

MPE Calculations						
Alvarion Ltd						
FCC ID: LKT-IF-VL						
Maxrad MFB58008						
Calculate mW/cm2 here. Enter frequency i						
RF Hazard Distance Calculation						
Calculation of Limits from 1.1310 Table 1						
mW/cm2 from Table1: 1.00						
F(MHz) Actual F, MHz						
0.3-3 0.5						
3.0 - 30.0 5						
30.0-300 55						
300-1500 555						
1500-100000 5555						
Enter P(watts) Equivalent dBm Enter dBm						
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						

