

MPE Limit Calculation: EUT's operating frequencies between 3655 and 3670 MHz;
Highest radiated power (EIRP) = 41.71 dBm. Therefore, **Limit for Uncontrolled exposure: 1 mW/cm²**.

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

$$R = \sqrt{\{EIRP / 4\pi S\}}$$

where,

S = Power Density mW/m² = 1

EIRP = Equivalent Isotropic Radiated Power

R = Distance to the center of radiation of the antenna

$$EIRP = 14860.4 \text{ mW}$$

$$R = \sqrt{(EIRP/4\pi S)}$$

$$R = 2.1 \text{ m}$$