

February 1, 2006

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

**SUBJECT: ITRONIX CORPORATION**  
**FCC ID: KBCIX325-AC580**  
**Part 24(E) - Certification**

On behalf of Itronix Corporation is an application for Part 24(E) Certification of Model: IX325-AC580 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.

<b>Model:</b>	<b>IX325-AC580</b>
<b>Device Classification:</b>	<b>PCS Licensed Transmitter (PCB)</b>
<b>Device Description:</b>	<b>Rugged Tablet PC</b>
<b>RF Exposure Category:</b>	<b>Portable (with external hinged dipole antenna)</b> <b>Mobile (with vehicle antenna and vehicle cradle)</b>
<b>LCD Display User Orientation(s):</b>	<b>0 Degrees Landscape, -90 Degrees Portrait</b>
<b>Internal Transmitter(s):</b>	<b>Sierra Wireless AirCard 580 Dual-Band PCS/Cellular CDMA PCMCIA Modem</b>
<b>Antenna Type(s) Tested:</b>	<b>External Hinged Dipole</b> <b>External Vehicle-Mount</b>
<b>Transmitter Frequency Range(s):</b>	<b>1851.25 - 1908.75 MHz (PCS CDMA)</b> <b>824.70 - 848.31 MHz (Cellular CDMA)</b>
<b>Max. RF Conducted Power Measured:</b>	<b>24.2 dBm (0.263 Watts) PCS CDMA</b> <b>23.2 dBm (0.209 Watts) Cellular CDMA</b>
<b>Max. ERP/EIRP Level(s) Measured:</b>	<b>0.793 Watts (28.99 dBm) EIRP - PCS CDMA (Hinged Dipole Antenna)</b> <b>0.204 Watts (23.10 dBm) ERP - Cellular CDMA (Hinged Dipole Antenna)</b>
<b>Max. SAR Level(s) Measured:</b>	<b>Body: 0.130 W/kg - 1g average (PCS CDMA)</b> <b>Body: 0.0673 W/kg - 1g average (Cellular CDMA)</b>

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