

Modular Approval Request Letter

- when it has to be **right**



27.02.2019

Date: 2019-03-01
FCC ID: RFD-CT301
Type of Equipment: Radio Module 300m

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,**
has been integrated in the chipset
- iii Power supply regulation,**
is integrated
- iv Antenna requirements section 15.203, 15.204 b and 15.204 c**
The module comes with a permanently attached antenna. The spurious emission requirements are fulfilled (see attached test report).
- 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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Modular Approval - FCC

Source: § 15.212 Modular transmitters.

Labelling requirements for Host device:

(A) If using a permanently affixed label, the modular transmitter must be labeled with its own FCC identification number, and, if the FCC identification number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: XYZMODEL1" or "Contains FCC ID: XYZMODEL1." Any similar wording that expresses the same meaning may be used. The Grantee may either provide such a label, an example of which must be included in the application for equipment authorization, or, must provide adequate instructions along with the module which explain this requirement. In the latter case, a copy of these instructions must be included in the application for equipment authorization.

(B) If the modular transmitter uses an electronic display of the FCC identification number, the information must be readily accessible and visible on the modular transmitter or on the device in which it is installed. If the module is installed inside another device, then the outside of the device into which the module is installed must display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains FCC certified transmitter module(s)." Any similar wording that expresses the same meaning may be used. The user manual must include instructions on how to access the electronic display. A copy of these instructions must be included in the application for equipment authorization.

The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.