Alvarion										
FCC ID: LKT-ASU-900										
Class 2 permissive change										
Mobile operation with 5 dBi omni				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:		0.60			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	MPE, inches		*3.0 - 30.0*	*5*		*180.0*	*36.0*	
P, dBm	G, dBi	Safe Distance, cm			30.0-300	55		1.0	0.2	
					300-1500	**900**		**3.0**	**0.60**	
24.5	5.0	10.9	4.3		1500-100000	5555		5.0	1.0	
					Enter P(mW)	Equivalent dBm	Enter dBm	Equivalent Watts		
Basis of Calculations:							*18.1*			
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										