

January 26, 2006

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

SUBJECT: ITRONIX CORPORATION
FCC ID: KBCIX325A580IWLBT
Part 15(C) - Certification
Composite Application (DTS)

On behalf of Itronix Corporation is an application for Part 15 Subpart C Certification of Model: IX325A580IWLBT Rugged Tablet PC with internal Intel Pro 2200BG 802.11b/g WLAN Mini-PCI Card and dual internal PIFA diversity antenna installed in the upper edges of the DUT. The DUT also incorporates an internal co-located MSI MS-6837 Bluetooth Transmitter with internal PIFA antenna installed in the left side edge of the DUT. The DUT also incorporates an internal Dual-Band PCS/Cellular CDMA PCMCIA Modem Model: AirCard 580 manufactured by Sierra Wireless, Inc. utilizing an external hinged dipole antenna attached to the IX325 Broadband Hatch, and a vehicle-mount antenna with vehicle cradle. The Part 15(C) composite certification application for the MSI MS-6837 Bluetooth and the Part 24(E) composite certification application for the Sierra Wireless AirCard 580 PCMCIA Modem are submitted simultaneously with this application. The Intel Pro 2200BG 802.11b/g WLAN and the Sierra Wireless AirCard 580 Dual-Band CDMA Modem do not transmit simultaneously. The Intel Pro 2200BG 802.11b/g WLAN can transmit simultaneously with the MSI MS-6837 Bluetooth.

Model:	IX325A580IWLBT
Device Classification:	Digital Transmission System (DTS)
Device Description:	Rugged Tablet PC
LCD Display User Orientation(s):	0 Degrees Landscape, -90 Degrees Portrait
Internal Transmitter Type:	Intel Pro 2200BG 802.11b/g WLAN Mini-PCI Card
Co-located Transmitter(s):	Sierra Wireless AirCard 580 Dual-Band CDMA PCMCIA Modem
	MSI MS-6837 Bluetooth
Antenna Type(s) Tested:	Internal PIFA (WLAN)
Transmitter Frequency Range(s):	2412 - 2462 MHz (WLAN)
Mode(s) of Operation:	Direct Sequence Spread Spectrum (WLAN)
Max. RF Output Power Measured:	0.112 Watts (20.5 dBm) Peak Conducted (802.11b)
Max. SAR Level(s) Measured:	Body: 0.00201 W/kg - Peak SAR measured from Area Scan (802.11b)

Submitted within this application is the TCB Form 731, applicant's change of grantee address notification, applicant's confidentiality request, applicant's device orientation attestation, Part 15(C) EMC measurement report data and test setup photographs, SAR RF exposure measurement report data & photographs, FCC ID label and location, internal and external device photographs, block diagrams (confidential), schematic diagrams (confidential), operational description (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