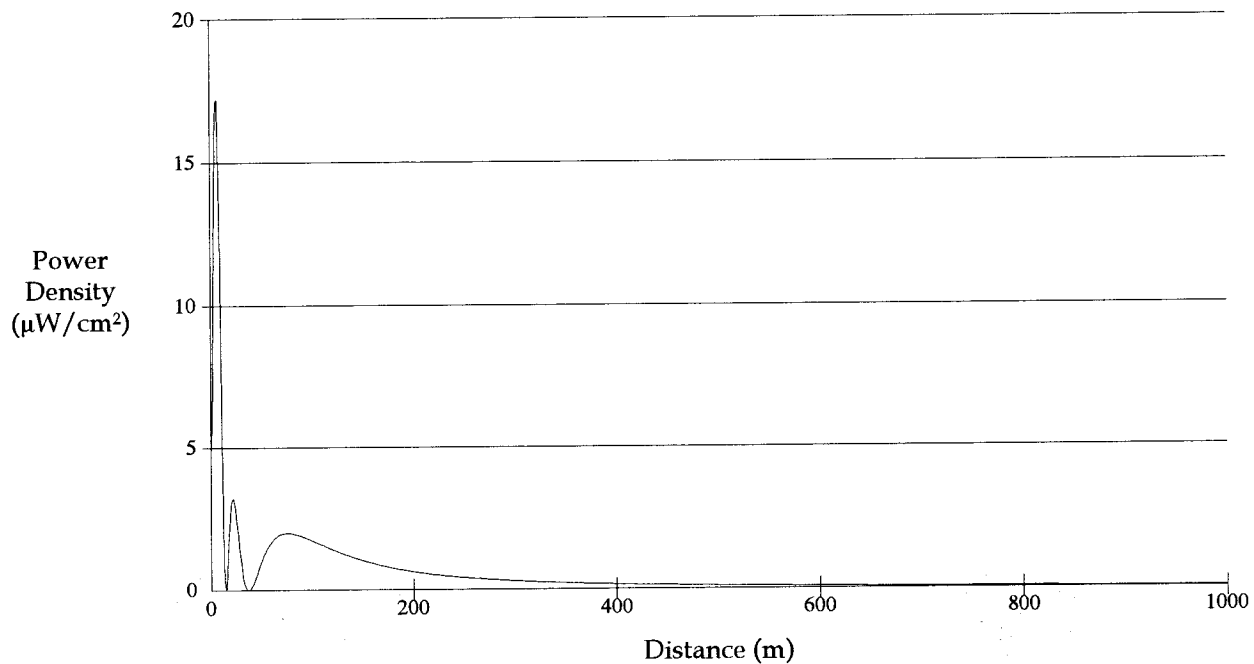


Power Density vs Distance



Ground-Level NIER Analysis

OET FMModel

KWSZ-FM Lompoc

Antenna Type: ERI "rototiller"
Number of Elements: 3
Element Spacing: 1.0 wavelength

Distance: 1000 meters
Horizontal ERP: 420 Watts
Vertical ERP: 420 Watts

Antenna Height: 15 meters AGL

Maximum Power Density is 17.2 $\mu\text{W}/\text{cm}^2$ at 7 meters from the antenna structure.

Hatfield & Dawson Consulting Engineers