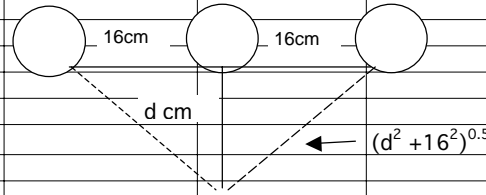


<b>Silver Spring Networks</b>					
FCC ID: OWS-NIC514					
<b>902-928 MHz FHSS Radio</b>					
	Distance, cm	Distance, cm	Distance, cm		
	Center meter	Left Meter	Right Meter		
	29	33.12	33.12		
<b>mW/cm2 from Table1:</b>					
	<b>0.60</b>	<b>0.6</b>	<b>0.6</b>		
Max RF Power P, dBm	TX Antenna G, dBi	MPE distance cm	S, mW/cm	Comment	
29.86	4.00	18.0	0.230	Center Meter	contribution
29.86	4.00	18.0	0.176	Left Meter	contribution
29.86	4.00	18.0	0.176	Right meter	contribution
	<b>Worst Case</b>	<b>RFx total</b>	38.4%	% center	<b>900 MHz</b>
			29.4%	% left	900 MHz
			29.4%	% right	900 MHz
		TOTAL	97.2%	<100%	
<b>Basis of Calculations:</b>					
$E^2/3770 = S, \text{ mW/cm}^2$					
$E, \text{ V/m} = (P_{\text{watts}} * G_{\text{gain}} * 30)^{.5} / d, \text{ meters}$					
$d = ((P_{\text{watts}} * G_{\text{gain}} * 30) / 3770 * S)^{.5}$					
$S_{@20\text{cm}} = 20 \log (\text{MPE dist} / 20\text{cm})$					
<b>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</b>					



MPE: S=0.6 mW/cm2 at d cm