

## **EXHIBIT #7**

### **TRANSMITTER POWER OUTPUT**

**The University of Wyoming**  
License to Cover Construction Permit  
KUWL  
BMPED-20080128ADD  
Laramie, Wyoming

February 2008

CH 211A

0.11 kW H + V

Transmission line efficiency = 93.4% - 14 meters of Andrew LDF4-50A (1/2 inch) line.

Power Gain of Antenna = 0.49 – Shively 6812, 1 bay

ERP = 0.11 kW H & V

TPO = ERP/(efficiency\*gain)

TPO = 0.11/(0.934\*0.49)

TPO = 0.240 kW