

December 9, 2005

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

**SUBJECT: ITRONIX CORPORATION
FCC ID: KBCIX325A775IWLBT
Part 24(E) - Certification
Composite Application (PCB)**

On behalf of Itronix Corporation is an application for Part 24(E) Certification of Model: IX325A775IWLBT 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 co-located Intel Pro 2200BG 802.11b/g WLAN Mini-PCI Card with dual internal PIFA antennas installed in the upper section of the DUT. The DUT also incorporates an internal MSI MS-6837 Bluetooth Transmitter with internal PIFA antenna installed in the left side section of the DUT. The Part 15(C) certification applications for the Intel Pro 2200BG 802.11b/g WLAN Mini-PCI Card and the MSI MS-6837 Bluetooth portions of the DUT under the same FCC ID: KBCIX325A775IWLBT are submitted simultaneously with this application. **The Sierra Wireless AirCard 775 Dual-Band GSM GPRS/EDGE PCMCIA Modem and Intel Pro 2200BG 802.11b/g WLAN do not transmit simultaneously. 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 the co-located simultaneous transmit measurement data.**

Model: IX325A775IWLBT
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): Intel Pro 2200BG 802.11b/g WLAN
MSI MS-6837 Bluetooth
Antenna Type(s) Tested: External monopole (GSM)
Internal PIFA (WLAN)
Internal PIFA (Bluetooth)
Transmitter Frequency Range(s): 1850.2 - 1909.8 MHz (PCS Band)
824.2 - 848.8 MHz (Cellular Band)
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)

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