

**WILKS LICENSE COMPANY - DENVER LLC**  
**KIMN(FM) - 262C0 - DENVER, CO**  
**Application for License to Cover BPH-20150428AAL**

**Exhibit 7 - Calculation of TPO**

Antenna Input to achieve Authorized ERP (kW)		13.31
6-1/8" Transmission Line		
Loss per 100' (dB)	0.049	
Length in System (ft)	150	
Loss (dB)		0.074
Combiner System		
Measured Loss (dB)		0.210
3-1/8" Transmission Line		
Loss per 100' (dB)	0.097	
Length in System (ft)	40	
Loss (dB)		0.039
Total System Loss (dB)		0.322
Total System Efficiency (%)		0.928
Required TPO (kW)		14.34