

## 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>		
P (mW):	5,000.0	Composite
G (Numeric):	8.3	
EIRP (mW):	41,500.0	
D (cm):	130.0	Minimum Safe Distance
S(mW/cm <sup>2</sup> ):	0.20	FCC Limit