

TPO CALCULATION

	Loss (db)
Typical End Connector	0.025
5 ft LMR400 jumper	0.077
Typical End Connector	0.025
Delta Meccanica 20001-L-S2 Starpoint Combiner insertion loss	0.55
Typical End Connector	0.025
500 ft feedline	4.9
Typical End Connector	0.025
	5.627 (total losses)

Antenna Gain 1.85 dbd

ERP 33 watts = 15.185 dBW

15.185 + 5.627 - 1.85 = 18.962 dBW

18.962 dBW = 78.7 w TPO