25-Sep-01

FCC ID: LKT-IF-24

**RF Hazard Distance
Calculation**

mW/cm2 from Table1:   **1.00**

Max RF Power P, dBm	TX Antenna G, dBi	MPE Safe Distance, cm
12.0	23.5	16.8
18.0	**18.0**	**17.8**
19.0	17.0	17.8
20.0	15.5	16.8
26.0	7.5	13.3

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, minimum separation distance from all persons is 2.0m,
even if calculations indicated MPE distance is less**