

CALCULATION OF TRANSMITTER POWER OUTPUT

Calculation of Transmitter Power Output (TPO): The 0.25 kW (-6.02 dBk) figure is based on consideration of total transmission system attenuation of 1.17 dB (76.4%). Given an antenna power gain of 1.31 (1.17 dB), a TPO of 0.25 kW produces an ERP of 0.25 kW (-6.02 dBk).