

Modular Approval Request Letter

Date: 2025-07-29

FCC ID: N8N4WNC-2K930NE0

Type of Equipment: K series LoRa gateway module

The following requirements according to FCC Part 15.212 are met:

i RF shielding

The radio portion has his own shielding (see external photos).

ii Buffered modulation/data inputs

It has been integrated in the chipset SX1302IMLTRT.

iii Power supply regulation

It is integrated in circuits of U1.

iv Antenna requirements section 15.203, 15.204 b and 15.204 c

The EUT meets the FCC antenna requirements.

v Stand alone test configuration

Please referring to test set up configuration photo

vi Labelling

The module has its own label. The instruction for labelling rules for the host device has been stated in the users manual

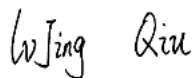
vii Compliance on specific rule or operating requirements

The required FCC rules has been fulfilled and all instructions for maintaining compliance has been clearly stated in the users manual

viii RF Exposure

RF exposure requirements are fulfilled for mobile configuration. The installation of the module is restricted to mobile host devices what is clearly stated in the installation instruction of the user manual.

For portable applications OEM integrators need SAR evaluation and an own FCC ID.



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