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October 20, 2003

Mr. Stan Lyles
slyles@fcc.gov
FCC Equipment Authorization Branch

Re: FCC ID: KBCIX260MPIA750BT
Applicant: Itronix Corporation
Correspondence Reference Number: 9664
731 Confirmation Number: TC463618
Date of Original Email: 10/20/2003

Subject : Reply to request for additional information email above

Mr. Lyles,

We believe that the MPE evaluation was performed at the worst case location based on the following: We assumed the highest gain for each antenna and the maximum power output measured at the antenna terminal for each transmitter. We summed the ratios of the maximum power density for each transmitter antenna combination assuming a fictional point in space 20 cm from each antenna, where the direction of maximum antenna gain and maximum power output, for all three sources, could coincidentally align for a worst case exposure location at 20 cm. The sum of the individual power density ratios for the three transmitter antenna combinations at this location is .222 mW/cm², which is below the 1.0 mW/cm² limit for general population uncontrolled exposure.

This approach maybe conservative considering the actual radiated power from each antenna would in fact be reduced by a minimum of 1.3 dB at 1850 MHz and 1.6 dB at 2450 MHz due to the loss in about 20 inches of coax feeding each antenna.

Best Regards,

A handwritten signature in black ink that reads "Rod Munro". The signature is written in a cursive, flowing style.

Rod Munro