29.06.2007

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Request for modular approval

Free2move AB
FCC ID: R47F2M03MLA
FCC Part 15 Certification

Gentlemen,

Dear Application Examiner,
the **Free2move AB** module FCC ID: R47F2M03MLA is seeking FCC authorization as a modular transmitter. The requirement 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 the Schematics) Ball C9 is the Ground connection for internal package shield of the BT transmitter.

2. The modular transmitter must have buffered modulation/data inputs

The module has a memory management unit inside of the IC and external. It buffers the data inputs from UART and USB terminal.

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 for the use of external antennas are specified in Exhibit “Declaration_about_antenna_configurations” FCC ID: R47F2M03MLA. The modular transmitter must be tested in a stand-alone configuration

The EUT was tested in a stand-alone configuration. The module was fixed in the Casira Development Kit of CSR (Cambridge Silicon Radio) during the test. See also test setup photos in test report (Exhibit Test Report FCC Part 15.247). For radiated measurements, the required distance of 10 cm was ensured by a special connector.

6. The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.

This modular transmitter uses an electronic display of the FCC identification number, the information must be readily accessible on the device in which it is installed.
The FCC ID can be read from the UART of the device.

UART Settings:
Baud rate: 38400bps
Data bits: 8
Parity: None
Stop bits: 1
Send command: "VERSION" (ASCII characters) over the UART and the module will respond with software, hardware information and the FCC ID.

FCC ID R47F2M03MLA

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

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**.**

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.

The device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This OEM module is approved for use in products operating as mobile and portable transmitting device with respect to 2.1091 and 2.1093. This grant is valid only when the device is sold to OEM integrators. OEM manufacturers and OEM integrators are instructed to ensure that the end may not be provided with the module installation instructions. OEM integrators and End-users must be provided with transmitter operating conditions for satisfying RF exposure compliance.

Sincerely,

Per-Arne Wiberg
CEO
Free2move AB