

April 28, 2005

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

SUBJECT: ITRONIX CORPORATION
FCC ID: KBCIX260PNL3AC580
Part 24 Subpart E - Certification
Composite Application (PCB)

On behalf of Itronix Corporation is an application for Part 24(E) Certification of Model: IX260PNL3AC580 Rugged Laptop PC with internal Dual-Band PCS/Cellular CDMA PCMCIA Modem Model: AirCard 580 manufactured by Sierra Wireless, Inc. (FCC ID: PNF-PC3220P, originally certified 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. The DUT also incorporates an internal co-located Senao NL-3054MP 802.11b/g WLAN Mini-PCI Card (manufactured by Senao International Co., Ltd. FCC ID: NI3-AT30V216, originally granted February 5, 2004). A Part 15(C) certification application for the Senao NL-3054MP 802.11b/g WLAN Mini-PCI Card portion of this device is submitted simultaneously with this application. **The Sierra Wireless AirCard 580 CDMA Modem and Senao NL-3054MP 802.11b/g WLAN do not transmit simultaneously.**

Model(s):	IX260PNL3AC580
Device Classification:	PCS Licensed Transmitter (PCB)
Device Description:	Rugged Laptop PC
Internal Transmitter:	Sierra Wireless AirCard 580 Dual-Band PCS/Cellular CDMA PCMCIA Modem
Co-located Transmitter(s):	Senao NL-3054MP 802.11b/g WLAN Mini-PCI Card (with internal surface-mount antenna)
Antenna Type(s) Tested:	Itronix IX260+ External Swivel Dipole (Dual-Band CDMA) MaxRad 3 dBi Gain Vehicle-Mount P/N: WMLPVDB800/1900 (Dual-Band CDMA)
Tx Frequency Range(s):	1851.25 - 1908.75 MHz (PCS CDMA) 824.70 - 848.31 MHz (Cellular CDMA)
Max. Cond. Power Measured:	25.07 dBm / 0.321 Watts (PCS CDMA) 23.61 dBm / 0.230 Watts (Cellular CDMA)
Max. ERP/EIRP Measured:	0.526 Watts (27.21 dBm) EIRP - PCS CDMA (Itronix Swivel Dipole Antenna) 0.257 Watts (24.10 dBm) ERP - Cellular CDMA (Itronix Swivel Dipole Antenna) 0.173 Watts (22.38 dBm) EIRP - PCS CDMA (MaxRad Vehicle-Mount Antenna) 0.169 Watts (22.27 dBm) ERP - Cellular CDMA (MaxRad Vehicle-Mount Antenna)
Frequency Tolerance(s):	2.5 ppm (PCS CDMA) / 2.5 ppm (Cellular CDMA)
Emission Designator(s):	1M25F9W

Submitted within this application is the TCB Form 731, applicant's confidentiality request, FCC Parts 24(E) and 22(H) EMC measurement report data and test setup photographs, MPE RF exposure evaluation report data, FCC ID label and location, internal and external device photographs, schematic diagram (confidential), circuit description (confidential), operational description (confidential), tune-up procedure (confidential), antenna specifications (confidential), user manual (provided to the user with 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