

Exhibit 7 - TPO Calculations

Value	Description	dB gain (loss)	How determined
20.276 kW TPO			
98.86%	Antenna/Dummy Load Switch Efficiency	(0.050)	Manufacturer Specifications
20.044 kW at Switch Output			
84.56%	Rigid Feedline Loss	(0.728)	847 ft @ .086 dB/100 ft
16.949 kW to Antenna Input			
590.20%	Antenna Gain	7.710	PSIFHR-8C-DA specifications

100.032 kW ERP