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October 12, 2009

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

Re: Applicant: General Dynamics Itronix Corporation
FCC ID: KBCIX-GOBI2

- 1.) Class 2 Permissive Change to the Limited Modular Certification of the KBCIX-GOBI2, WAN embedded in the GD8000 Host notebook PC,
- 2.) Add co-location with WAN embedded in the GD8000 host for the FCC ID: KBCIX-512AN, WLAN.
- 3.) Add co-location with WAN embedded in the GD8000 for the FCC ID: KBCIX-WT11, Bluetooth.

TCB Committee,

The GD80000 Rugged Notebook Host PC is a platform designed for use with several different radio types. These may include one or more of the following radio types: Bluetooth, WLAN and WAN. Certification have been issued for, but not limited to combinations of the following devices listed by FCC ID(s): KBCIX-512AN (WLAN), KBCIX-WT11 (Bluetooth), KBCIX-MC5725 (WAN), and KBCIX-MC8775 (WAN). Only one radio of each type, Bluetooth, WLAN or WAN, can be installed and used at a time.

The scope of this specific application is detailed in the following three paragraphs.

On behalf of General Dynamics Itronix, Corporation, we request this Class 2 Permissive Change to the Certification of the FCC ID: KBCIX-GOBI2, PCI Express Mini-Card, Model: GOBI2, a WAN radio with CDMA2000, EV-DO 1xRTT, Rev A, GSM, GPRS, EDGE/EGPRS, UMTS, HSPA data capability and dual band, embedded in the GD8000, Rugged Notebook PC operating under Parts 22H & 24E. We reference the OEM, Qualcomm's, Limited Single Modular Certification test report prepared by Qualcomm, for FCC ID: J9CGOBI2000, Gobi2000 Module Part 22 & 24 Conducted Test Report: 80-VN379-203 Rev. A, for all of the OEM conducted test data.

The new Out of Band Emissions and ERP/EIRP measurements made by Northwest EMC, Inc. in Test Report SPTE0111 cover the integration of the GOBI2000 embedded module into the GD8000 host with its internal antenna and the external 5 dBi MaxRad magnetic mount antenna.

We also request that this reassessment include co-location in the host with the two above referenced Limited Modular or Modular Certified Intentional radiators operating under Part(s)15 C and 15 E. An RF Exposure exhibit specific to this application in the host GD8000 with the KBCIX-GOBI2, KBCIX-512AN, and KBCIX-WT11, accompanies this request for Certification. All requested exhibits listed in TCB413 are submitted in support of this application.

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, General Dynamics Itronix, Corporation
President, Spectrum Technology, Inc.
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