

March 30, 2006

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

**SUBJECT: ITRONIX CORPORATION**  
**FCC ID: KBCIX325-CWL**  
**Part 15 Subpart C - Certification (Composite)**  
**Part 15 Subpart E - Certification (Composite)**

On behalf of Itronix Corporation is a composite application for FCC Part 15 Subparts C and E Certification of Model: IX325-CWL Rugged Tablet PC incorporating the internal Cisco AIR-CB21AG-A-K9 802.11abg WLAN PCMCIA Card.

**Model(s):** IX325-CWL  
**Device Classification(s):** Part 15 Subpart C - Digital Transmission System (DTS)  
Part 15 Subpart E - Unlicensed National Information Infrastructure TX (NII)  
**Device Description:** Rugged Tablet PC  
**Internal Transmitter:** Cisco AIR-CB21AG-A-K9 802.11abg WLAN PCMCIA Card  
**Antenna Type(s):** Embedded Dual-Band Diversity Monopole PCB Antenna  
**LCD User Orientation(s):** 0 Degrees Landscape, -90 Degrees Portrait  
**Mode(s) of Operation:** 802.11a: Orthogonal Frequency Division Multiplexing (OFDM)  
802.11b: Direct Sequence Spread Spectrum (DSSS)  
802.11g: Orthogonal Frequency Division Multiplexing (OFDM)  
**Data Rates:** 802.11b: 1, 2, 5.5, 11 Mbps  
802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps  
(Note: Turbo mode not supported with the IX325)  
**Transmit Frequency Range(s):** 2412 - 2462 MHz - 802.11b/g (ISM Band) - DTS (15C)  
5180 - 5250 MHz - 802.11a (UNII-1 Band) - NII (15E)  
5250 - 5320 MHz - 802.11a (UNII-2 Band) - NII (15E)  
5745 - 5825 MHz - 802.11a (UNII-3 Band) - DTS (15C)  
**Max. Output Power Measured:** 0.105 Watts (20.2 dBm) - Peak Conducted (802.11b)  
0.0631 Watts (18.0 dBm) - Peak Conducted (802.11g)  
0.0407 Watts (16.1 dBm) - Peak Conducted (802.11a)  
**Max. SAR Level(s) Measured:** Body: 0.258 W/kg -1g average (802.11a)  
Body: 0.166 W/kg -1g average (802.11b)

Submitted within this application is the applicant's confidentiality request, applicant's LCD display orientation attestation, Part 15C EMC measurement report data and test setup photographs, Part 15E EMC measurement report data and test setup photographs 2.4GHz SAR RF exposure measurement report data & photographs, 5GHz SAR RF exposure measurement report data & photographs FCC ID label and location, internal and external device photographs, block diagram(s) (confidential), schematic diagram(s) (confidential), operational description (confidential), 802.11abg WLAN user manual, IX325 tablet PC user manual (provided to the user with the built-in software on the Tablet PC), and the 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