

MPE Limit Calculation: EUT's operating frequencies between 2400 and 2483.5 MHz. Highest radiated power (EIRP) = 2.43 dBm. Therefore, **Limit for Uncontrolled exposure: 1 mW/cm²**.

Equation from page 18 of OET 65, Edition 97-01

$$S = \text{EIRP} / 4\pi R^2$$

where,

S = Power Density mW/m²

EIRP = Equivalent Isotropic Radiated Power

R = Distance to the center of radiation of the antenna (20 cm for Mobile minimum distance)

$$\text{EIRP} = 1.75 \text{ mW}$$

$$S = 1.75 / 4(3.1416)(20)^2$$

$$S = 0.00035 \text{ mW/cm}^2$$

Therefore, EUT meets the Uncontrolled Exposure limit.