

CALCULATION NUMBER 2

Transmitter Output: 555.33 Watts
Arrestor -.1 dB -12.641 Watts
Transmission Line: Andrew LDF5-50A, 7/8 Inch
Length Of Line: 599 Feet
Loss in dB/100 Ft. At 91.7 mHz: .353 dB
Line Efficiency At 91.7 mHz: 61.42%
Max. Average Power Rating of Line: 5.62 KW
Power Dissipated In Line: 209.36 Watts
Power At Input To Antenna: 333.33 Watts
Antenna Make/Model: ERI 100A-2 .74
Number of Bays: Two
Max. Antenna Input Power Rating: 1 KW
Antenna Power Gain: .75

System E. R. P.: 250 Watts