

EU Type Examination Certificate

Certificate No: TPS-RED500933 i01

Certificate Holder: Huawei Digital Power
Technologies Co., Ltd.
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Antuoshan Headquarters Towers
33 Antuoshan 6th Road, Futian District
518043 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product Type: Radio Equipment
Smart Dongle

Model(s): SDongleB-06-EU, SDongleA-05

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: SDongleB-06-EU (v) RED TCF

Valid from: 2025-04-30

The RED state of the art for this certificate will be monitored for 5 years after the issue date until 2030-04-22. During this time, the certificate might be re-evaluated if underlying standards change. In any case, after this 5-year period the certificate will be required to be up re-issued or will be automatically withdrawn.



(Laurentiu Dan Miiler)

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1 Equipment Description

The device is a module supporting GSM, LTE and Wi-Fi at 2.4GHz.

1.1 Models

	Model	HW Version	SW Version	OS Version
Original	SDongleB-06-EU, SDongleA-05	F.2	SDongle V200R022C10SPC[XXX] (The identifier placeholder XXX indicates a bug fix or patch version only, which does not change any cyber security function. XXX = 000-999 and is increased for each update release.)	LiteOS 208

1.2 Supported Functions and Features

1.2.1 Non-radio features

Supplied by 5.0VDC, 1A USB Port, Ethernet Port only for model SDongleA-05.

1.2.2 Radio features

Radio	Feature	Operating Spectrum / Max Power	
IEEE 802.11 – 2.4 GHz	b/g/n, Adaptive	2400-2483.5 MHz	20.0 dBm
GSM	GSM/GPRS, Power Class 4 (GSM900) Power Class 1 (DCS1800)	900	35.0 dBm
		1800	32.0 dBm
LTE	QPSK / 16QAM / 64QAM, Power Class 3	1	25.0 dBm
		3	25.0 dBm
		7	25.0 dBm
		8	25.0 dBm
		20	25.0 dBm
		28	25.0 dBm
		38	25.0 dBm
		40	25.0 dBm
Model SDongleA-05 only support 2.4GWiFi technology, it disable GSM and LTE technology compared with model SDongleB-06-EU			

1.3 Accessories

Model / Part Number	Description
N/A	N/A

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2 Assessed Standards

Essential Requirement	Assessed Standards
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 SDongleB-06-EU for CE	Dated	2025-04-23
Declaration of Conformity for SDongleA-05 for CE	Dated	2025-04-23
Model difference declaration letter	Issued	2025-03-12

3.3 Strategic Documentation

Risk Assessment Letter of SDongleB-06-EU (v) for RED	Issued	2025-04-03
Justification of Conformity of SDongleB-06-EU (v) for RED	Modified	2025-04-29

3.4 Technical Compliance Documentation

3.4.1 Article 3.3(d)

6818925008201	Issued	2025-04-03
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4 Additional Information

None.

5 Conditions of Validity

The dongle is to be integrated only with the approved host products. The intended use of the host shall be photovoltaic inverter, When installing this dongle 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) and 3.2 that are not covered on this type examination certificate.