

Transmitter Power Output Calculation

Transmitter Power Output

AUTHORIZED ERP: 10 WATTS

SCALA CLFM-RX/V ANTENNA GAIN: 4.467

80 FEET RFS 1/2-INCH FOAM COAX (LCF12-50) EFFICIENCY: 0.889

10 DB ATTENUATOR EFFICIENCY: 0.100

TPO: 25.18 WATTS

CONFIRMATION: $25.18 \times 0.100 \times 0.889 \times 4.467 = 9.999$ WATTS