Silver Spring Networks											
FCC ID: OWS-NIC714											
							Calculate mW/cm2 here. Enter frequency in MHz:				
				User Manual			Calculation of Limits from 1.1310 Table 1				
S1 for 900 MHz		0.60	maximum	**RFx distance, cm**	20					Controlled	Uncontrolled
S3 for 2.4 GHz		1.00	maximum				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/cm2	S, mW/cm2 at	Comment 1	Comment 2	*3.0 - 30.0*	*5*		*180.0*	*36.0*
P, dBm	G, dBi	cm	at 20 cm dist	20			**30.0-300**	**55**		**1.0**	**0.2**
				cm			*300-1500*	*902*		*3.0*	*0.60*
29.6	4.00	17.4	0.452	0.452	900 MHz FHSS	Internal antenna	1500-100000	5805		5.0	1.0
22.7	1.0	4.3	0.047	0.047	2.4 GHz FHSS	Internal antenna					
							Enter P(mW)	Equivalent dBm	**Enter dBm**	Equivalent Watts	
				% 900MHz RFx	75.3%						
				% 2.4 GHz RFx	4.7%						
				Total RFx	79.96%						
Basis of Calculations:							***555***	**27.44**	***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@dist2 = S@MPEdist(MPE/dist2)^2											
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											