MPE Limit Calculation: EUT's operating frequencies @ 2400-2483.5 MHz; highest conducted power = 5.09 *dBm* (peak) therefore, **Limit for Uncontrolled exposure: 1 mW/cm^2 or 10 W/m^2**

EUT maximum antenna gain = *3.3 dBi.*

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

$S = PG / 4\pi R^2$ or $R = \sqrt{PG / 4\pi S}$

where, S = Power Density (1 mW/cm^2)

P = Power Input to antenna (3.24mW)

G = Antenna Gain (2.13 numeric)

S = (3.24*2.13 / 4*3.14*20.0^2)= (6.90 / 5024) = **0.001374 mW/cm^2**@ 20cm separation