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:	25.90	(dBm)
Maximum peak output power at antenna input terminal:	389.05	(mW)
Antenna gain(typical):	26.00	(dBi)
Maximum antenna gain:	26.00	(numeric)
Prediction distance:	600.00	(cm)
Prediction frequency:	5775.00	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1.00	(mW/cm^2)

Power density at prediction frequency: 0.0022 (mW/cm^2)

Maximum allowable antenna gain: 40.66 (dBi)

Margin of Compliance: 26.51

EUT is professionally installed on the outside of buildings away from the general public.