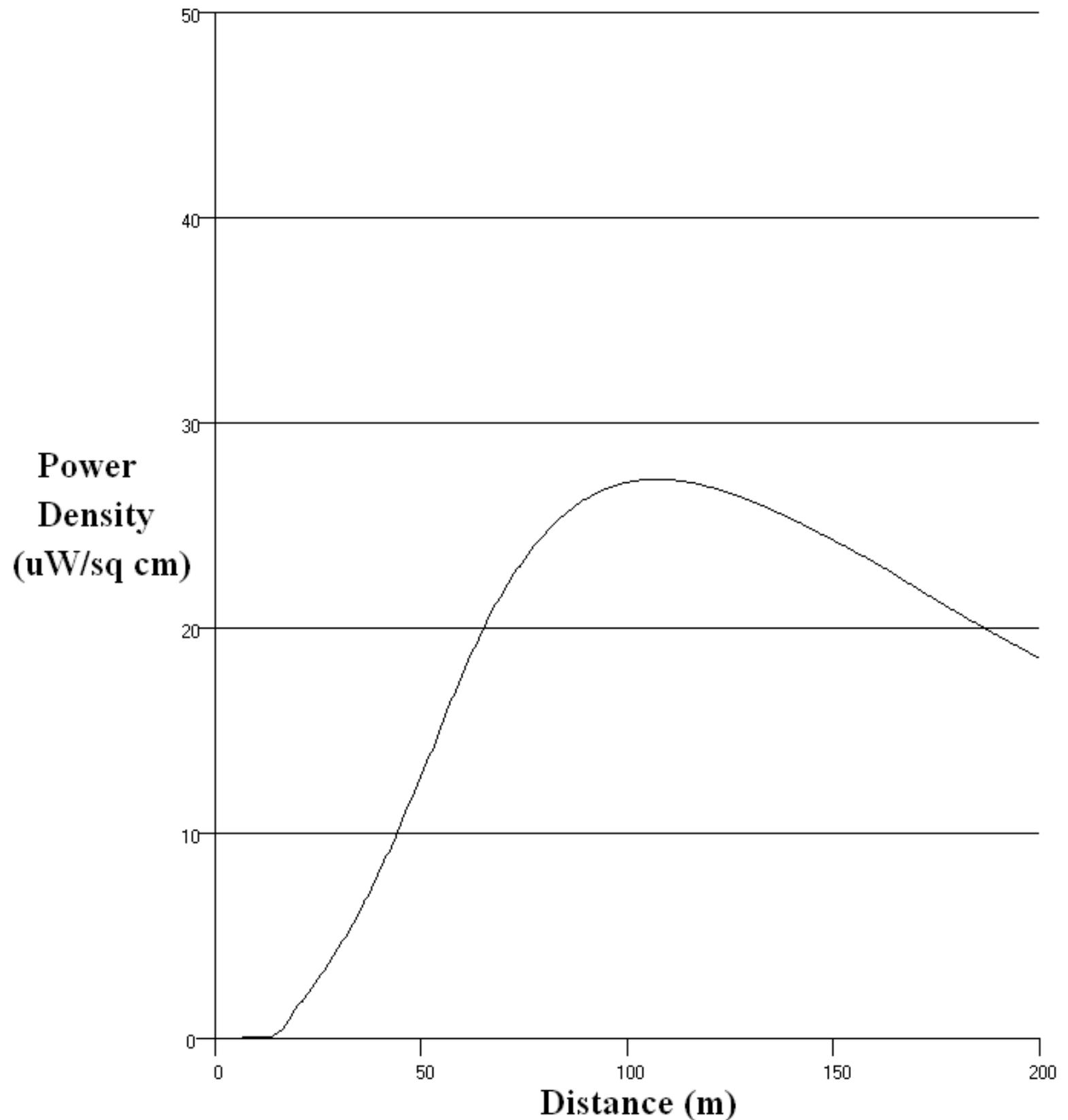


# Power Density vs Distance



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="Aldena ALP 08.02.07 LP in elliptical orientatio"/>	<b>TN Oak Ridge</b>
Horizontal ERP(kW):	<input type="text" value="17.000"/>	Number of Elements:	<input type="text" value="1"/>	27.2128 $\mu\text{W}/\text{sq cm}$
Vertical ERP(kW):	<input type="text" value="17.000"/>	Element Spacing:	<input type="text" value=""/>	at 107.2 Meters
Antenna Height (m):	<input type="text" value="77.0"/>	2.7% of Occupational Limit 13.6% of General Limit		