

Auricle Communications:

TPO calculation:

Effective Radiated Power: 1.25 kW

Antenna gain: 0.45

Line Efficiency: 97% (67 ft 1/5/8" Cablewave System, FLC 158-50J)

$$\text{TPO} = 1.25 \text{ kW} / (0.45 * 0.97) = 2.864 \text{ kW}$$