

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