

## Transmitter Power Output Calculation

Transmitter Power Output

AUTHORIZED ERP: 61 WATTS

SCALA CLFM-H ANTENNA GAIN: 5.0

78.5 FEET RFS 1/2-INCH FOAM COAX (LCF12-50) EFFICIENCY: 0.887

JUMPER EFFICIENCY: .955

TPO: 14.4023 WATTS

CONFIRMATION:  $14.4023 \times 5.0 \times .887 \times .955 = 60.9999$  WATTS

TRANSMITTER POWER OUTPUT SHOWN AS 14 WATTS RATHER THAN 14.4023 WATTS DUE TO ROUNDING AND RESOLUTION OF THE FORM.