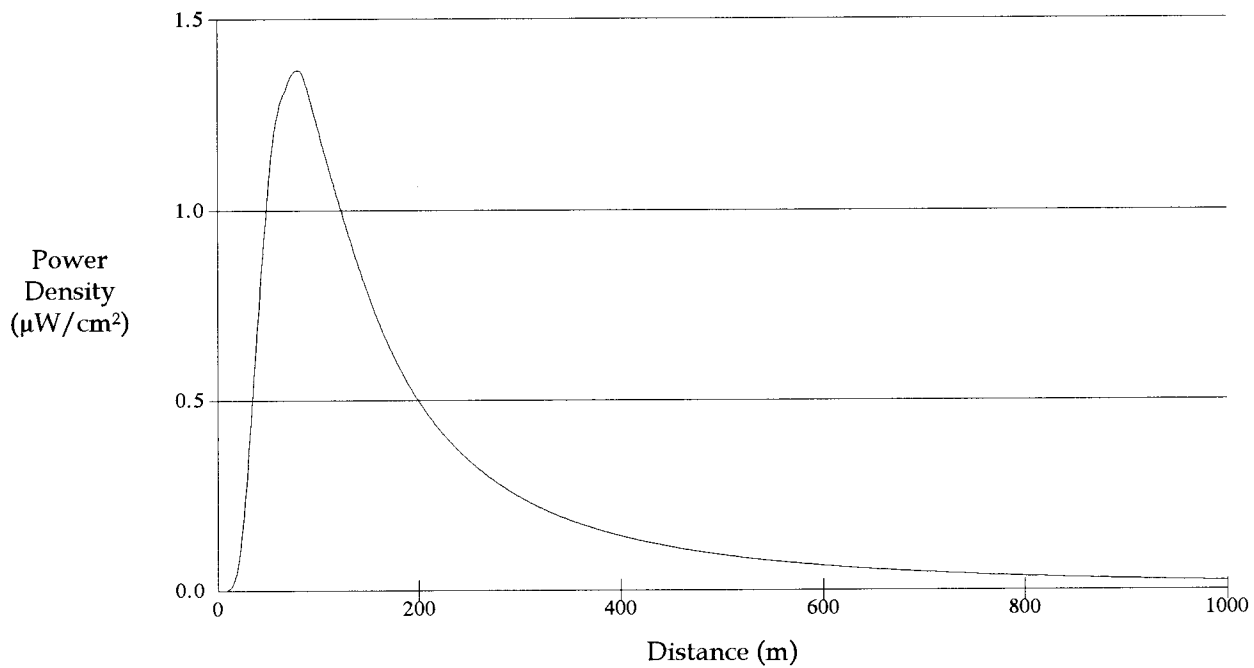


Power Density vs Distance



Ground-Level NIER Analysis

OET FMModel

**KTHX-FM Dayton, Nevada (Former Main as Auxiliary)**

Antenna Type: ERI "rototiller"  
Number of Elements: 2  
Element Spacing: 0.5 wavelength

Distance: 1000 meters  
Horizontal ERP: 350 W  
Vertical ERP: 350 W

Antenna Height: 41 meters AGL

Maximum Power Density is 1.4  $\mu\text{W}/\text{cm}^2$  at 80 meters from the antenna structure.

Hatfield & Dawson Consulting Engineers