

CONFORMITY ASSESSMENT MODULE A OF RED Radio Equipment Directive 2014/53/EU – Annex II



Reference No. : WTX21X10107102W

Manufacturer (Holder) : Xiamen SimPal Communication Technology Co., Ltd.

Address : 3F, No 2208, Dianqian Group II, Gaodian Village, Huli District, Xiamen

Product : 4G LTE Power Socket

Model(s) : SimPal-S460, SimPal-S260

Trade Name : /

In accordance with Article 26 of the Council **Directive 2014/53/EU** of 16 April 2014, certifies that this equipment has been found to comply with the Essential Requirements relating to the design and construction of radio equipment given in Article 3 to the Directive.

Compliance with the Essential Requirements

Article 3.1a): Health and Safety : **Yes**
 Article 3.1b) Electromagnetic Compatibility : **Yes**
 Article 3.2: Effective Use of Radio Spectrum : **Yes**

CE Marking

Marking Example (meet Article 19&20 of **Directive 2014/53/EU**)



The statement is based on a single evaluation of the sample of above mentioned product(s). It does not imply an assessment of the whole production.

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Technical Description

Frequency Range	GPRS 900: Tx: 880-915MHz, Rx: 925-960MHz GPRS 1800: Tx: 1710-1785MHz, Rx: 1805-1880MHz LTE Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz LTE Band 3: Tx: 1710-1785MHz, Rx: 1850-1880MHz LTE Band 7: Tx: 2500-2570MHz, Rx: 2620-2690MHz LTE Band 8: Tx: 880-915MHz, Rx: 925-960MHz LTE Band 20: Tx: 832-862MHz, Rx: 791-821MHz LTE Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz SRD: 433.92MHz
Transmitted Power	GSM900: 33.13dBm GSM1800: 30.37dBm LTE Band 1: 23.91dBm, LTE Band 3: 23.87dBm LTE Band 7: 24.92dBm, LTE Band 8: 23.80dBm LTE Band 20: 23.53dBm, LTE Band 40: 24.03dBm SRD: 7.69dBm(ERP)
Operational Temperature	-10 – 40 Degree Celsius
Hardware Version	S460-V0.5
Software Version	S460_ENG(21-1011)

Technical Construction File (TCF)

- | | |
|---|---|
| <input checked="" type="checkbox"/> User Manual | <input checked="" type="checkbox"/> Operational Description |
| <input checked="" type="checkbox"/> Block Diagram | <input checked="" type="checkbox"/> Circuit Diagram |
| <input checked="" type="checkbox"/> Parts list | <input checked="" type="checkbox"/> PCB-layout |

Note: The manufacturer shall establish the technical documentation in accordance with Article 21 of 2014/53/EU.

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Applied Standard and Test Reports

Article 3.1a): Health and Safety (Conform)

EN IEC 62311:2020
EN 50665:2017

EN 62368-1:2014+A11:2017

Test Laboratory

Waltek Testing Group
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Test Report Number

WTX21X10107102W-4
WTX21X10107160S

Article 3.1b) Electromagnetic Compatibility (Conform)

ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-3 V2.1.1 (2019-03)
Draft ETSI EN 301 489-52 V1.1.2
(2020-12)

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WTX21X10107102W-5

Article 3.2: Effective Use of Radio Spectrum (Conform)

ETSI EN 301 511 V12.5.1 (2017-03)
ETSI EN 301 908-1 V13.1.1 (2019-11)
ETSI EN 301 908-13 V13.1.1 (2019-11)
ETSI EN 300 220-1 V3.1.1 (2017-02)
ETSI EN 300 220-2 V3.1.1 (2017-02)

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WTX21X10107102W-1
WTX21X10107102W-2
WTX21X10107102W-3

Note: The compliance assessment uses harmonized standards where possible, Application of harmonised and “target to be harmonized” standards, the test suite for each product ensures compliance with the normative requirements of harmonized standards, and Notified body review of Art 3.1a, 3.1b and 3.2 compliance.

Statement for Risk Assessment

(Refer to Risk Assessment Report: **WTX21X10107102W-RA**)

EU declaration of conformity

(Refer to the Declaration Letter from manufacturer.)

Note: The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it together with the technical documentation at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

End

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