Silver Spring Networks										
FCC ID: OWS-NIC514										
2.4 GHz DTS Radio										
		Distance, cm	Distance, cm	Distance, cm						
		Center meter	Left Meter	Right Meter						
		21	26.40	26.40						
mW/cm2 from Table1:		1.00	0.6	0.6						
Max RF Power	TX Antenna	MPE distance	S, mW/cm	Comment						
P, dBm	G, dBi	cm								
20.80	3.00	4.4	0.043	Center Meter	contribution					
29.86	4.00	18.0	0.278	Left Meter	contribution					
29.86	4.00	18.0	0.278	Right meter	contribution					
	Worst Case	**RFx total**	4.3%	% center	**2.4 GHz**					
			46.3%	% left	900 MHz					
			46.3%	% right	900 MHz					
		TOTAL	96.9%	<100%						
Basis of Calculations:										
						MPE:	S=0.6 mW/cm2 at d cm			
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