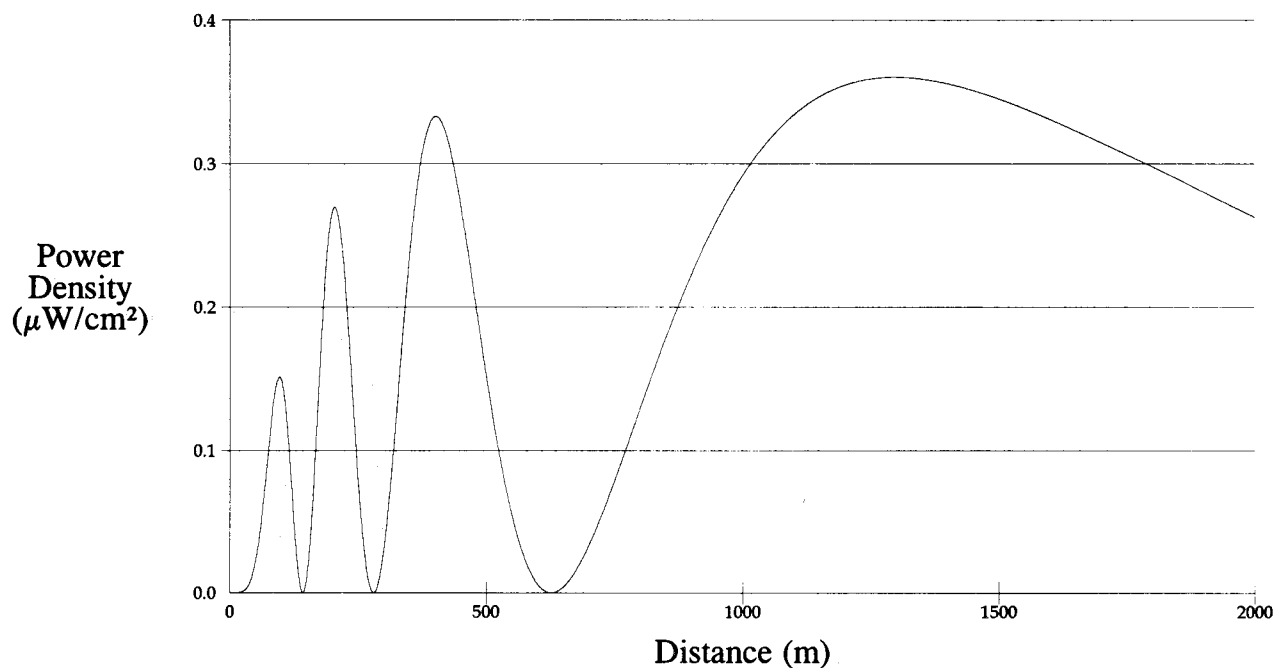


### Power Density vs Distance



#### Ground-Level NIER Analysis

#### OET FMModel

##### KJQY(FM) San Diego Auxiliary

Antenna Type: ERI "Rototiller"  
Number of Elements: 8  
Element Spacing: 0.5 wavelength

Distance: 2000 meters  
Horizontal ERP: 22000 Watts  
Vertical ERP: 22000 Watts

Antenna Height: 164 meters AGL

Maximum Power Density is 0.4  $\mu\text{W}/\text{cm}^2$  at 1298 meters from the antenna structure.

Hatfield & Dawson Consulting Engineers