

Modular Approval Request Letter

Date: 2023-12-04

FCC ID: 2AOFDL-BTMSB16

Type of Equipment: SB16 series Bluetooth LE communication 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 FR8016HA.

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 module have its own antenna. Spurious emission requirements are met (Refer to the attached test report).

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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