

EXHIBIT #7

TRANSMITTER POWER OUTPUT

Wichita State University
License to Cover Construction Permit
KMUW
BPED-20070110ABX
Wichita, Kansas

May 2008

CH 206C1

100 kW H + V DA

Transmission line efficiency = 79.0% - 294.7 meters (967') of Andrew 4" HJ11-50 air line.

Power Gain of Antenna = 7.992 – Shively 6810-8-DA, 8 bay full wave

ERP = 100 kW H & V

TPO = ERP/(efficiency*gain)

TPO = 100/(0.79*7.992)

TPO = 15.84 kW