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November 7, 2011

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

Request for modular approval

On-Ramp Wireless, Inc.
FCC ID: XTE-ULPENODE120
FCC Part 15 Certification

Dear Application Examiner,

On-Ramp Wireless, Inc. module FCC ID: XTE-ULPENODE120 is seeking FCC authorization as a modular transmitter. The requirements of the FCC Part 15.212 are met for all requirements listed below.

1. The modular transmitter must have its own RF shielding

The radio portion of this module has its own RF shielding.

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

The module has a memory management unit inside and buffers the data inputs from UART.

3. The modular transmitter must have its own power supply regulation

The module contains its 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

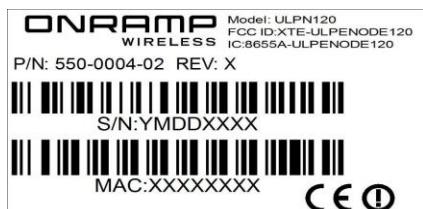
The transmitter shall only be used with the tested antenna.

5. The modular transmitter must be tested in a stand-alone configuration

The module was tested in a stand-alone configuration and was fixed on an eNode development board.

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

The following label will be affixed to all modules:



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 module is compliant with all applicable FCC rules. Detailed 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 module is approved for use in products operating as a fixed or mobile transmitting device.

Kind Regards,



Jason Wilson

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