RF Exposure MPE Exhibit

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

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

Prediction of Maximum Permissible Exposure
Equation from page 18 of OET Bulletin 65, Edition 97-01
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

Maximum peak output power at antenna terminal (dBm): **1.17**
Maximum peak output power at antenna terminal (mW): **1.31**
Antenna gain for prediction (dBi): **3.00**
Antenna gain (numerical): **2.00**
Duty Cycle (%): **100** (worst case)
Prediction distance (cm): **20**
Prediction frequency (MHz): **2400**-**2480**
Limit for uncontrolled exposure (mW/cm ^{2}): **1.000**
S(mw/cm^2) = : 0.00052 mW/cm^2

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