

3.8 RF Exposure Compliance

MPE Requirement:

1.0 mW/cm²

Calculation:

Antenna Gain= 3.4di

The maximum EIRP power = 0.26W

D = distance of 20cm

$S_{(mW)} = ERP_{(mW)} / 4\pi D^2$, or $S_{(mW)} = 250 / 4\pi 400 = 0.05 \text{ mW/cm}^2$, < 1.0 mW/cm²