

Educational Media Foundation
5700 West Oaks Boulevard
Rocklin, CA 95765

Gatesville, TX
KVLW

Transmitter Power Output Calculation

The purpose of this license modification application is to specify a change in the KVLW transmitter power output calculation only.

Transmitter Power Output

AUTHORIZED ERP: 16.5 KILOWATTS
ERI P300-3B-DA ANTENNA GAIN: 10.871
1082 FEET Andrew 1-5/8" Air COAX (HJ7-50A) EFFICIENCY: 0.618
TPO: 2,455.9864 WATTS

CONFIRMATION: $2,455.9865 \times 10.871 \times .618 = 16,499.999$ WATTS

NOTE: TRANSMITTER POWER OUTPUT FIGURE SHOWN AS 2.46KW DUE TO ROUNDING AND RESOLUTION OF THE FORM.