

**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.