

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/PML
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)