

CALCULATION OF TRANSMITTER POWER OUTPUT

Calculation of Transmitter Power Output (TPO): The 0.237 kW (-6.25 dBk) figure is based on consideration of total transmission system attenuation of 0.41 dB (91%). Given an antenna power gain of 1.16 (0.65 dB), a TPO of 0.237 kW produces an ERP of 0.25 kW (-6.0 dBk).