

September 13, 2004

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

**SUBJECT: ITRONIX CORPORATION  
FCC ID: KBCIX100XAC750  
Part 24(E) - Class II Permissive Change**

On behalf of Itronix Corporation is an application for Part 24(E) Class II Permissive Change of the Itronix IX100X Rugged Handheld PC with internal PCS GPRS PCMCIA Modem (Model: AirCard 750 manufactured by Sierra Wireless, Inc.), with the addition of an Itronix Vehicle Cradle and MaxRad Vehicle-Mount Antenna.

**Model:** IX100XAC750  
**Device Class:** PCS Licensed Transmitter (PCB)  
**Device Type:** Rugged Handheld PC w/ Sierra Wireless AirCard 750 PCS GPRS PCMCIA Modem  
**Class II Permissive Change(s):** 1. Add Vehicle Cradle (Itronix P/N: 50-0107-001)  
2. Add Vehicle-Mount Antenna (MaxRad 3 dBi Gain P/N: WMLPVDB800/1900)  
**DUT TX Frequency Range:** 1850.2 - 1909.8 MHz  
**Max. Conducted Pwr. Tested:** 28.7 dBm (Peak)  
**Modulation Tested:** GMSK  
**Max. Duty Cycle Tested:** 50 % (Source-Based Time-Averaged)  
**Source-Based Time-Av. Power:** 25.7 dBm Peak Conducted (Max.)  
**Max. EIRP Measured (MaxRad):** 0.214 Watts (23.31 dBm)  
**Antenna Type(s) Tested:** MaxRad 3 dBi Gain Vehicle-Mount (P/N: WMLPVDB800/1900)

Submitted with this application are the Form 731, Part 24(E) EMC measurement report data and test setup photographs, MPE evaluation report, external device photographs, vehicle-mount antenna specifications, and the user manual with RF exposure information.

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