

RF Exposure Limits

The following table summarizes the minimum operating distance for this device as calculated from FCC OET Bulletin 65.

Potential Health Hazard Radiation Level

Ant.	Ant. Gain (dB)	Po (mW)	EIRP (mW)	R (cm)
PCB	1	2.95	3.71	0.54

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

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

and

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