



Prediction of Maximum Permissible Exposure

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 = directional power gain of the antenna relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Max. peak output power at antenna terminal(dBm): 43.00

Max. peak output power at antenna terminal(W): 19.953

Antenna gain for prediction(dBi): 0

Maximum antenna gain(numeric): 1

Duty Cycle(%): 100

Prediction distance(cm): 40

Prediction frequency(MHz): 1850

Limit for uncontrolled exposure(mw/cm²): 1.000

S(mw/cm²) = : 0.992