

September 15, 2004

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

SUBJECT: ITRONIX CORPORATION
FCC ID: KBCIX100XAC555
Part 24(E) - Certification

On behalf of Itronix Corporation is an application for Part 24 Certification of the IX100X Rugged Handheld PC with internal Dual-Band PCS/Cellular CDMA PCMCIA Modem (Model: AirCard 555/550 manufactured by Sierra Wireless, Inc.), utilizing a Nearson 1/4-wave helix antenna, an Itronix IX100X vehicle cradle, and a MaxRad 3 dBi Gain vehicle-mount antenna.

Model:	IX100XAC555
Device Class:	PCS Licensed Transmitter worn on body (PCT)
Device Type:	Rugged Handheld PC w/ Sierra Wireless AirCard 555/550 PCS/Cellular CDMA Modem, 1/4-wave Helix Antenna, Vehicle Cradle, & MaxRad 3 dBi Gain Vehicle-Mount Antenna
Emission Designator(s):	1M25F9W
Frequency Tolerance(s):	150 Hz (PCS CDMA) 300 Hz (Cellular CDMA)
Tx Frequency Range(s):	1851.25 - 1908.75 MHz (PCS CDMA) 824.70 - 848.31 MHz (Cellular CDMA)
Max. Conducted Power Tested:	23.0 dBm (PCS CDMA) 23.0 dBm (Cellular CDMA)
Max. ERP/EIRP Measured:	0.313 Watts (24.96 dBm) EIRP - PCS CDMA - Nearson Helix Antenna 0.338 Watts (25.29 dBm) ERP - Cellular CDMA - Nearson Helix Antenna 0.078 Watts (18.93 dBm) EIRP - PCS CDMA - MaxRad Vehicle-Mount Antenna 0.080 Watts (19.05 dBm) ERP - Cellular CDMA - MaxRad Vehicle-Mount Antenna
Max. SAR Level(s) Measured:	Body: 1.01 W/kg - 1g average (PCS CDMA) Body: 1.00 W/kg - 1g average (Cellular CDMA)

Attached is the TCB Form 731, applicant's confidentiality request, Part 22/24 EMC measurement report data and photographs, SAR RF exposure measurement report data & photographs, MPE RF exposure evaluation report, FCC ID label and location, internal and external device photographs, schematic diagrams (confidential), parts list (confidential), tune-up procedure (confidential), operational description (confidential), 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