

Modular Approval Request Letter

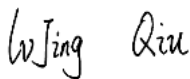
Date: 2024-12-09

FCC ID: 2AOFDQB20

Type of Equipment: QB20 Series LoRa Module

The following requirements according to FCC Part 15.212 are met:

- i RF shielding**
The radio portion has its own shielding (see external photos)
- ii Buffered modulation/data inputs**
It has been integrated in the chipset SX126X.
- iii Power supply regulation**
It is integrated in circuits of SX126X.
- iv Antenna requirements section 15.203, 15.204 b and 15.204 c**
The module does not have its own antenna. Spurious emission requirements are met with an external Antenna which with RP-SMA connector is utilized.
- v Stand alone test configuration**
The EUT was tested in a stand-alone configuration.
- vi Labelling**
The module has its own label. The instruction of labelling rules for the host device has been stated in the user manual.
- vii Compliance on specific rule or operating requirements**
The required FCC rules have been fulfilled and all instructions of maintaining compliance are clearly stated in the user 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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