



Friday October 15, 2010

Attn: Reviewing agency or TCB

Re: On-Ramp Wireless eNode FCC and IC modular approval

FCC ID: XTE-ULPENODE110

IC: 8655A- ULPENODE110

Client;

On-Ramp Wireless Inc.

10902 Via Frontera, Suite 200

San Diego, CA 92127 USA

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The scope of this application is to certify On-Ramp Wireless eNode model ULPN110 against FCC (Part 15 Subpart C section 15.247) and Industry Canada (RSS 210, Issue 7). The modular unit is a 2402 MHz to 2476 MHz transceiver with Spread Spectrum DBPSK modulation.

The client is asking for FCC and Industry Canada modular approval.

RSS-102 Issue 4 RF Exposure evaluation;

2.5.1 Exemption from Routine Evaluation Limits – SAR Evaluation

The chapter 4.3 (Page 8) of eNode User Manual defines the distance as;

This device must be installed to ensure a separation distance of at least 20 cm (8 inches) from the antenna to a person.

2.5.2 Exemption from Routine Evaluation Limits – RF Exposure Evaluation

The peak power output of the device is 20.10 dBm at 2402 MHz.

The maximum antenna gain is 5 dBi.

The calculated maximum radiated e.i.r.p. is 25.10 dBm (0.32 W) which is less than 5 W.

Therefore the unit is exempt from RSS-102 Issue 4, routine evaluation limits.

Best regards,

Glen Moore

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