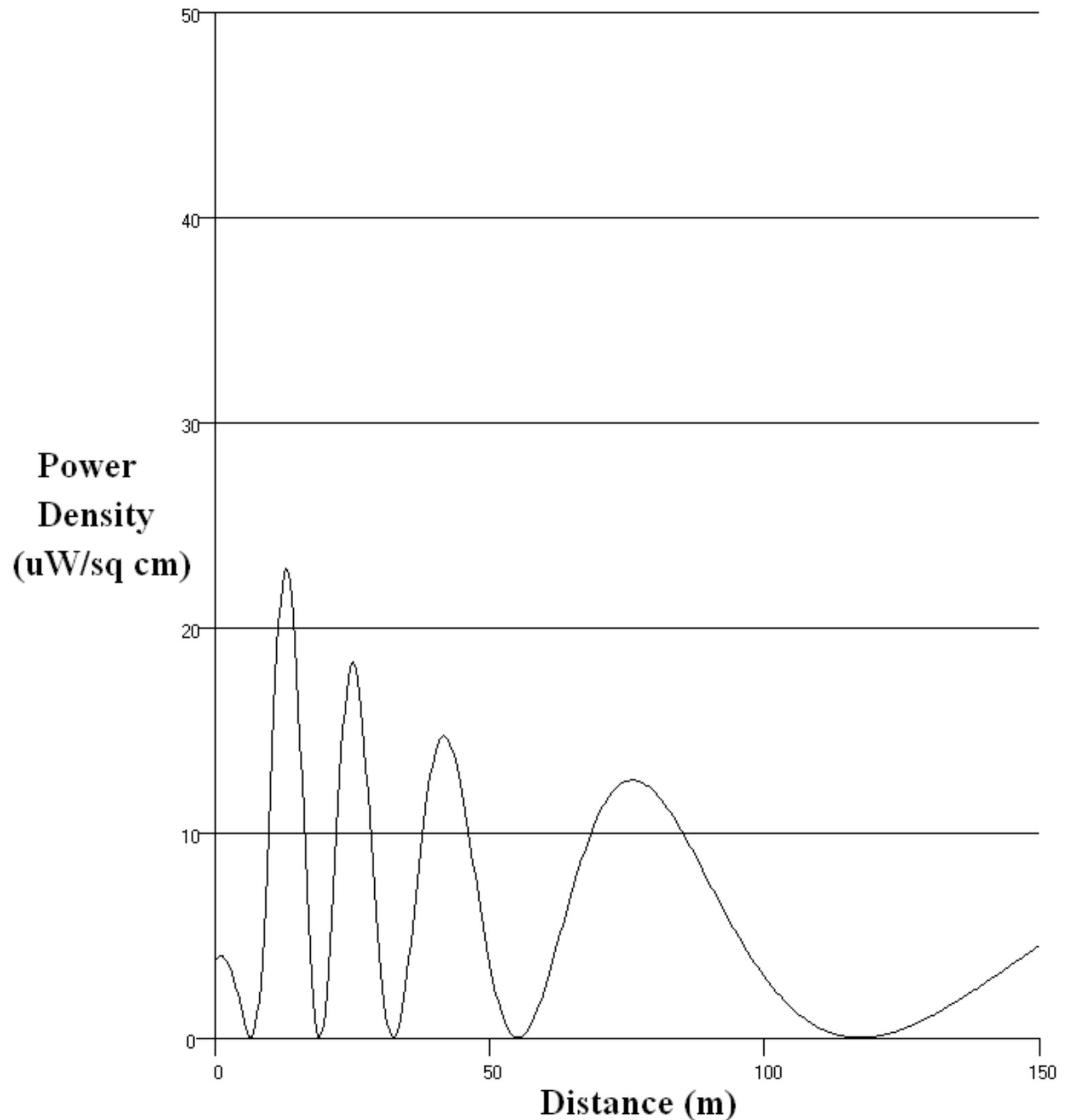


# Power Density vs Distance



Modified from FMMODEL, a program written by the FCC Office of Engineering and Technology

Distance(m):	<input type="text" value="150"/>	Antenna Type:	<input type="text" value="Shively Model 6513/6510 Vertical Dipole"/>	<b>NEW</b>
Horizontal ERP(kW):	<input type="text" value="0.1"/>	Number of Elements:	<input type="text" value="6"/>	22.8653 $\mu\text{W}/\text{sq cm}$
Vertical ERP(kW):	<input type="text" value="50.0"/>	Element Spacing:	<input type="text" value="0.867"/>	at 12.9 Meters
Antenna Height (m):	<input type="text" value="25.0"/>	2.3% of Occupational Limit 11.4% of General Limit		