

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 isotropic
R = distance to the center of radiation of the antenna

Maximum peak output power at antenna input terminal:	20.2	(dBm)*
Maximum peak output power at antenna input terminal:	105	(mW)
Antenna gain(typical):	1.7	(dBi)*
Maximum antenna gain:	1.479	(numeric)
Prediction distance:	20	(cm)
Source Based Time Average Duty Cycle:	24	(%)**
Prediction frequency:	1925	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1.000	(mW/cm ²)
Power density at prediction frequency:	0.0074	(mW/cm ²)
Margin of Compliance:	21.3	(dB)
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