

February 14, 2006

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

SUBJECT: ITRONIX CORPORATION
FCC ID: KBCIX325-AC580BT
Part 24(E) - Certification
Composite Application (PCB)

On behalf of Itronix Corporation is an application for Part 24(E) Certification of Model: IX325-AC580BT Rugged Tablet PC with 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 DUT also incorporates an internal MSI MS-6837 Bluetooth Transmitter with internal PIFA antenna installed in the left edge section of the DUT. The Part 15(C) composite certification application for the MSI MS-6837 Bluetooth portion of the DUT under the same FCC ID: KBCIX325-AC580BT is submitted simultaneously with this application. The Sierra Wireless AirCard 580 Dual-Band CDMA PCMCIA Modem can transmit simultaneously with the MSI MS-6837 Bluetooth.

Model:	IX325-AC580BT
Device Classification:	PCS Licensed Transmitter (PCB)
Device Description:	Rugged Tablet PC
RF Exposure Category:	Portable (with external hinged dipole antenna) Mobile (with vehicle antenna and vehicle cradle)
LCD Display User Orientation(s):	0 Degrees Landscape, -90 Degrees Portrait
Internal Dominant Transmitter(s):	Sierra Wireless AirCard 580 Dual-Band PCS/Cellular CDMA PCMCIA Modem
Co-located Transmitter(s):	MSI MS-6837 Bluetooth
Antenna Type(s) Tested:	External Hinged Dipole (CDMA) External Vehicle-Mount (CDMA) Internal PIFA (Bluetooth)
Transmit Frequency Range(s):	1851.25 - 1908.75 MHz (PCS CDMA) 824.70 - 848.31 MHz (Cellular CDMA)
Max. RF Conducted Power Measured:	24.2 dBm (0.263 Watts) PCS CDMA 23.2 dBm (0.209 Watts) Cellular CDMA
Max. ERP/EIRP Level(s) Measured:	0.793 Watts (28.99 dBm) EIRP - PCS CDMA (Hinged Dipole Antenna) 0.204 Watts (23.10 dBm) ERP - Cellular CDMA (Hinged Dipole Antenna)
Max. Body SAR Level(s) Measured:	0.130 W/kg - 1g average (PCS CDMA) 0.0673 W/kg - 1g average (Cellular CDMA)

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