

## MPE Calculation Worksheet

$S = (P * G) / (4\pi * D^2)$			FCC OET Bulletin 65		
Where,  S= Power Density (mW/cm <sup>2</sup> ) P= Transmitter Power (mW) G= Antenna Gain D= Distance to radiation center					
<b>System Values:</b>  <div style="display: flex; justify-content: space-between;"> <div>P (mW):</div> <div>2,000.0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>G (Numeric):</div> <div>9.0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>EIRP (mW):</div> <div>18,000.0</div> </div>					
D (cm):		130.0		Minimum Safe Distance	
S(mW/cm <sup>2</sup> ):		0.08		FCC Limit	