November 02, 2005

Timco Engineering, Inc.
Telecommunication Certification Body
849 NW State Road 45
Newberry, FL 32669

SUBJECT: **ITRONIX CORPORATION**
FCC ID: KBCIX325-AC775BT
Part 24(E) - Certification
Composite Application (PCB)

On behalf of Itronix Corporation is an application for Part 24(E) Certification of Model: IX325-AC775BT Rugged Tablet PC with internal Dual-Band PCS/Cellular GSM GPRS/EDGE PCMCIA Modem Model: AirCard 775 manufactured by Sierra Wireless, Inc. utilizing an external monopole antenna attached to the modem card. The DUT also incorporates an internal MSI MS-6837 Bluetooth Transmitter with internal PIFA antenna installed in the left hand section of the DUT. The Part 15(C) certification application for the MSI MS-6837 Bluetooth portion of the DUT is submitted simultaneously with this application under the same FCC ID: KBCIX325-AC775BT. **The Sierra Wireless AirCard 775 Dual-Band GSM GPRS/EDGE PCMCIA Modem can transmit simultaneously with the MSI MS-6837 Bluetooth. Please refer to the Co-Transmit Supplementary EMC test report submitted within this application for co-located simultaneous transmit measurement data.**

Model:	**IX325-AC775BT**
Device Classification:	**PCS Licensed Transmitter (PCB)**
Device Description:	**Rugged Tablet PC**
LCD Display User Orientation(s):	**0 Degrees Landscape, -90 Degrees Portrait**
Internal Dominant Transmitter(s):	**Sierra Wireless AirCard 775 Dual-Band GSM GPRS/EDGE PCMCIA Modem**
Co-located Transmitter(s):	**MSI MS-6837 Bluetooth**
Antenna Type(s) Tested:	**External Monopole (GSM)** **Internal PIFA (Bluetooth)**
Transmitter Frequency Range(s):	**1850.2 - 1909.8 MHz (PCS GSM)** **824.2 - 848.8 MHz (Cellular GSM)** **2402 - 2480 MHz (Bluetooth)**
Max. RF Conducted Power Measured:	**29.2 dBm - 0.832 Watts - Peak (PCS GPRS)** **32.0 dBm - 1.58 Watts - Peak (Cellular GPRS)** **4.14 dBm - 0.0026 Watts - Peak (Bluetooth)**
Max. Duty Cycle Tested:	**50 % (Source-Based Time-Averaged) GPRS**
Max. Source-Based Time-Averaged Power:	**26.2 dBm - 0.417 Watts - Peak Conducted (Max. PCS GPRS)** **29.0 dBm - 0.794 Watts - Peak Conducted (Max. Cellular GPRS)**
Max. ERP/EIRP Level(s) Measured:	**1.26 Watts (31.02 dBm) EIRP - PCS GPRS** **1.00 Watt (30.01 dBm) ERP - Cellular GPRS**
Max. Body SAR Level(s) Measured:	**0.646 W/kg - 1g average (PCS GPRS)** **1.07 W/kg - 1g average (Cellular GPRS)**
Emission Designator(s):	**238KGXW, 242KGXW, 240KG7W, 242KG7W**
Frequency Tolerance(s):	**2.5 PPM (PCS GSM) / 2.5 PPM (Cellular GSM)**

Submitted within this application is the TCB Form 731, applicant's confidentiality request, applicant's attestation letter, Parts 24(E) and 22(H) EMC measurement report data and test setup photographs (Celltech Labs and Sierra Wireless), Supplementary EMC measurement report for co-located simultaneous transmit operation (Celltech Labs), SAR RF exposure measurement report data and test setup photographs (Celltech Labs), FCC ID label and location, internal and external device photographs, block diagrams (confidential), schematic diagrams (confidential), operational description (confidential), tune-up procedure (confidential), user manual (provided to the user with the built-in software on the Tablet PC), and Radio-Specific Safety Information (provided to the user in hard copy format).

If you have any questions or comments concerning the above, please contact the undersigned.

Sincerely,

Jonathan Hughes
General Manager
Celltech Labs Inc.

cc: Itronix Corporation