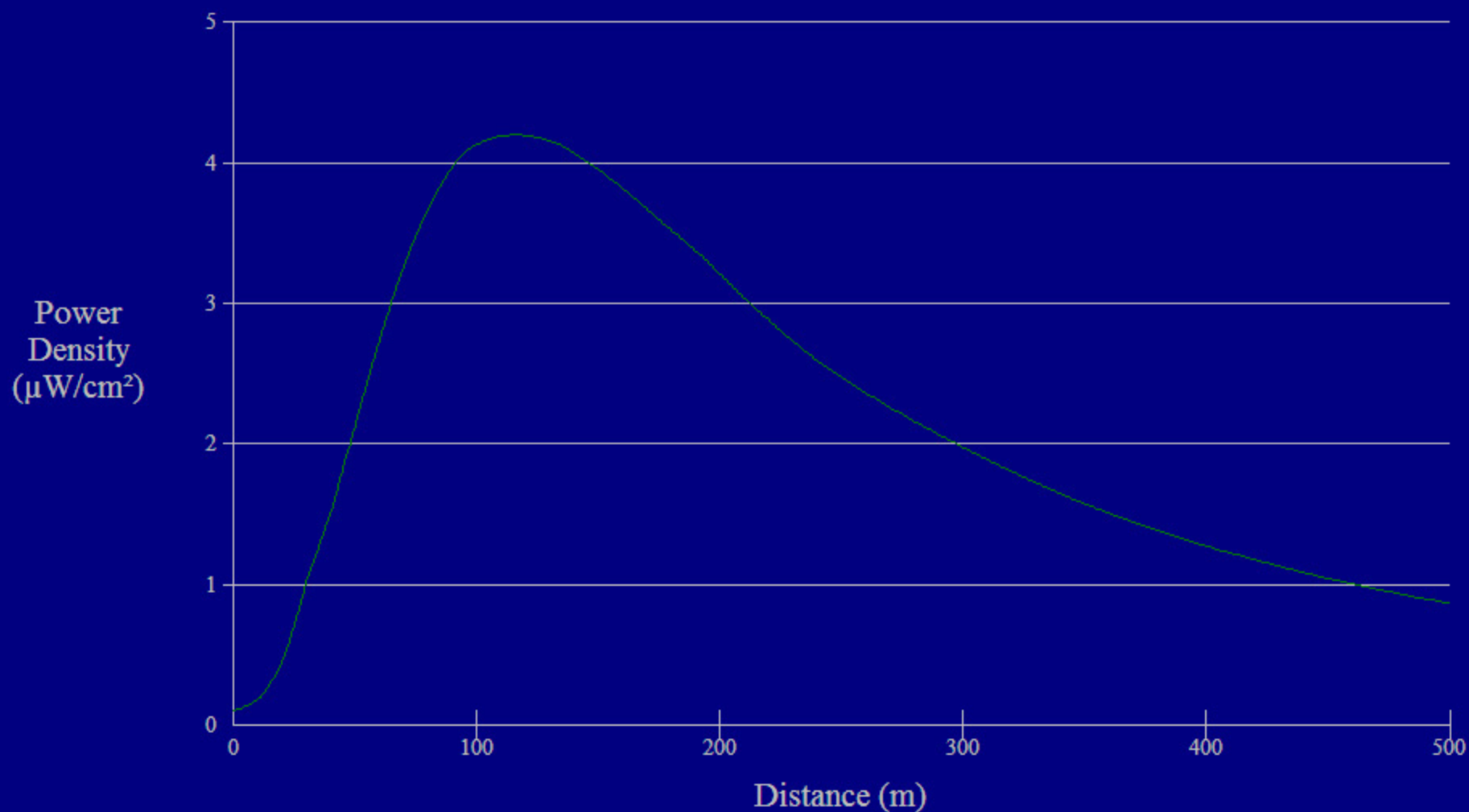


Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="500"/>	Antenna Type:	<input type="text" value="Shively 6810"/>
Horizontal ERP (W):	<input type="text" value="3700"/>	Number of Elements:	<input type="text" value="1"/>
Vertical ERP (W):	<input type="text" value="3700"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="114"/>		

Maximum Value of Graph.

The Max Power Density was found to be $4.20007819221724 \mu\text{W}/\text{cm}^2$ at 116 meters.

Note: Graph resolution is 500 points.