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August 7, 2006

Northwest EMC, Inc.  
22975 NW Evergreen Parkway, #400  
Hillsboro, OR 97124  
% Vicki Albertson

Re: Applicant: Itronix, Corporation  
FCC ID: KBCIX270-MC8765

- 1.) Limited Modular Certification for the embedded Sierra Wireless, Inc. Model: MC8765, PCI Express Mini-Card Model: MC8765, 3-G enabled EDGE, GPRS, and GSM, dual band UMTS, HSDPA data capability.
- 2.) Co-location with the FCC ID's: KBCIX270-WL3945, KBCIX270-BT2022.

TCB Committee,

On behalf of Itronix Corporation we request a Limited Modular Certification for the Sierra Wireless PCI Express Mini-Card, Model: MC8765 embedded in the IX270 Rugged PC under rule Parts 22H & 24E. We also request that this Certification include Co-location with the above referenced Limited Modular Certified Intentional radiators. Exhibits supporting this request are submitted with this application.

We would like to reference the OEM, Sierra Wireless, Inc. Modular Certification test report prepared by CCS for all of the conducted test data. The radiated spurious and ERP/EIRP measurements made by NW EMC, Inc. would cover the integration of the MC8765 embedded module into the IX270 host with two new antenna combinations.

The IX270 Vehicle Mount option extends many of the PC I/O ports and the switches the RF output of the WAN radio to an external antenna. Placing the IX270 in the cradle automatically causes the cradle contact board to switch the output of the MC8765 transmitter from the internal antenna located in the PC display, to and through the IX270 Vehicle Mount to an SMA connector and then to the external antenna. The external vehicular antenna sold by Itronix with this package is a 3 dBi gain antenna manufactured by MaxRad Model: BMLPVDB800/1900 along with the Model: LMR195 vehicle antenna  $\frac{3}{4}$ " magnetic mount with 17 ft of coax.

Please let me know if you should require any further information.

Best Regards,

A handwritten signature in blue ink that reads "Rod Munro".

Rod Munro

Agent, Itronix Corp.  
President, Spectrum Technology, Inc.

[rmunro@spectrumti.com](mailto:rmunro@spectrumti.com)