



Ground-Level NIER Analysis

K26AY Corvallis

Antenna Type: Kathrein K723147 Panel Array
3 Levels

Distance: 1000 meters
Horizontal ERP: 13.8 kW (peak; 20% aural assumed)

Antenna Height: 24 meters AGL

Maximum Power Density is $62.6 \mu\text{W}/\text{cm}^2$ at 10 meters from the antenna structure.
This is 3.5% of $1810.8 \mu\text{W}/\text{cm}^2$, the FCC standard at the Channel 26 visual carrier frequency for controlled environments such as this one)

Hatfield & Dawson Consulting Engineers