

July 9, 2004

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

**SUBJECT: ITRONIX CORPORATION  
FCC ID: KBCIX100XA750WLBT  
Part 15 Subpart C - Certification**

On behalf of Itronix Corporation is an application for Part 15 Subpart C 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. Co-located EMC and SAR measurements are addressed within this application. A Part 24(E) certification application for the GSM/GPRS transmitter portion of the IX100x is also submitted simultaneously with this application.

<b>Model:</b>	<b>IX100XA750WLBT</b>
<b>Device Class:</b>	<b>Digital Transmission System (DTS)</b>
<b>Device Type:</b>	<b>Rugged Handheld PC w/ USI WM-BB-AG-01 802.11b &amp; Bluetooth Combo Transmitter (Co-located w/ Sierra Wireless AirCard 750 PCS GSM/GPRS PCMCIA Modem)</b>
<b>Tx Frequency Range(s):</b>	<b>2412 - 2462 MHz (802.11b) 2402 - 2480 MHz (Bluetooth)</b>
<b>Max. Conducted Power Tested:</b>	<b>14.0 dBm Peak (802.11b) 3.5 dBm Peak (Bluetooth)</b>
<b>Max. SAR Level(s) Measured:</b>	<b>0.053 W/kg (802.11b &amp; Bluetooth)</b>
<b>Antenna Type(s) Tested:</b>	<b>Internal - top front center above LCD display (802.11b) Internal - front right side center (Bluetooth)</b>

Attached is the applicant's confidentiality request, EMC measurement report data and photographs (Timco), SAR RF exposure measurement report data & photographs (Celltech), 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