

MPE Calculations

FCC Part 1.1310, Table 1 limits the power density for uncontrolled exposure to 1 mW/cm² for systems operating above 1.5 GHz.

The power density P_d (mW/cm²) at the distance d = 20 cm is calculated using the following equation:

$$P_d = P_t / 4\pi d^2$$

where P_t is the maximum EIRP (mW)

Frequency (MHz)	Maximum Output Power (dBm)	EIRP (mW)	P _d at 20 cm (mW/cm ²)
2402 – 2480	16.9	48.98	0.0097

The warning statement is included in the user manual