

## Transmitter Power Output Calculation

DESCRIPTION: TRANSMITTER POWER OUTPUT

AUTHORIZED ERP: 250 WATTS

Nicom BKG77-1 ANTENNA GAIN: .47

420 FEET RFS 7/8-INCH FOAM COAX (LCF78-50JA) EFFICIENCY: 0.704

TPO: 755.5609 WATTS

CONFIRMATION:  $755.5609 \times 0.47 \times .704 = 249.9999$  WATTS

NOTE: TRANSMITTER POWER OUTPUT FIGURE SHOWN AS .756KW DUE TO ROUNDING AND RESOLUTION OF THE FORM.