

**CALCULATION OF TRANSMITTER POWER OUTPUT**

Calculation of Transmitter Power Output (TPO): The 2.0 kW (3.01 dBk) figure is based on consideration of total transmission system attenuation of 1.1 dB (77.6%). Given an antenna power gain of 0.9 (-0.47 dB), a TPO of 2.0 kW produces an ERP of 1.39 kW (1.44 dBk).