

EU TYPE EXAMINATION CERTIFICATE

Radio Equipment Directive 2014/53/EU

SGS

Certificate Number

NB2906.2023.000110

Project Number

SZ-CERT230400808

Product Model Number(s)

HPRU-43-D78-64F-02HW,
HPRU-XX-XX-XX-XX

Brand/Trade Name

Prose

Product Type

High Power Fiber Optic Remote 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(b) - EMC

Conforms

Article 3.2 - Radio Spectrum

Conforms

Technical Documentation:

SZ-CERT230400808-02

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

May 16, 2023



Eddy Zong
Certifier

NB2906



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ESSENTIAL REQUIREMENTS

Article 3.1(a) - Health
Article 3.1(b) - EMC
Article 3.2 - Spectrum

APPLIED STANDARD(S)

EN 50385:2017
EN 301 489-1 V2.2.3, EN 301 489-50 V2.3.1
EN 301 908-1 V15.1.1, TS 138 141-1 V17.7.0

PRODUCT TECHNICAL DETAILS

HW Version: DCM-MB-027_v02
SW Version: M20HPRUNR02FH21V1102

EQUIPMENT DETAIL

Radio	Frequency range (MHz)	Antenna Type	Modulation	Transmit Power
1	3400-3600	Note 1	QPSK, 16QAM, 64QAM, 256QAM, 1024QAM	43dBm
2	3600-3800	Note 1	QPSK, 16QAM, 64QAM, 256QAM, 1024QAM	43dBm

Notes 1) External Antenna, 5dBi gain

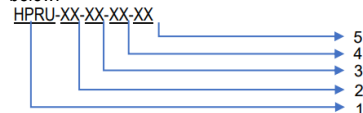
CONDITIONS/RESTRICTIONS

The following conditions and restrictions apply:
1) None

ADDITIONAL INFORMATION

This is a co-license base on original SGS type examination certificate No.: NB2906.2023.000081.

All models are identical on circuitry design, PCB layout, electrical components used, internal wiring except difference mentioned below:



1. HPRU: High Power Fiber Optic Remote Unit.
2. "XX": transmission power level, unit dBm; The value ranges from 30 to 46 Example: 43 represents the transmitting power level of 43dBm.
3. "XX" includes radio frequency channel configuration, number of radio frequency channel interfaces,
 - 3.1. The first filed is S/D/Q, which represent numbers of radio frequency channel.
 - 3.1.1 "S" in XX stands for SISO (Single Input Single Output)
 - 3.1.2 "D" in XX stands for Double (i.e., 2 * 2 MIMO (Multiple Input Multiple Output))
 - 3.1.3 "Q" in XX stands for Quadruplex (i.e., 4*4MIMO (Multiple Input Multiple Output))
 - 3.2. The second filed is the serial number of Operating Band/NR (the serial number of Operating Band/NR should comply with 3GPP standard definition)
Example: D78 indicates HPRU includes two radio frequency channel and configuration Band/NR 78 (UL :3400~3800 /DL:3400~3800MHz).
4. The joint type of information contained in XX, such as "NF" and "64F", represents external antenna type equipment, Example:64F indicates ANT Port is 4.3-10 Female connector.
5. XX represents customer code; The customer code contains digits 01 to 99 and letters.