MPE Exposure Formula:

S = (P X G) / (4 X p 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 =	6	Numeric		8	dBi
Power =	182	mW		22.6	dBm
Frequency =	**1850**	**MHz**		1.000	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	1148.15	mW		1148.15	mW
R (cm) =	9.5586172		S (20cm) =		0.228

Enter Data in Linear Units					
Gain =	10	Numeric		10	dBi
Power =	141	mW		21.5	dBm
Frequency =	**1880**	**MHz**		1.000	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	1412.54	mW		1412.54	mW
R (cm) =	10.6021774		S (20cm) =		0.281

Enter Data in Linear Units					
Gain =	10	Numeric		10	dBi
Power =	107	mW		20.3	dBm
Frequency =	**1910**	**MHz**		1.000	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	1071.52	mW		1071.52	mW
R (cm) =	9.2341105		S (20cm) =		0.213

		Enter Data in Linear Units			
Gain =	5	Numeric		7	dBi
Power =	62	mW		17.9	dBm
Frequency =	**1930**	**MHz**		1.000	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	309.03	mW		309.03	mW
R (cm) =	4.9590110		S (20cm) =		0.061

		Enter Data in Linear Units			
Gain =	5	Numeric		7	dBi
Power =	141	mW		21.5	dBm
Frequency =	**1950**	**MHz**		1.000	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	707.95	mW		707.95	mW
R (cm) =	7.5057668		S (20cm) =		0.141

		Enter Data in Linear Units			
Gain =	5	Numeric		7	dBi
Power =	186	mW		22.7	dBm
Frequency =	**1990**	**MHz**		1.000	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	933.25	mW		933.25	mW
R (cm) =	8.6177734		S (20cm) =		0.186