

Educational Media Foundation
5700 West Oaks Boulevard
Rocklin, CA 95765

Rye, CO
KWRY Aux

Transmitter Power Output Calculation

DESCRIPTION: TRANSMITTER POWER OUTPUT

AUTHORIZED ERP: .99 KILOWATTS

1 BAY AAT-ANT-FM-BB-C-1-76 ANTENNA GAIN: 0.46

311 FEET RFS CABLEWAVE 7/8-INCH FOAM COAX (LCF78-50JA) EFFICIENCY: 0.771

TPO: 2,791.4058 WATTS

CONFIRMATION: $2,791.4058 \times .46 \times .771 = 989.9999$ WATTS

NOTE: TPO IS SHOWN AS 2.790 KILOWATTS DUE TO ROUNDING AND RESOLUTION OF THE FORM