Alvarion Ltd.										Controlled	Uncontrolled
										Ave 6 min	Ave 30 min
FCC ID: LKT-BMAX-SI36											
Self intall 3.65 GHz router					Calculate mW/cm2 here. Enter frequency in MHz:						
RF Hazard Distance Calculation					Calculation of Limits from 1.1310 Table 1						
										Controlled	Uncontrolled
										Ave 6 min	Ave 30 min
mW/cm2 from Table1:		1.00				F(MHz)	Actual F, MHz			Occ, mW/c2	Gen, mW/cm2
						0.3-3	0.5			100.0	100.0
Max RF Power	TX Antenna	MPE distance	S, mW/cm@	Comment		3.0 - 30.0	5			180.0	36.0
P, dBm	G, dBi	cm	at 20 cm			30.0-300	55			1.0	0.2
						300-1500	902			3.0	0.60
22.8	11.00	13.8	0.48	Effective gain=14dBi- 3dB cable loss		1500-100000	5555			5.0	1.0
						Enter P(mW)	Equivalent dBm	Enter dBm	Equivalent Watts		
Basis of Calculations:						895.4	29.52	29.52	895.4		
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)								
S@20cm = 20 log (MPE dist/20cm)											
NOTE: For mobile or fixed location transmitters, minimum separation distance is for FCC compliance is 20 cm,											
even if calculations indicate MPE distance is less											