

April 22, 2005

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

SUBJECT: **ITRONIX CORPORATION**
FCC ID: KBCIX260PNL3AC580
Part 15 Subpart C - Certification
Composite Application (DTS)

On behalf of Itronix Corporation is an application for Part 15 Subpart C Certification of Model: IX260PNL3AC580 Rugged Laptop PC with internal Senao NL-3054MP 802.11b/g Mini-PCI WLAN (manufactured by 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 edge of the LCD display. The DUT also incorporates an internal co-located Dual-Band PCS/Cellular CDMA PCMCIA Modem Model: AirCard 580 (manufactured by 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 24(E) certification application for the Sierra Wireless AirCard 580 CDMA Modem portion of the DUT is submitted simultaneously with this application. **The Senao NL-3054MP 802.11b/g WLAN and co-located Sierra Wireless AirCard 580 Dual-Band CDMA Modem do not transmit simultaneously.**

Model:	IX260PNL3AC580
Device Classification:	Digital Transmission System (DTS)
Device Description:	Rugged Laptop PC
Internal Transmitter:	Senao NL-3054MP 802.11b/g WLAN Mini-PCI Card
Co-located Transmitter(s):	Sierra Wireless AirCard 580 Dual-Band CDMA PCMCIA Modem
Mode(s) of Operation:	Direct Sequence Spread Spectrum (WLAN)
Tx Frequency Range(s):	2412 - 2462 MHz (WLAN)
Max. RF Output Power Tested:	0.100 Watts - Peak Conducted (802.11g WLAN)
Antenna Type(s):	RangeStar P/N: 100929 Internal Surface-Mount (WLAN) Itronix IX260+ External Swivel Dipole (Dual-Band CDMA)

Submitted within this application is the TCB Form 731, applicant's confidentiality request, Part 15 Subpart C EMC measurement report data and photographs (Celltech Labs Inc. and ADT Corp.), FCC ID label and location, internal and external device photographs, block diagram (confidential), schematic diagrams (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