

## Transmitter Power Output Calculation

Transmitter Power Output

AUTHORIZED ERP: .235 KW

Nicom BKG77 ANTENNA GAIN: 0.47

556.5 FEET RFS Cablewave 7/8 INCH AIR COAX (LCF78-50JA) EFFICIENCY: 0.643

TPO: 777.6049 Watts

CONFIRMATION:  $777.6049 \times 0.47 \times 0.64 = 234.9999$  Watts

NOTE: TPO STATED AS .778kw DUE TO ROUNDING AND RESOLUTION OF THE FORM.