Prediction of MPE limit at a given distance

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 :	EIRP	25.26	(dBm)
Maximum peak output power :		0.336	(W)
Antenna gain(typical):		0.00	(dBi)
Maximum antenna gain:		1.00	(numeric)
Prediction distance:		20.00	(cm)
Prediction frequency:		1908.75	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:		1.00	(mW/cm^2)
Power density at prediction frequency:		0.067	(mW/cm^2)
Margin of Compliance:		11.75 dB	