAUX-F2, TYAUX-LM2, TYCH01**

We, as Notified Body number 0123, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

Essential Requirements:	Article 3.3 (d) in respect to network protection *Applies from the 1st August 2025

The certificate has been issued in accordance with the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Product Service GmbH (Notified Body Number 0123).

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The conditions for the validity of this certificate are listed in the following pages.
For further details related to this certification please contact ps.zert@tuvsud.com

This is based upon examination of the following Technical Data file.

Technical Documentation:	Tuya WBR3(v) RED TCF

Valid from:	2024-12-12

(Peter Jia)

Issued by TÜV SÜD Product Service under document number: RED6A 104731 0170 Rev. 00
TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

EU Type Examination Certificate

Certificate No: TPS-RED500853 i01

1 Equipment Description

The device is a wireless module with 2.4GHz WiFi and BLE function.

1.1 Models

Model		HW/SW Differences	HW Version	SW Version
Original	WBR1, WBR1-IPEX, WBR2, WBR3, WBRU, WBRU-IPEX, JWBR2S-5V, TCWBRCU1, MDWBRCU1, Anker-WBR1-IPEX, WBR1-NH, HS01-485-WBR3, TCWBR-US3	All the models have the same SW	101	V1.0.0
Variant	TCLWBR, TYAUX-J2, TYAUX-F2, TYAUX-LM2, TYCH01		100	

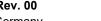### 1.2 Supported Functions and Features

1.2.1 Non-radio features

Rated input voltage: 3.0-3.6VDC for WBR1,WBR1-IPEX,WBR2,WBR3,WBRU,BRU-IPEX,Anker-WBR1-IPEX,WBR1-NH,TYAUX-J2,TYAUX-F2; 4.5-5.5 VDC for JWBR2S-5V, TCWBRCU1, MDWBRCU1, HS01-485-WBR3, TCLWBR, TCWBR-US3; 5-12V VDC for TYAUX-LM2, TYCH01

1.2.2 Radio features

Radio	Features	Operating Spectrum / Power	
Bluetooth	BLE	2400-2483.5MHz	<=10dBm
IEEE 802.11 – 2.4 GHz	b/g/n Adaptive	2400-2483.5MHz	<=20dBm

1.3 Accessories

Model/Part Number	Description
---	---

EU Type Examination Certificate

Certificate No: TPS-RED500853 i01

2 Assessed Standards

Essential Requirement	Assessed Standard
Article 3.3(d) [Network protection]	EN 18031-1:2024

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EU-type examination requirements in conjunction with Annex V requirements of the directive.

3.2 Declarations

Declaration of Conformity for Tuya RED, draft	Dated	2024-12-06
Declaration letter for model difference WBR3 Series	Dated	2024-11-29

3.3 Strategic Documentation

WBR3 Risk assessment	Issued	2024-11-26
Justification of Conformity of Tuya RED	Modified	2024-12-09

3.4 Technical Compliance Documentation

3.4.1 Article 3.3(d)

874902405451	Issued	2024-11-29

4 Additional Information

None.

5 Conditions of Validity

The RF module is to be integrated as a component that is professionally and permanently installed in the host product. The intended use of the host shall be consumer IoT devices or industrial products (excluded host categories: e.g. automotive, medical devices, civil aviation, railway-related systems, defence). When installing this radio module permanently into a host product to a create new radio equipment device; the manufacturer responsible for placing the final radio product on the market in the EU must assess if the combination of this radio module and the host product complies with the essential requirements of the RE Directive 2014/53/EU.

For complete conformity to the Radio Equipment Directive requirements as applicable inside the European Union, this product requires the essential requirements of RED Article 3.1(a), 3.1(b), 3.2.