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

903 MHz (9dBd omni antenna)

		Enter Data in Linear Units			
Gain =	13.2	Numeric	**EUT ant.:**	11.2	dBi
Power =	302	mW	**EUT power:**	24.8	dBm
Frequency =	**902**	**MHz**	**MPE limit:**	0.601	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3981.07	mW		3981.07	mW
R (cm) =	22.95		S (20cm) =	0.792	mW/cm^2

914 MHz (9dBd omni antenna)

		Enter Data in Linear Units			
Gain =	13.2	Numeric	**EUT ant.:**	11.2	dBi
Power =	302	mW	**EUT power:**	24.8	dBm
Frequency =	**915**	**MHz**	**MPE limit:**	0.610	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3981.07	mW		3981.07	mW
R (cm) =	22.79		S (20cm) =	0.792	mW/cm^2

927 MHz (9dBd omni antenna)

		Enter Data in Linear Units			
Gain =	13.2	Numeric	**EUT ant.:**	11.2	dBi
Power =	302	mW	**EUT power:**	24.8	dBm
Frequency =	**928**	**MHz**	**MPE limit:**	0.619	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3981.07	mW		3981.07	mW
R (cm) =	22.63		S (20cm) =	0.792	mW/cm^2

903 MHz (14dBd half parabolic antenna)

		Enter Data in Linear Units			
Gain =	41.7	Numeric	**EUT ant.:**	16.2	dBi
Power =	95	mW	**EUT power:**	19.8	dBm
Frequency =	**902**	**MHz**	**MPE limit:**	0.601	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3981.07	mW		3981.07	mW
R (cm) =	22.95		S (20cm) =	0.792	mW/cm^2

914 MHz (14dBd half parabolic antenna)

		Enter Data in Linear Units			
Gain =	41.7	Numeric	**EUT ant.:**	16.2	dBi
Power =	95	mW	**EUT power:**	19.8	dBm
Frequency =	**915**	**MHz**	**MPE limit:**	0.610	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3981.07	mW		3981.07	mW
R (cm) =	22.79		S (20cm) =	0.792	mW/cm^2

927 MHz (14dBd half parabolic antenna)

		Enter Data in Linear Units			
Gain =	41.7	Numeric	**EUT ant.:**	16.2	dBi
Power =	95	mW	**EUT power:**	19.8	dBm
Frequency =	**928**	**MHz**	**MPE limit:**	0.619	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3981.07	mW		3981.07	mW
R (cm) =	22.63		S (20cm) =	0.792	mW/cm^2