

MPE Calculations

FCC Part 1.1310, Table 1 limits the power density for uncontrolled exposure to 1 mW/cm^2 for systems operating in FCC Part 22H and 24E. The distance d (cm) from the antenna at which the power density P_d (mW/cm^2) is below this limit is calculated from the maximum EIRP, P_t (mW) using the equation:

$$P_d = P_t / \sqrt{4\pi d^2}$$

Frequency (MHz)	Maximum Output Power (dBm)	EIRP (mW)	P_d at 20 cm (mW/cm^2)
824 - 849	26.45	442	0.0879
1850 - 1910	31.7	1479	0.0294

The warning information is included in the user manual