

EU TYPE EXAMINATION CERTIFICATE

Radio Equipment Directive 2014/53/EU

SGS

Certificate Number

NB2906.2024.000356

Project Number

SH-CERT240704128

Product Model Number(s)

LPA-46-N41N41-NF-10

LPA-XX-XX-XX-XX

Brand/Trade Name

PROSE

Product Type

LPA Unit

Manufacturer

PROSE Technologies (Suzhou) Co.,

Ltd

Address

No. 6, Shen'an Road, Dianshanhu,
Kunshan, Jiangsu,
China

Essential Requirements

Results

Article 3.1(a) - Health

Conforms

Article 3.1(a) - Safety

N/A

Article 3.1(b) - EMC

Conforms

Article 3.2 - Radio Spectrum

Conforms

Article 3.3g

N/A

Article 3.4

N/A

Technical Documentation:

SH-CERT240704128-01

Based upon an examination of the Technical Documentation and supporting evidence, the above listed equipment was found to conform with those essential requirements of the Radio Equipment Directive 2014/53/EU as noted above.

This certificate is issued for only the equipment mentioned above and is subject to the conditions and restrictions listed in the Annex. This type examination certification is issued under Module B of the Radio Equipment Directive 2014/53/EU, applying the Notified Body Identification Number adjacent to the CE Marking is NOT permitted. No changes/modifications to the equipment which would require a re-assessment are allowed - any such change will invalidate this type examination certificate.

This certificate is valid for 5 years from the date of issue unless changes/modifications have been made to the applied standard(s) or assessed type of equipment.

Authorized By:

Certificate Issue Date

July 22, 2024

Eddy Zong
Certifier

NB2906



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ESSENTIAL REQUIREMENTS

APPLIED STANDARD(S)

Article 3.1(a) - Health	EN IEC 62311:2020
Article 3.1(a) - Safety	N/A
Article 3.1(b) - EMC	EN 61000-3-3: 2013+A1:2019+A2:2021, EN IEC 61000-3-2: 2019+A1:2021 EN 55032: 2015+A11:2020+A1:2020, EN 55035: 2017+A11:2020 EN 301 489-1 V2.2.3, EN 301 489-50 V2.3.1
Article 3.2 - Spectrum	ETSI TS 138 115-1 V17.4.0, EN 301 908-1 V15.2.1
Article 3.3g	N/A
Article 3.4	N/A

PRODUCT TECHNICAL DETAILS

HW Version:	LPA-46-N41N41-NF-10_000
SW Version:	PR62HLP A12T2R46V1010

EQUIPMENT DETAIL

Radio	Frequency Range (MHz)	Antenna Type	Modulation	Transmit Power
5G NR n41	2496-2690	Note 1	QPSK, 16QAM, 64QAM, 256QAM	45.51dBm

Notes 1) External antenna, 11dBi

CONDITIONS/RESTRICTIONS

The following conditions and restrictions apply:

- 1) This device must be professionally installed.
- 2) 5G NR n41 is restricted to operate between 2500MHz-2690MHz.
- 3) Declaration of EUT Family Grouping :

LPA^[1]-XX^[2]-XX^[3]-XX^[4]-XX^[5]

[1]: LPA: Insert LPA unit, second generation.

[2]: XX: transmission power level, unit dBm; The value ranges from 30 to 46.

[3]: XX: represents 3GPP operating band, the LPA unit contain double band1.

[4]: XX: represents the ANT port connector type; example, 64F, NF, etc.

[5]: XX: represents customer code, example, 01HW, 10, 11NA. etc.