

**Educational Media Foundation**  
5700 West Oaks Boulevard  
Rocklin, CA 95765

*Delhi Hills, OH*  
*WNL*

## **Application Purpose**

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

## **Transmitter Power Output Calculation**

AUTHORIZED ERP: 2.00 KILOWATTS

2 BAY ERI MPX-2AE ANTENNA GAIN: 0.997

475 FEET ANDREW 1-5/8-INCH AIR COAX (HJ7-50A) EFFICIENCY: 0.794

75' 1-5/8-INCH HARDLINE .967

TPO: 2612.6897 WATTS

CONFIRMATION:  $2612.6897 \times 0.997 \times 0.794 \times 0.967 = 1,999.9998$  WATTS

NOTE: TPO IS SHOWN AS 2.613 KILOWATTS DUE TO ROUNDING AND RESOLUTION OF THE FORM