

September 22, 2005

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

> SUBJECT: **ITRONIX CORPORATION**

FCC ID: KBCIX260PLUSNL305

Part 15(C) - Class II Permissive Change

Original Grant Date: 11/11/04

On behalf of Itronix Corporation is an application for Part 15 Subpart C Class II Permissive Change of the IX260+ Rugged Laptop PC with internal Senao NL-3054MP 802.11b/g WLAN Mini-PCI Card.

## The Class II Permissive Changes in this filing are as follows:

- 1. Add external swivel dipole antenna (Itronix IX260+) mounted on the upper right side of the LCD display.
- 2. Add 3 dBi-gain vehicle-mount loaded monopole antenna (Itronix P/N: 46-0107-001).
- 3. Add 5 dBi-gain vehicle-mount loaded monopole antenna (Itronix P/N: 46-0107-002).
- 4. Add vehicle cradle (Itronix P/N: 60-0103-001).

IX260PLUSNL305 **Device Model:** 

**Device Classification: Digital Transmission System (DTS)** 

**Device Description:** Rugged Laptop PC with (3) external antennas and vehicle cradle

**Internal Transmitter:** Senao NL-3054MP 802.11b/g WLAN Mini-PCI Card

Mode(s) of Operation: **Direct Sequence Spread Spectrum (DSSS)** 

Tx Frequency Range(s): 2412 - 2462 MHz

Max. RF Output Power Tested: 0.059 Watts (17.7 dBm) - Peak Conducted (802.11b)

0.102 Watts (20.1 dBm) - Peak Conducted (802.11g)

Submitted within this application are the TCB Form 731, Part 15(C) EMC measurement report data and photographs, external device photographs, internal device photographs, antenna specifications, user manual legal information (provided to the user in the built-in software on the Laptop 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