

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Strasskirchen, 10.05.2006

Request for a modular approval - FCC ID:NXIM1BT

Dear Sirs,

The Marposs module "M1BT RF" is seeking FCC authorization as a modular transmitter. The requirements of the FCC Public notice DA00-1407 are met.

The following requirements are fulfilled:

1. The modular transmitter must have its own RF shielding
The radio portion of the module is contained in its own RF shielding. See enclosed product photos.
2. The modular transmitter must have buffered modulation/data inputs
The module has a memory management unit inside of the IC. It buffers the data inputs from the serial interface or PIO interface.
3. The modular transmitter must have its own power supply regulation
The IC contains an own voltage regulation. In case of changes in the supply voltage VCC (for example caused by temperature changes or other effects), the internal voltage will be stabilized.
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204c
The transmitter shall only be used with the tested integral antenna or with an antenna that has less antenna gain. Requirements are specified in the test report, point 5.7 Antenna Application.
5. The modular transmitter must be tested in a stand-alone configuration
The EUT was tested in a stand-alone configuration. For setup of the test configurations, only a test board was connected to the module.
6. The modular transmitter must be labelled with its own FCC ID number
The EUT will be labelled with its own FCC ID number. The label is specified in the attached file named "Label". If the module is installed inside of an end-product, the label will not be visible. In this case the OEM customer will be instructed to how to apply the exterior label, see attached label instructions.
7. The modular transmitter must comply with any specific rule or operating requirements applicable to the transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. The EUT is compliant with all applicable FCC rules. Detail instructions are given in the product Users Guide
8. The modular transmitter must comply with any applicable RF exposure requirements. Due to the low power of the module it is not required to perform the testing for RF exposure.

Please contact us if you have any additional questions.


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