

Options		User Input	
Solve For: <input checked="" type="radio"/> TPO <input type="radio"/> ERP		ERP: <input type="text" value=".22"/> kW	
Antenna input: <input checked="" type="radio"/> End fed <input type="radio"/> Center Fed		Frequency: <input type="text" value="102.5"/> MHz	
<input type="button" value="Edit Antenna Database"/>		Center of Radiation (COR) - AGL: <input type="text" value="318"/> ft <input type="text" value="97.0"/> m	
<i>Transmission Line FM Mid-Band Average Power Rating is 3.49kW</i>		<input type="text" value="FMEC-1"/> Antenna	
		Additional Losses: <input type="text" value="0"/> dB	
		Distance, Transmitter to Tower: <input type="text" value="50"/> ft <input type="text" value="15.2"/> m	
		<input foam="" heliax"="" type="text" value="Andrew LDF4-50A, 1/2"/> Trans. Line	
Calculated Results			
Antenna Power Gain	<input type="text" value="0.441"/>	Tx Line Length	<input type="text" value="368 ft (112.2 m)"/>
Antenna Field Gain	<input type="text" value="6641"/>	Minimum Tower Aperture	<input type="text" value="11 ft (3.4 m)"/>
Ant. FI @ 1 mi./1kW	<input type="text" value="91.377"/> mV/m	Top Bay Elevation - AGL	<input type="text" value="318 ft (97 m)"/>
Antenna Input Power	<input type="text" value=".499"/> kW	Antenna Length	<input type="text" value="1 ft (0.2 m)"/>
Line Attenuation/100 ft	<input type="text" value=".6695"/> dB	Bottom of Antenna - AGL	<input type="text" value="318 ft (96.9 m)"/>
Power Loss in Coax	<input type="text" value=".381"/> kW	This Software is Provided for Planning Purposes Only	
TPO	<input type="text" value=".880"/> kW		
		<input type="text" value="56.7"/> % Eff	