

April 27, 2005

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

**SUBJECT:**

**ITRONIX CORPORATION  
FCC ID: KBCIX260PNLA580BT  
Part 15(C) - Certification  
Composite Application (DSS)**

On behalf of Itronix Corporation is an application for Part 15 Subpart C Certification of the Model: IX260PNLA580BT Rugged Laptop PC with internal Cirronet BT2022 Bluetooth transmitter (Cirronet FCC ID: HSW-BT2022M, originally granted June 28, 2004), with internal surface-mount antenna installed in the upper left side rear of the LCD display. The DUT also incorporates a co-located internal Senao NL-3054MP 802.11b/g WLAN Mini-PCI Card (Senao International Co., Ltd. FCC ID: NI3-AT30V216, originally granted February 5, 2004) with internal surface-mount antenna installed in the upper right side rear of the LCD display. The DUT also incorporates a co-located internal Dual-Band PCS/Cellular CDMA PCMCIA Modem Model: AirCard 580 (Sierra Wireless, Inc. FCC ID: PNF-PC3220P, originally granted March 27, 2003), utilizing an external swivel dipole antenna mounted on the upper right side edge of the LCD display, and a vehicle-mount antenna with vehicle cradle. A Part 15C certification application for the Senao NL-3054MP 802.11b/g WLAN Mini-PCI Card and a Part 24E certification application for the Sierra Wireless AirCard 580 CDMA Modem portions of the DUT under the same FCC ID: KBCIX260PNLA580BT are submitted simultaneously with this application. **The Cirronet BT2022 Bluetooth can transmit simultaneously with the Senao NL-3054MP 802.11b/g WLAN. The Cirronet BT2022 Bluetooth can transmit simultaneously with the Sierra Wireless AirCard 580 CDMA Modem. Please refer to the Supplementary EMC test reports submitted within this application for the co-located simultaneous transmit measurement data.**

<b>Model(s):</b>	<b>IX260PNLA580BT</b>
<b>Device Classification:</b>	<b>Part 15 Spread Spectrum Transmitter (DSS)</b>
<b>Device Description:</b>	<b>Rugged Laptop PC</b>
<b>Internal Transmitter:</b>	<b>Cirronet BT2022 Bluetooth</b>
<b>Co-located Transmitter(s):</b>	<b>Senao NL-3054MP 802.11b/g WLAN Mini-PCI Card Sierra Wireless AirCard 580 Dual-Band CDMA PCMCIA Modem</b>
<b>Mode(s) of Operation:</b>	<b>Frequency Hopping Spread Spectrum (FHSS)</b>
<b>Tx Frequency Range(s):</b>	<b>2402 - 2480 MHz</b>
<b>Max. RF Output Power Tested:</b>	<b>0.0453 Watts - Peak Conducted (Bluetooth)</b>
<b>Antenna Type(s) Tested:</b>	<b>RangeStar Internal Surface-Mount - Upper Left Side Rear of LCD Display (Bluetooth) RangeStar Internal Surface-Mount - Upper Right Side Rear of LCD Display (WLAN) Itronix External Swivel Dipole (Dual-Band CDMA)</b>

Submitted within this application is the TCB Form 731, applicant's confidentiality request, Cirronet attestation letter, Part 15C EMC measurement report data and test setup photographs (Celltech Labs and Advanced Compliance Solutions), Supplementary EMC measurement reports for co-located simultaneous transmit operation (Celltech Labs), MPE RF exposure evaluation report data (Celltech Labs), FCC ID label and location, internal and external device photographs, block diagrams (confidential), schematic diagrams (confidential), parts list (confidential), antenna specifications (confidential), operational description, user manual (provided to the user in the built-in software on the Laptop 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