

CALCULATION OF TRANSMITTER POWER OUTPUT

Calculation of Transmitter Power Output (TPO): The 6.91 kW (8.39 dBk) figure is based on consideration of total transmission system attenuation of 1.52 dB (70.5%). Given an antenna power gain of 1.644 (2.16 dB), a TPO of 6.91 kW produces an ERP of 8 kW (9.03 dBk).