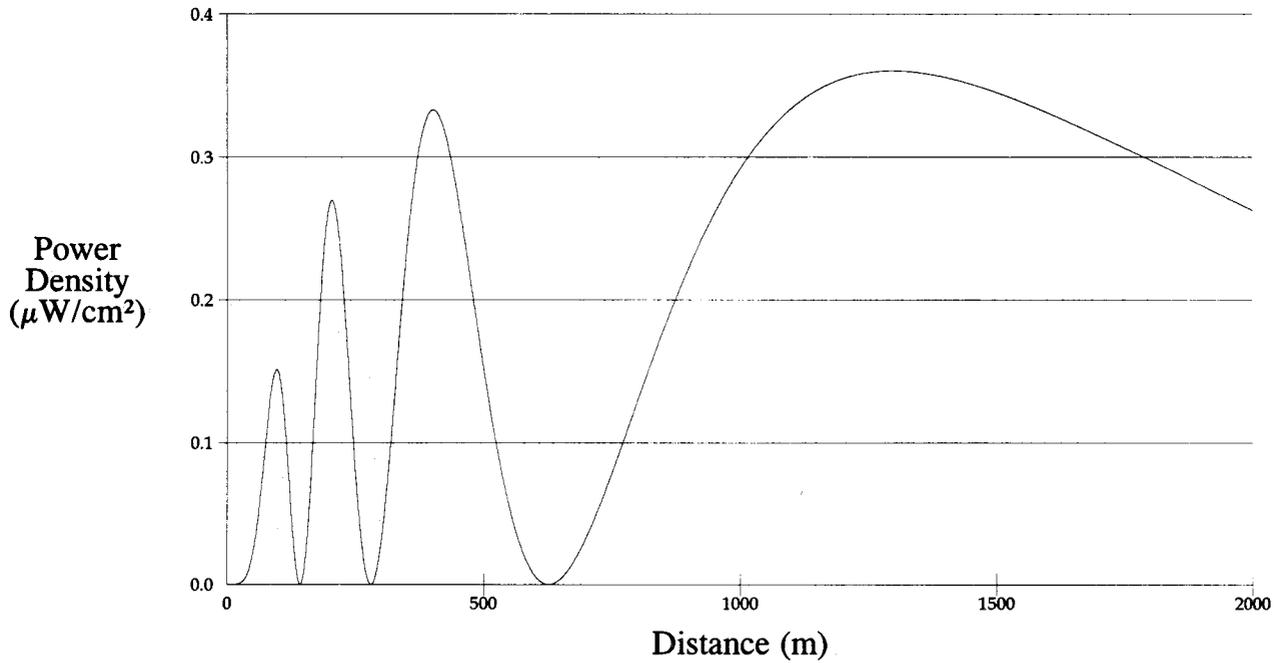


Power Density vs Distance



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