

February 28, 2003

Federal Communications Commission  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046

**SUBJECT: ITRONIX CORPORATION**  
**FCC ID: KBCIX260AC555-MPI**  
**Part 24(E) & 22.901(d) - Certification**

On behalf of Itronix Corporation is an application for Part 24 Certification of Itronix IX260 Rugged Laptop PC with internal dual-band PCS/Cellular CDMA PCMCIA Modem Card Models: AirCard 555/550 manufactured by Sierra Wireless, Inc. (FCC ID: N7NACRD555, originally granted September 25, 2001), utilizing an external dipole antenna mounted on the upper right side of the LCD display, and an external mobile vehicle-mount antenna with vehicle cradle. The tests in this filing were performed with the AirCard 555 radio. The AirCard 555 and 550 models are electrically and mechanically identical except for minor software changes. The IX260 also incorporates an internal co-located Mini-PCI DSSS WLAN Card (Cisco Systems, Inc. Model: MPI-350) with internal dual antenna located in the back side of the LCD display. Co-located EMC and SAR measurements are addressed within this application. A Part 15.247 certification application for the Mini-PCI DSSS WLAN Card portion of the IX260 is also submitted simultaneously with this application.

<b>Model:</b>	<b>IX260</b>
<b>Equipment Class:</b>	<b>Licensed Base Station for Part 24 (PCB)</b>
<b>Equipment Type:</b>	<b>Rugged Laptop PC with Sierra Wireless AirCard 555/550 Dual-Band PCS/Cellular CDMA PCMCIA Modem Card (Co-located with Cisco MPI-350 Mini-PCI DSSS WLAN Card)</b>
<b>Emission Designator:</b>	<b>1M25F9W</b>
<b>Tx Freq. Range:</b>	<b>1851.25 - 1908.75 MHz (PCS CDMA) 824.70 - 848.31 MHz (Cellular CDMA)</b>
<b>Conducted Power Tested:</b>	<b>23.0 dBm (PCS CDMA) 23.0 dBm (Cellular CDMA)</b>
<b>Max. RF Output Power:</b>	<b>0.213 Watts EIRP (PCS CDMA) 0.514 Watts ERP (Cellular CDMA)</b>
<b>Max. SAR Measured:</b>	<b>1.15 W/kg (PCS CDMA), 0.522 W/kg (Cellular CDMA)</b>
<b>Antenna Type(s):</b>	<b>1. External Dipole (Dual-Band CDMA Modem) 2. Dual Internal (Co-located DSSS WLAN Card) 3. Mobile Vehicle-Mount - MaxRad 3dBi Gain (CDMA Modem only)</b>

Attached is the confidentiality request letter, Parts 24(E) & 22.901(d) EMC measurement report data and photographs, RF exposure SAR measurement report data & photographs, RF exposure MPE evaluation report data, FCC ID label and location, internal and external photographs, circuit diagram(s) (confidential), parts list (confidential), tune-up procedure (confidential), antenna specifications (confidential), and the user's manual with RF exposure warning statement(s).

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