



209 Dayton Street, Suite 205  
Edmonds, WA 98020-3581

425 771-4482

425 486-1933 Fax

September 7, 2006

TIMCO ENGINEERING INC.  
849 NW State Road 45  
Newberry, Florida 32669

SUBJECT: FCC Certification of the Model: IX260 a Rugged Laptop PC with two embedded radios  
Grantee: ITRONIX, Corporation  
FCC ID: KBCIX260MPIAC860  
1.) Part 15.247 - Compact Flash Module, IEEE 802.11(b), WLAN Module  
2.) Part 22H & 24E. - PCMCIA, Type II Card, Dual-Band GSM/GPRS/EDGE/WCDMA/HSDPA/UMTS  
Composite Certification, RF Exposure category: Mobile, Co-located.

Gentlemen:

On behalf of ITRONIX, Corporation we request a composite Certification for the FCC ID: KBCIX260MPIAC860, a Rugged Laptop PC with two embedded co-located transmitters. This certification is requested to provide an FCC Identifier for this new composite co-located radio combination of two previously Certified individual transmitter modules. This filing is required to allow the addition of the new Model: AC860, WAN radio to the existing legacy IX260's already deployed with the referenced embedded WLAN.

We submit this application on behalf of Itronix Corporation for:

- 1.) Certification under Part 15.247, DTS, for the IX260 Rugged Laptop PC, with the embedded Cisco Systems, Inc. Model: MPI-350, a Direct Sequence Spread Spectrum Transmitter (DSSS), Compact Flash Module, Certified by the OEM under FCC ID: LDK102042. The maximum Conducted RF Power Output is: 21.2 dBm.
- 2.) Certification under Parts 22H and 24E for the IX260 Rugged Laptop PC, with the embedded Sierra Wireless, Inc. Model: AC860 Dual-band modem with GSM/GPRS/EDGE/WCDMA/HSDPA/UMTS in a PCMCIA type II card, Certified by the OEM under, FCC ID: N7NAC860.

Exhibits submitted in support of the two Form 731 applications for Certification here with include, agent authorization letter, request for confidentiality, separate EMC test reports for Parts 15 and Parts 22 & 24, EUT setup photos, OEM Conducted measurement test data, RF exposure (MPE) for each transmitter, FCC ID label and location, internal and external photographs, the user's manual and a Radio Specific RF Exposure warning statement. MPE calculations are submitted for each transmitter individually. The WAN and WLAN radios although co-located do not transmit at the same time.

We will be referring to the original equipment manufacturers (OEM) Certification test data for the conducted measurements where appropriate. These two modules would be considered "identical" to the originally approved device as defined by Part 2.908.

Confidential exhibits to be submitted directly to TIMCO by CISCO and Sierra Wireless should include block diagrams, schematic diagrams, operational description and parts list.

I would gladly address any questions or comments you may have regarding these two applications for Certification.

Best Regards,

A handwritten signature in blue ink that reads "Rod Munro".

Rod Munro  
Agent for Itronix  
President, Spectrum Technology, Inc.  
[rmunro@spectrumti.com](mailto:rmunro@spectrumti.com)