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 at antenna input terminal:	0.30	(dBm)
Maximum peak output power at antenna input terminal:	1.071519305	(mW)
Antenna gain(typical):	0	(dBi)
Maximum antenna gain:	1	(numeric)
Time Averaging:	100	(%)
Prediction distance:	20	(cm)
Prediction frequency:	2441	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1	(mW/cm^2)
Power density at prediction frequency:	0.0002131719926	(mW/cm^2)
Margin of compliance:	-36.7	(dB)

This equals 0.00213172 W/m2

Power listed is an EIRP number due to the fact that the antenna is integrated. Antenna gain is less than 3 dBi.