

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/cm<sup>2</sup>**.

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

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

where,

$$S = \text{Power Density mW/m}^2 = 1$$

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

$$R = \text{Distance to the center of radiation of the antenna}$$

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

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

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