Breezecom	(Alvarion)										
FCC ID:	LKT-SUR-24										
Class 2 permissive change: Add 16 dB antenna with integral cable											
Cable loss:	3.5 dB										
							Calculate mW/cm2 here. Enter frequency in MHz:				
RF Hazard Distance Calculation							Calculation of Limits from 1.1310 Table 1				
										Controlled	Uncontrolle
										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	1		100.0	100.0
Max RF Powe	TX Antenna	Cable loss,	MPE				3.0 - 30.0	30		30.0	6.0
P, dBm	G, dBi	dB	Safe Distance, cm				30.0-300	**20**		**1.0**	**0.2**
							300-1500	903.5		3.0	0.60
27.4	**16.0**	**3.75**	**27.1**				1500-100000	1500		5.0	1.0
							Enter P(watts	Equivalent c	**Enter dBm**	Equivalent Watts	
Basis of Calculations:							**0.549**	**27.4**	**27.4**	0.55	
E^2/3770 = S, mW/cm2											
E, V/m = (Pwatts*Ggain*30)^.5/d, m			(Pwatts is power delivered to antenna)								
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											

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