

Exhibit 7 - TPO Calculations

Value	Description	dB gain (loss)	How determined
3.45 98.86%	kW TPO Antenna/Dummy Load Switch Efficiency	(0.050)	Manufacturer Specifications
3.411 84.56%	kW at Switch Output Rigid Feedline Loss	(0.728)	847 ft @ .086 dB/100 ft
2.884 590.20%	kW to Antenna Input Antenna Gain	7.710	PSIFHR-8C-DA specifications

17.021 kW ERP