MPE Calculation	
Company Name	California Eastern Laboratories, Inc.
Model #	ZFSM-201-1
FCC ID #	W7Z-FSTARPRO
IC #	8254A-FSTARPRO

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:	10.86	(dBm)
Maximum peak output power at antenna input terminal:	12.190	(mW)
Antenna gain(typical):	2	(dBi)
Maximum antenna gain:	1.585	(numeric)
Prediction distance:	20	(cm)
Prediction frequency:	2405	(MHz)
MPE limit for uncontrolled exposure at prediction frequency:	1	(mW/cm^2)
Power density at prediction frequency:	0.003844	(mW/cm^2)
Maximum allowable antenna gain:	26.2	(dBi)
Margin of Compliance at 20 cm =	24.2	dB