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

2472 MHz 802.11b

		Enter Data in Linear Units			
Gain =	2.5	Numeric	**EUT ant.:**	3.9	dBi
Power =	59	mW	**EUT power:**	17.69	dBm
Frequency =	**2472**	**MHz**	**MPE limit:**	1	mW/cm^2
Cable Loss =		**dB**			
EIRP =	144.21	mW		144.21	mW
R (cm) =	3.3876230		S (20cm) =		0.028690

2472 MHz 802.11g

		Enter Data in Linear Units			
Gain =	2.5	Numeric	**EUT ant.:**	3.9	dBi
Power =	136	mW	**EUT power:**	21.32	dBm
Frequency =	**2472**	**MHz**	**MPE limit:**	1	mW/cm^2
Cable Loss =		**dB**			
EIRP =	332.66	mW		332.66	mW
R (cm) =	5.1451148		S (20cm) =		0.066181