

November 06, 2006

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

SUBJECT: ITRONIX CORPORATION
FCC ID: KBCIX325A860IWLBT
Part 24(E) - Certification
Composite Application (PCB)

On behalf of Itronix Corporation is a composite application for Part 24(E) Certification of Model: IX325A860IWLBT Rugged Tablet PC with internal Dual-Band GSM/GPRS/EDGE/UMTS PCMCIA Modem (Model: AirCard 860 manufactured by Sierra Wireless Inc.) utilizing the AirCard 860 hinged monopole antenna installed on the PCMCIA modem. The antenna is located externally to the tablet PC and housed within the low-profile hatch attached to the IX325. The DUT also incorporates a co-located Intel Pro 2200BG 802.11bg WLAN Mini-PCI Card with internal PIFA antenna and a co-located MSI MS-6837 Bluetooth Transmitter with internal PIFA antenna. Part 15(C) composite certification applications for the Intel Pro 2200BG 802.11bg WLAN and MSI MS-6837 Bluetooth portions of the DUT are submitted simultaneously with this application under the same FCC ID (KBCIX325A860IWLBT).

The AirCard 860 PCMCIA Modem and 802.11bg WLAN do not transmit simultaneously. The AirCard 860 PCMCIA Modem can transmit simultaneously with the MSI MS-6837 Bluetooth. Co-transmit EMC evaluations (radiated spurious emissions) were performed and the DUT was found to be in compliance. Co-transmit SAR evaluation data is submitted within this filing.

Model:	IX325A860IWLBT
Device Classification:	PCS Licensed Transmitter (PCB)
RF Exposure Category:	Portable
Device Description:	Rugged Tablet PC
LCD Display User Orientation(s):	0 Degrees Landscape, -90 Degrees Portrait
Internal Transmitter Tested:	GSM/GPRS/EDGE/UMTS PCMCIA Modem (Sierra Wireless AirCard 860)
Antenna Type(s) Tested:	External Hinged Monopole (Sierra Wireless AirCard 860 Antenna)
Transmitter Frequency Range(s):	1850.2 - 1909.8 MHz (PCS GSM/GPRS/EDGE) 1852.4 - 1907.5 MHz (PCS UMTS) 824.2 - 848.8 MHz (Cellular GSM/GPRS/EDGE) 826.4 - 846.6 MHz (Cellular UMTS)
Max. SAR Level(s) Measured (Body):	PCS GPRS: 0.628 W/kg; Cellular GPRS 0.334 W/kg (1g average) PCS EDGE: 0.306 W/kg; Cellular EDGE 0.0919 W/kg (1g average) PCS UMTS: 0.252 W/kg; Cellular UMTS 0.251 W/kg (1g average)

Submitted with this application is the TCB Form 731, applicant's authorization letter, applicant's long-term confidentiality request, applicant's device orientation attestation, applicant's radio management attestation, Parts 24(E) and 22(H) EMC conducted measurement report (Sierra Wireless Inc.), Parts 24(E) and 22(H) EMC radiated measurement report and test setup photographs (Celltech Labs Inc.), SAR RF exposure measurement report and test setup photographs (Celltech Labs Inc.), FCC ID label and location, internal and external device photographs, block diagram(s) (confidential), schematic diagram(s) (confidential), operational description (confidential), parts list (confidential), tune-up procedure (confidential), user manual (provided to the user with the built-in software on the IX325 Tablet PC), and the 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