

**EXHIBIT #7**

**VSS Catholic Communications  
Auxiliary Antenna Application**

**KVSS  
Omaha, Nebraska**

May 2007

CH 205

0.5 kW H & V

Transmission line efficiency = 95.5% - 31 meters of Andrew 1 5/8" HJ7-50A Air line

Power Gain of Antenna = 0.85 – Shively 6832, 2 bay, full wave

ERP = 0.5 kW H & V

$TPO = ERP / (\text{efficiency} * \text{gain})$

$TPO = 0.5 / (0.955 * 0.85)$

TPO = 0.591 kW