## RF Exposure Evaluation

A calculation based on the FCC's Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields (Edition 97-01) appears below.

Maximum EIRP = 23.8 dBm + 34.6 dBi = 58.4 dBm = 691,831 mW

The limit for General Population/Uncontrolled Exposure is

 $S [mW/cm^2] = 1.0$ 

The distance from the antenna at which this radiation level will be reached is

 $R=SQRT(EIRP/4\pi S)$ 

R=SQRT( 691,831 /  $(4\pi \times 1.0)$ ) = 234.6cm

## RESULTS

The minimum distance from the antenna at which the power density is below the limit for General Population/Uncontrolled Exposure is 234.6cm.