

Transmitter Power Output Calculation

DESCRIPTION: TRANSMITTER POWER OUTPUT

AUTHORIZED ERP: 250 WATTS

Scala CLFM-V ANTENNA GAIN: 5.00

740 FEET RFS CABLEWAVE 1/2-INCH FOAM COAX (LCF12-50) EFFICIENCY: 0.335

TPO: 149.2537 WATTS

CONFIRMATION: $149.2537 \times 5.00 \times .335 = 249.999$ WATTS

NOTE: TRANSMITTER POWER OUTPUT FIGURE SHOWN AS .149KW DUE TO ROUNDING AND RESOLUTION OF THE FORM.