

Modular Approval Request Letter

Date: 2022-12-21

FCC ID: 2AOFDFP20-C8

Type of Equipment: 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 SX1268IMLTRT.

**iii Power supply regulation**

It is integrated in circuits of U1&U3.

**iv Antenna requirements section 15.203, 15.204 b and 15.204 c**

The module does not have Antenna. Spurious emission requirements are met (Refer to the attached test report) with an external Antenna, and the FP20-C8 module is suitable for Electricity Meter.

**v Stand alone test configuration**

Please refer to test setup configuration photos.

**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 has 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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