RF Hazard Distance Calculation								
mW/cm2 from Table1:		**1.00**						
Max RF Powe	TX Antenna	MPE						
P, dBm	G, dBi	Safe Distance, cm						
18.0	**34.8**	**123.1**	RadioWaves 4ft dish					
18.0	**18.0**	**17.8**	RadioWaves sector					
18.0	**16.5**	**15.0**	Telex yagi					
18.0	**18.0**	**17.8**	EA flat panel					
Basis of Calculations:						**4**	**36.0**	**36.0**
E^2/3770 = S, mW/cm2								
E, V/m = (Pwatts*Ggain*30)^.5/d, meters								
d = ((Pwatts*G*30)/3770*S))^0.5			Pwatts*Ggain = 10^(PdBm-30+GdBi)/10)					
NOTE: For mobile or fixed location transmitters, minimum separation distance is 20 cm,								
even if calculations indicate MPE distance is less								