Elliott Laboratories Inc.
www.elliottlabs.com
684 West Maude Avenue
Sunnyvale, CA 94085-3518
408-245-7800 Phone
408-245-3499 Fax

August 4, 2005

FCC ID: E5MDS-5800-2_ATCB002619

1) The response to item dealing with RF exposure and separation distance is neither in accordance with OET65C nor CFR47. Please note that OET65C states, "For purposes of RF exposure evaluation, a mobile device is defined as a transmitting device designed to be used in other than fixed locations and to be generally used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structures and the body of the user or nearby persons." This means that in order to be classified as mobile the device must be 20cm away. The manual states UNII is only 4cm away. This is not possible.

Please also note that all NII devices are mandatory classified an uncontrolled RF exposure. 47CFR 2.1091(d) states, "The limits to be used for evaluation are specified in §1.1310 of this chapter. All unlicensed personal communications service (PCS) devices ***and unlicensed NII devices shall be subject to the limits for general population/uncontrolled exposure***.

Please also note that 15.247(b)(5) states, "Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess of the Commission's guidelines. See §1.1307(b)(1) of this chapter."

This means that this particular device cannot have MPE calculated using controlled exposure limits but must instead have MPE calculated using uncontrolled general public exposure limits.

Please correct the manual and MPE report to reflect the RF exposure category and limits for this device.

Response: The MPE calculation have been revised to 1W/cm^2 and the manual states the correct distance.

Regards,

Juan Martinez
Senior EMC Engineer
JM/dmg