

MPE Limit Calculation: EUT's operating frequencies between 2400 and 2483.5 MHz;.
Highest radiated power (EIRP) = -1.49 dBm. Therefore, **Limit for Uncontrolled exposure: 1 mW/cm²**.

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

$$S = EIRP / 4\pi R^2$$

where,

$$S = \text{Power Density mW/m}^2$$

$$EIRP = \text{Equivalent Isotropic Radiated Power}$$

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

$$EIRP = 0.71 \text{ mW}$$

$$S = 0.71 / 4(3.1416)(20)^2$$

$$S = 0.00014 \text{ mW/cm}^2$$

Therefore, EUT meets the Uncontrolled Exposure limit.