

July 2, 2004

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

**SUBJECT: ITRONIX CORPORATION
FCC ID: KBCIX100XA555WLBT
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 in the upper front center above the LCD display, and internal Bluetooth antenna located in the front right side center of the device. The IX100x also contains a co-located external dual-band PCS/Cellular CDMA PCMCIA Modem Model: AirCard 555/550 manufactured by Sierra Wireless, Inc. (FCC ID: N7NACRD555, originally granted September 25, 2001), utilizing an external ¼ wave helix antenna mounted 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 dual-band CDMA transmitter portion of the IX100x is also submitted simultaneously with this application.

Model: IX100XA555WLBT
Device Class: Digital Transmission System (DTS)
Device Type: Rugged Handheld PC w/ USI WM-BB-AG-01 802.11b & Bluetooth Combo Transmitter (Co-located w/ Sierra Wireless AirCard 555/550 PCS/Cellular CDMA PCMCIA Modem)
Tx Frequency Range(s): 2412 - 2462 MHz (802.11b)
2402 - 2480 MHz (Bluetooth)
Max. Conducted Power Tested: 14.0 dBm - Peak (802.11b)
3.5 dBm - Peak (Bluetooth)
Max. SAR Level(s) Measured: 0.053 W/kg (802.11b & Bluetooth)
Antenna Type(s) Tested: Internal - upper front center above LCD display (802.11b)
Internal - front right side center (Bluetooth)

Attached is the applicant's confidentiality request letter, 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