MPE Exposure Formula:

S = (P X G) / (4 X π X d^2)

where:
S = power density
P = transmitter conducted power in (mW)
G = antenna numeric gain
d = distance to radiation center (m) or (.02^2) = .020 m

		Enter Data in Linear Units			
Gain =	3.16	Numeric		5	dBi
Power =	6026	mW		37.8	dBm
Frequency =	**806**	**MHz**		0.537	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	19054.61	mW		19054.61	mW
R (cm) =	53.1218482		S (20cm) =		3.791

		Enter Data in Linear Units			
Gain =	10.00	Numeric		10	dBi
Power =	6026	mW		37.8	dBm
Frequency =	**806**	**MHz**		0.537	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	60255.96	mW		60255.96	mW
R (cm) =	94.4654889		S (20cm) =		11.988

		Enter Data in Linear Units			
Gain =	46.24	Numeric		16.65	dBi
Power =	6026	mW		37.8	dBm
Frequency =	**806**	**MHz**		0.537	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	278612.12	mW		278612.1	mW
R (cm) =	203.1295828		S (20cm) =		55.428

		Enter Data in Linear Units			
Gain =	73.28	Numeric		18.65	dBi
Power =	6026	mW		37.8	dBm
Frequency =	**806**	**MHz**		0.537	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	441570.45	mW		441570.4	mW
R (cm) =	255.7249937		S (20cm) =		87.848