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

902 MHz (Omni antenna)

		Enter Data in Linear Units			
Gain =	8.3	Numeric	**EUT ant.:**	9.2	dBi
Power =	407	mW	**EUT power:**	26.1	dBm
Frequency =	**902**	**MHz**	**MPE limit:**	0.601	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3388.44	mW		3388.44	mW
R (cm) =	21.1756831		S (20cm) =		0.674

915.4 MHz (Omni antenna)

		Enter Data in Linear Units			
Gain =	8.3	Numeric	**EUT ant.:**	9.2	dBi
Power =	457	mW	**EUT power:**	26.6	dBm
Frequency =	**915**	**MHz**	**MPE limit:**	0.610	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3801.89	mW		3801.89	mW
R (cm) =	22.2705094		S (20cm) =		0.756

928 MHz (Omni antenna)

		Enter Data in Linear Units			
Gain =	8.3	Numeric	**EUT ant.:**	9.2	dBi
Power =	457	mW	**EUT power:**	26.6	dBm
Frequency =	**927**	**MHz**	**MPE limit:**	0.618	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3801.89	mW		3801.89	mW
R (cm) =	22.1258942		S (20cm) =		0.756

902 MHz (Yagi antenna)

Enter Data in Linear Units					
Gain =	16.6	Numeric	**EUT ant.:**	12.2	dBi
Power =	234	mW	**EUT power:**	23.7	dBm
Frequency =	**902**	**MHz**	**MPE limit:**	0.601	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3890.45	mW		3890.45	mW
R (cm) =	22.6901532		S (20cm) =		0.774

915.4 MHz (Yagi antenna)

Enter Data in Linear Units					
Gain =	16.6	Numeric	**EUT ant.:**	12.2	dBi
Power =	240	mW	**EUT power:**	23.8	dBm
Frequency =	**915**	**MHz**	**MPE limit:**	0.610	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3981.07	mW		3981.07	mW
R (cm) =	22.7892562		S (20cm) =		0.792

928 MHz (Yagi antenna)

Enter Data in Linear Units					
Gain =	16.6	Numeric	**EUT ant.:**	12.2	dBi
Power =	229	mW	**EUT power:**	23.6	dBm
Frequency =	**927**	**MHz**	**MPE limit:**	0.618	mW/cm^2
Cable Loss =	**0**	**dB**			
EIRP =	3801.89	mW		3801.89	mW
R (cm) =	22.1258942		S (20cm) =		0.756