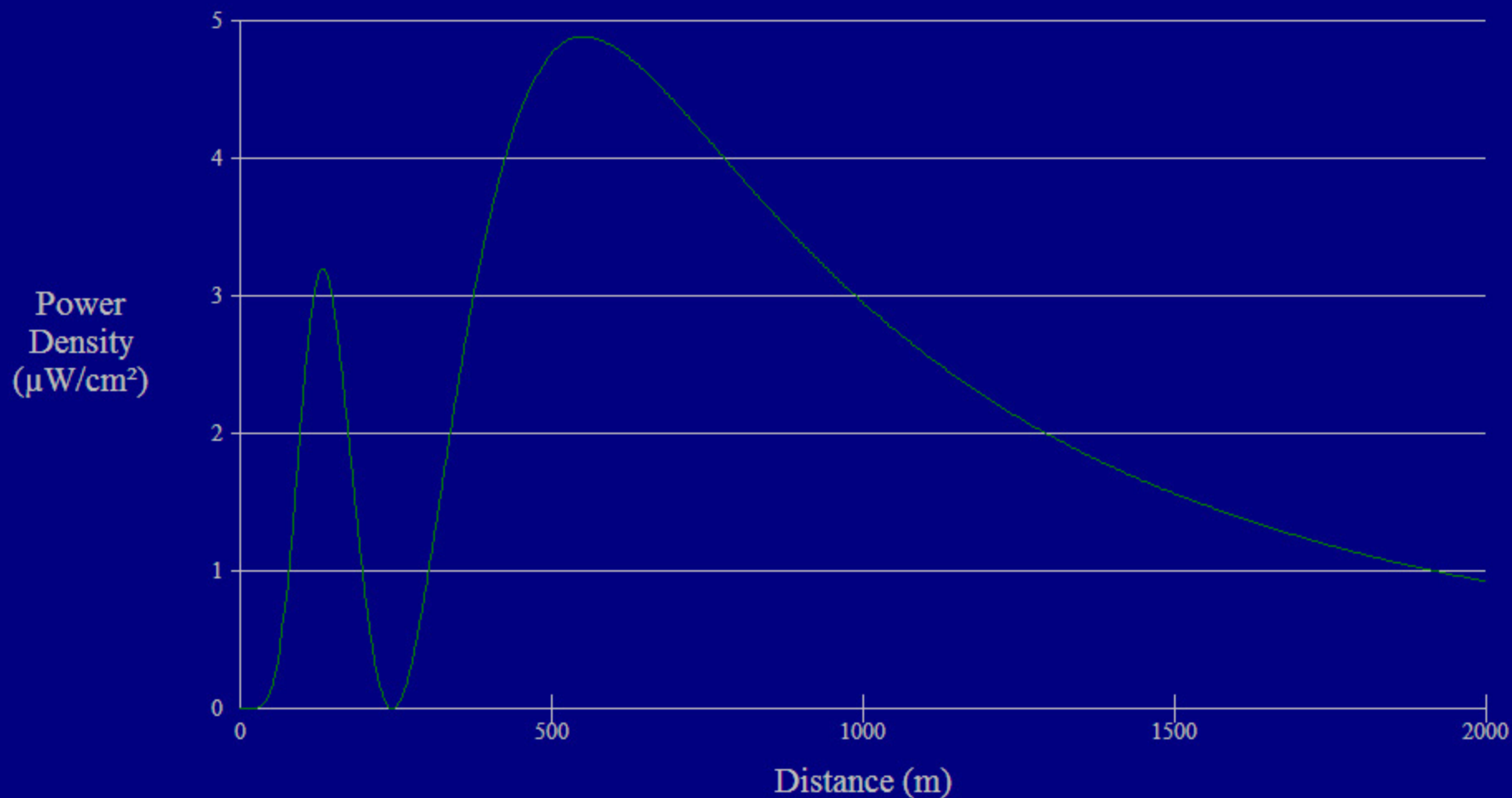


Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="2000"/>	Antenna Type:	ERI or JAMPRO JBCP "Rototiller" (EPA) ▼
Horizontal ERP (W):	<input type="text" value="58000"/>	Number of Elements:	<input type="text" value="4"/>
Vertical ERP (W):	<input type="text" value="58000"/>	Element Spacing:	<input type="text" value=".5"/>
Antenna Height (m):	<input type="text" value="143"/>		

Maximum Value of Graph.

The Max Power Density was found to be 4.88324715106112 $\mu\text{W}/\text{cm}^2$ at 548 meters.

Note: Graph resolution is 500 points.

OK