November 9, 2000

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD 21046
Attn: Steve Dayhoff

SUBJECT: ITRONIX CORPORATION
FCC ID: KBCFEX21RIM902
731 Confirmation No.: EA99094
Correspondence Reference No.: 17033

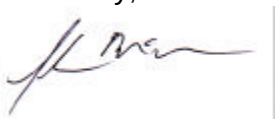
Dear Steve,

On behalf of Itronix Corporation we hereby submit the following amendment in response to your e-mail dated November 9 requesting additional information for the subject application.

1. After rechecking our ERP data sheet it was found that the numbers submitted for the upper frequency (901MHz) were entered incorrectly. We have revised the ERP data sheet with the appropriate numbers as attached. Please note that the SAR measurements were performed prior to the ERP test and the conducted power was maintained at 33dBm for both upper and lower frequencies. Since this is a clerical error and not a measurement error the SAR results were not affected.
2. For future filings we will ensure that the file sizes do not exceed 2MB.

If you have any further questions or comments, please contact the undersigned.

Sincerely,



Shawn McMillen
General Manager
Celltech Research Inc.
Testing & Engineering Lab

cc: Itronix Corporation

3.1 TEST DATA

3.2 EFFECTIVE RADIATED POWER OUTPUT - §2.1046

Freq. Tuned	EUT Conducted Power	Max. Field Strength of EUT	Polarization	Dipole Gain	Dipole Forward Conducted Power	ERP of EUT Dipole Gain + Dipole Forward Conducted Power	
(MHz)	(dBm)	(dBm)	(H/V)	(dBd)	(dBm)	dBm	Watts
896	33.0	- 6.10	V	- 0.84	33.88	33.04	2.0
901	33.0	- 6.20	V	- 0.84	33.27	32.43	1.75

Notes:

ERP Measurements by Substitution Method:

The EUT was placed on a turntable 3-meters from the receive antenna. The field of maximum intensity was found by rotating the EUT approximately 360 degrees and changing the height of the receive antenna from 1 to 4 meters. The field strength was recorded from a calibrated spectrum analyzer for each channel being tested. A half-wave dipole was substituted in place of the EUT. The dipole was fed through a directional coupler and the power at the coupler port was monitored. A signal generator and power amplifier controlled the dipole, and the input level of the dipole was adjusted to the same field strength level as the EUT. The feed point for the dipole was then connected to a calibrated power meter and the power adjusted to read the same as the coupler port previously recorded, this is to account for any mismatch in impedance, which may occur at the dipole antenna. The conducted power at the antenna feed point was recorded. The forward power for the dipole was then determined and the ERP level was determined by adding the forward dipole power and the dipole gain in dB. For readings above 1GHz the above method is repeated using standard gain horn antennas.