Carlson Wireless					
FCC ID: OPA-FT-512					
RF Hazard Distance Calculation					
mW/cm2 from Table1:		1.00			
Max RF Power	TX Antenna	MPE			
P, dBm	G, dBi	Safe Distance, cm			
17.6	13.8	10.5			
17.6	24.0	33.9			
Basis of Calculations:					
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 fixed location transmitters, minimum separation distance is 2 meter,					
even if calculations indicate MPE distance is less					