

August 25, 2004

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

**SUBJECT: ITRONIX CORPORATION  
FCC ID: KBCIX100XA750WLBT  
Part 15.247 - Certification  
Bluetooth Transmitter (DSS)**

On behalf of Itronix Corporation is an application for Part 15.247 Certification of Itronix IX100x Portable Rugged Handheld PC with internal 802.11b and Bluetooth combo transmitter Model: WM-BB-AG-01 manufactured by Universal Scientific Industrial Co., Ltd. (FCC ID: IXMWM-BB-AG-01, originally granted March 18, 2004) with internal 802.11b antenna located at the top front center above the LCD display, and internal Bluetooth antenna located at the front right side center of the device. The IX100x also contains a co-located internal PCS GPRS/GSM PCMCIA Modem Model: AirCard 750 manufactured by Sierra Wireless, Inc. (FCC ID: N7NAC750, originally granted May 3, 2002), utilizing an external ¼ wave helix antenna on the top right side of the device. A Part 15.247 certification application for the WLAN (DTS) portion of the IX100x is currently pending at the Commission (EA404642), and a Part 24(E) certification application for the GSM/GPRS transmitter portion of the IX100x is also currently pending at the Commission (EA584003).

**Model:** IX100XA750WLBT  
**Device Class:** Part 15 Spread Spectrum Transmitter (DSS)  
**Device Type:** Rugged Handheld PC w/ USI WM-BB-AG-01 802.11b & Bluetooth Combo Transmitter (Co-located w/ Sierra Wireless AirCard 750 PCS GSM/GPRS PCMCIA Modem)  
**Tx Frequency Range(s):** 2402 - 2480 MHz (Bluetooth)  
**Max. Conducted Power Tested:** 0.0022 Watts (3.5 dBm) - Peak (Bluetooth)  
**Antenna Type(s) Tested:** Internal - front right side center (Bluetooth)  
**Mode of Operation:** Frequency Hopping Spread Spectrum (Bluetooth)

Attached is the applicant's confidentiality request, EMC measurement report data and photographs (Timco), FCC ID label and location, internal and external device photographs, block diagram(s) (confidential), schematic diagram(s) (confidential), operational description, 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