

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Strasskirchen, 09.02.2009

Request for a Limited Modular Approval - FCC ID: NXIWRS

Limited Modular Approval is being requested for this device. There are eight requirements that the device must meet for full modular approval. The following paragraphs detail these requirements and the manner in which the device meets them.

1. The modular transmitter must have its own RF shielding
This module will only be installed in host devices (Remote gauging Systems series) of the company Marposs.
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 peripheral interface.
3. The modular transmitter must have its own power supply regulation
The module is powered by the application in which it is mounted and it can communicate with the host system by a serial peripheral interface (SPI). The host system is responsible for the programming of the transceiver and for the implementation of the protocol (from the MAC level and above). The protocol is designed by Marposs for its specific needs.
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.

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 company Marposs will label the hosts as described in the attachment "Integration Manual"

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.

Thomas Ring
mikes-testingpartners gmbh
Ohmstrasse 2-4
94342 Strasskirchen, Germany
Phone: ++49 9424 9481 0
Fax: ++49 9424 9481 240