

## WGLT AUX TPO Calculations

Transmitter Output:	2.2966 KW
Transmission Line:	Andrew HJ5-50, 7/8 Inch
Length Of Line:	50 Feet
Loss in dB/100 Ft. At 89.1 mHz:	.348 dB
Line Efficiency At 89.1 mHz:	96.07%
Max. Average Power Rating of Line:	6.80 KW
Power Dissipated In Line:	90.284 Watts
Power At Input To Antenna:	2.2064 KW
Antenna Make/Model:	ERI LP/LPX/G5CPM/BEMP/FML
Number of Bays:	Two
Polarization:	Circular
Max. Antenna Input Power Rating:	12 KW
Antenna Power Gain:	.9971
System E. R. P.:	2.2 KW

Do You Want To Do Another Calculation? (Y/N)