

RF Exposure Calculations:

The following information provides the minimum separation distance for the dish antenna provided with the ioLink4/1 system, as calculated from **FCC OET 65 Appendix B, Table 1B** Guidelines for General Population/Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain. The formula used was:

$$S = (P_o * G) / (4 * \pi * r^2)$$

Where $S = 1.0 \text{ mW/cm}^2$ for 2400 MHz.
Where $P_o = 315 \text{ mW max.}$

For: 21 dB Dish Antenna - Comsat Model P-24A24N $r = 56 \text{ cm}$

The following statement will be presented in the ioLink4/1 User Manual, Appendix C1:

WARNING

In order to comply with the FCC adopted RF exposure requirements, this transmitter system will be installed by the manufacturer's resaler professional. Installation of the 2 ft. parabolic dish antenna must be performed in a manner that will provide at least 56 cm clearance from the front side of the dish, to any personnel such as employee or member of the public.