

## RF Exposure Limits

The following table summarizes the minimum operating distance for each antenna/amplifier system, as calculated from FCC OET Bulletin 65.

Table 6.1 Potential Health Hazard Radiation Level

Ant.	Ant. Gain (dB)	Po (mW)	EIRP (mW)	R (cm)
03MU	3	250	500	6.30
05MU	5	250	790	7.93

The following equations were used in calculating the operating distance (R).

$$EIRP(mW) = Po(mW) \cdot 10^{\frac{Gain(dB)}{10}}$$

and

$$R = \sqrt{\frac{EIRP(mW)}{4 \cdot \Pi \cdot S(mW/cm^2)}}, \quad S = 1mW/cm^2$$