5.6.2 Test Procedure

Calculate Power Density (mW/cm^2) based on EIRP using equation (4) in OET 65.

$$S = \frac{EIRP}{12.566\ R^2}$$

S= power density
EIRP= equivalent isotropic radiated power
R= distance to center of radiation of the antenna

5.6.3 Results

Assume the minimum separation distance from antenna is 20cm
Maximum EIRP per section 5.4.2 is 147.57 mw EIRP

$$R^2 = 400$$

$$S = \frac{147.57}{5026.4} \qquad S = 0.029\ mW/cm^2$$

The EUT met the general public exposure criteria.