MPE Calculations for Foxcom Litenna

FCC ID: OJFLITENNA0HF0SB

RF Hazard Distance Calculation

mW/cm2 from Table1:   1.00

Max RF Power	TX Antenna	MPE
P, dBm	G, dBi	Safe Distance, cm
21.0	**10**	**10.0**

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: To meet FCC requirements for products of this type, a minimum separation distance of 20 cm must be maintained between antennas and all persons