

TPO Calculation	WJAQ
ERP(kW):	6.0
ERP(dBk):	7.78
Antenna:	ERI LP-4C
Ant. gain (pwr):	2.13
Ant. gain (dB):	3.29
Transmission line length (ft)	339
Transmission line:	HJ7-50A
Transmission line type:	1 5/8"
Trans. line loss (dB/100'):	0.21
TOTAL Trans. line loss (dB):	0.712
Additional loss dB	0
Required TPO (dBk):	5.20
Required TPO (kW):	3.314