

**Educational Media Foundation**  
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**K215AX, Pagosa Springs, CO**  
**September 2021**

**Transmitter Power Output**

AUTHORIZED ERP: 10 WATTS

NICOM BKG77 1 BAY ANTENNA GAIN: 0.470

111 FEET RFS CABLEWAVE ½ INCH FOAM COAX (LCF12-50) EFFICIENCY: 0.852

TPO: 25 WATTS

CONFIRMATION:  $25.0 \times 0.852 \times 0.470 = 10.0110$  WATTS

NOTE: TPO IS SHOWN AS 0.025 KW DUE TO ROUNDING AND RESOLUTION OF THE FORM