

August 15, 2005

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

**SUBJECT: ITRONIX CORPORATION  
FCC ID: KBCIX325-IWLBT  
Part 15(C) - Certification  
Composite Application (DTS)**

On behalf of Itronix Corporation is an application for Part 15 Subpart C Certification of Model: IX325-IWLBT Rugged Tablet PC with internal Intel Pro 2200BG 802.11b/g Mini-PCI WLAN and internal PIFA diversity antenna installed in the upper left and right edges of the LCD display. The DUT also contains a co-located MSI MS-6837 Bluetooth with internal PIFA antenna installed on the left side center of the LCD display. A Part 15C certification application for the MSI MS-6837 Bluetooth portion of the DUT is submitted simultaneously with this application under the same FCC ID: KBCIX325-IWLBT. **The Intel Pro 2200BG 802.11b/g WLAN and MSI MS-6837 Bluetooth can transmit simultaneously. Please refer to the Co-Transmit Supplementary EMC test report submitted within this application for the co-located simultaneous transmit measurement data.**

|                                     |                                                                                                                           |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Model(s):</b>                    | <b>IX325-IWLBT</b>                                                                                                        |
| <b>Device Classification:</b>       | <b>Digital Transmission System (DTS)</b>                                                                                  |
| <b>Device Description:</b>          | <b>Rugged Tablet PC</b>                                                                                                   |
| <b>Dominant Transmitter:</b>        | <b>Intel Pro 2200BG 802.11b/g WLAN Mini-PCI Card</b>                                                                      |
| <b>Co-located Transmitter(s):</b>   | <b>MSI MS-6837 Bluetooth</b>                                                                                              |
| <b>Mode(s) of Operation:</b>        | <b>Direct Sequence Spread Spectrum (WLAN)</b>                                                                             |
| <b>Tx Frequency Range(s):</b>       | <b>2412 - 2462 MHz (WLAN)</b>                                                                                             |
| <b>Max. RF Output Power Tested:</b> | <b>0.112 Watts (20.5 dBm) Peak Conducted (802.11b)</b>                                                                    |
| <b>Max. SAR Level(s) Measured:</b>  | <b>0.210 W/kg (1g) - 802.11b - antenna edge of DUT</b>                                                                    |
| <b>Antenna Type(s) Tested:</b>      | <b>WLAN: Internal PIFA (top right side of LCD display)<br/>Bluetooth: Internal PIFA (left side center of LCD Display)</b> |
| <b>Power Source(s) Tested:</b>      | <b>11.1 V Internal Lithium-ion Battery<br/>75 Watt AC Power Adapter</b>                                                   |

Submitted within this application is the TCB Form 731, applicant's confidentiality request, Part 15(C) EMC measurement report data and test setup photographs, Part 15(C) Supplementary EMC measurement report data and test setup photographs (co-located simultaneous transmit operation), SAR RF exposure measurement report data & photographs, FCC ID label and location, internal and external device photographs, block diagrams (confidential), schematic diagrams (confidential), operational description (confidential), antenna specifications (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