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

$$S = \frac{PG}{4\pi R^2}$$

where: S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator R = distance to the center of radiation of the antenna

Maximum peak output power at device output terminal:	24.70 dBm
Cable and Jumper loss:	0.0 dB
Maximum peak output power at antenna input terminal:	24.70 dBm
	295.1209227 mW
Single Antenna gain (typical):	3 dBi
Number of Antennae:	2
Total Antenna gain (typical):	-0.010299957 dBi
	0.997631157 (numeric)
Prediction distance:	<u>20</u> cm
Prediction frequency:	2450 MHz
MPE limit for uncontrolled exposure at prediction frequency:	0.542364931 mW/cm ²
Power density at prediction frequency:	0.058573 mW/cm ²
	0.585734 W/m ²
Tx On time:	1.000000 ms
Tx period time:	1.000000 ms
Average Factor:	100.000000 %
Average Power density at prediction frequency:	0.585734 W/m ²
Maximum allowable antenna gain:	9.655614558 dBi
Margin of Compliance:	0 665014515 dP