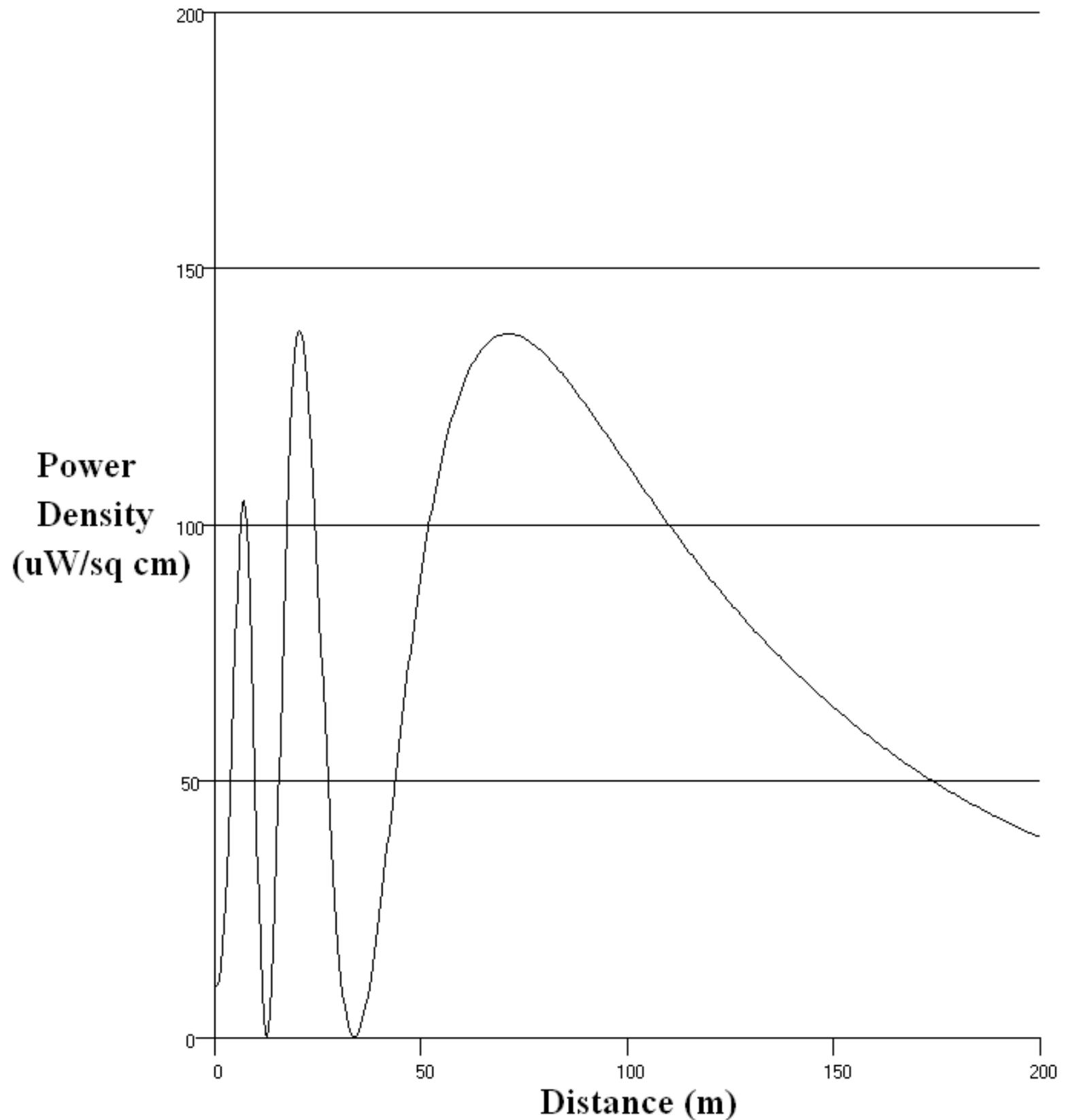


# Power Density vs Distance



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

Distance(m):	<input type="text" value="200"/>	Antenna Type:	<input type="text" value="Phelps-Dodge 'Ring Stub' or Dipole (EPA)"/>	<b>Prop</b>
Horizontal ERP(kW):	<input type="text" value="0.1"/>	Number of Elements:	<input type="text" value="4"/>	<b>137.693 <math>\mu\text{W}/\text{sq cm}</math></b>
Vertical ERP(kW):	<input type="text" value="50.000"/>	Element Spacing:	<input type="text" value=".7"/>	<b>at 20.8 Meters</b>
Antenna Height (m):	<input type="text" value="15.0"/>	<b>13.8% of Occupational Limit 68.8% of General Limit</b>		