



Ground-Level RF Exposure

OET FMModel

KOAY 204C1 Middleton

Antenna Type: ERI MPX-8C-HW

No. of Elements: 8

Element Spacing: 0.5 wavelength

Distance: 1000 meters

Horizontal ERP: 6 kW

Vertical ERP: 6 kW

Antenna Height: 28 meters AGL

Maximum Calculated Power Density is 3.8 $\mu\text{W}/\text{cm}^2$ at 208 meters from the antenna structure.
This is less than 5% of the FCC MPE for uncontrolled areas.

Hatfield & Dawson Consulting Engineers