

November 07, 2006

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

SUBJECT: **ITRONIX CORPORATION**
FCC ID: KBCIX325A860IWLB
Part 15 Subpart C - Certification
Composite Application (DTS)

On behalf of Itronix Corporation is a composite application for Part 15 Subpart C Certification of Model: IX325A860IWLB Rugged Tablet PC with internal Intel Pro 2200BG 802.11b/g WLAN Mini-PCI Card and internal PIFA antenna installed in the upper right side of the DUT above the LCD display. The DUT also incorporates a co-located Dual-Band GSM/GPRS/EDGE/UMTS PCMCIA Modem utilizing a hinged monopole antenna (Model: AirCard 860 manufactured by Sierra Wireless Inc.) Furthermore, the DUT also incorporates a co-located Bluetooth transmitter (MSI Model: MS-6837) with internal PIFA antenna installed in the left side edge of the DUT. A Part 24(E) composite certification application for the AirCard 860 PCMCIA Modem and a Part 15(C) composite certification application for the Bluetooth (DSS) are submitted simultaneously with this application under the same FCC ID (KBCIX325A860IWLB).

The 802.11b/g WLAN Mini-PCI Card and AirCard 860 PCMCIA Modem do not transmit simultaneously. The 802.11b/g WLAN Mini-PCI Card 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.

Model:	IX325A860IWLB
Device Classification:	Digital Transmission System (DTS)
RF Exposure Category:	Portable
Device Description:	Rugged Tablet PC
LCD Display User Orientation(s):	0 Degrees Landscape, -90 Degrees Portrait
Internal Transmitter Tested:	802.11b/g WLAN Mini-PCI Card (Intel Pro 2200BG)
Mode(s) of Operation:	Direct Sequence Spread Spectrum (DSSS)
Transmit Frequency Range(s):	2412 - 2462 MHz
Antenna Type(s) Tested:	Internal PIFA 2
Max. SAR Level(s) Measured:	Body: 0.00201 W/kg

Submitted within this application is the TCB Form 731, applicant's authorization letter, applicant's long-term confidentiality request, applicant's device orientation attestation, applicant's IX325 radio management attestation, Part 15(C) EMC measurement report and test setup photographs, SAR RF exposure measurement report and test setup photographs, FCC ID label and location, internal and external device photographs, block diagrams (confidential), schematic diagrams (confidential), operational description (confidential), antenna specifications (confidential), user manual (provided to the user in 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