

EU TYPE EXAMINATION CERTIFICATE

Radio Equipment Directive 2014/53/EU

SGS

Certificate Number

NB2906.2024.000502

Project Number

SH-CERT241006269

Product Model Number(s)

LPA2-46-N78N78-64F-02HW

LPA2-XX-XXXX-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-CERT241006269-01

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.

NB2906

Authorized By:

Certificate Issue Date

October 20, 2024



Eddy Zong
Certifier



EU TYPE EXAMINATION CERTIFICATE

Radio Equipment Directive 2014/53/EU



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	IEC 61000-3-2: 2019+A1:2021, IEC 61000-3-3: 2013+A1:2019+A2:2021 EN 55035: 2017+A11:2020, EN 55032: 2015+A11:2020+A1:2020 EN 301 489-1 V2.2.3, EN 301 489-50 V2.3.1
Article 3.2 - Spectrum	EN 301 908-1 V15.2.1, ETSI TS 138 115-1 V18.6.0, ETSI TS 138 106 V18.6.0
Article 3.3g	N/A
Article 3.4	N/A

PRODUCT TECHNICAL DETAILS

HW Version:	HPRU-CBM-MB-3500-003-3_A20
SW Version:	PR62HLP A24T2R46V1004

EQUIPMENT DETAIL

Radio	Frequency range (MHz)	Antenna Type	Modulation	Transmit Power
NR n78	3400-3600	Note 1	QPSK, 16QAM, 64QAM, 256QAM	45.80dBm
NR n78	3600-3800	Note 1	QPSK, 16QAM, 64QAM, 256QAM	45.92dBm

Notes 1) External Antenna, 15dBi

CONDITIONS/RESTRICTIONS

The following conditions and restrictions apply:

- 1) This device must be professionally installed.
- 2) Declaration of EUT Family Grouping :
LPA2^[1]-XX^[2]-XXXX^[3]-XX^[4]-XX^[5]
[1]: LPA2: blade LPA unit, second generation.
[2]: XX: transmission power level, unit dBm; The value ranges from 33 to 46.
[3]: XXXX: represents 3GPP operating band, each LPA unit contain two band; example, N78N78/N77N77 etc.
[4]: XX: represents the ANT port connector type; example, 64F, NF, etc.
[5]: XX: represents customer code, example, 01HW, 10, 11NA. etc.