

ERP calculation, WPRC, BPED-19980420MH

August 2005

Ant: ERI P300, single-bay, vertical polarization, power gain = 0.95

Transmission line: 35.1 meters Andrew HJ4-50A, efficiency = 81.4%

Power output: 0.194 kW

ERP = (power output * antenna gain * transmission line efficiency)

ERP = (0.194 kW * 0.95 * 0.814) = 0.15 kW
