

C:\C:\DOCUME~1\CCRNEW~1\Desktop\FMERP~1.EXE

CALCULATION NUMBER 1

Transmitter Output:

154.78 Watts

Transmission Line:

Length Of Line:

Andrew LDF4-50A, 1/2 Inch

Loss in dB/100 Ft. At 97.5 MHz:

75 Feet

Line Efficiency At 97.5 MHz:

-.671 dB

Max. Average Power Rating of Line:

89.06%

Power Dissipated In Line:

1.92 KW

Power At Input To Antenna:

16.928 Watts

137.86 Watts

Antenna Make/Model:

Telecom TFC1K

Number of Bays:

One

Max. Antenna Input Power Rating:

.8 KW

Antenna Power Gain:

.457

System E. R. P.:

63 Watts

Do You Want To Do Another Calculation? <Y/N>

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C:\DOCUME~1\CCRNEW~1\Desktop\FMERP~1.EXE

CALCULATION NUMBER 1

Transmitter Output:

148.91 Watts

Transmission Line:

Andrew LDF4-50A, 1/2 Inch

75 Feet

.671 dB

89.06%

1.92 KW

16.286 Watts

132.63 Watts

Antenna Make/Model:

Jampro JLCP

Number of Bays:

One

Polarization:

Circular

Max. Antenna Input Power Rating:

5 KW

Antenna Power Gain:

.475

System E. R. P.:

63 Watts

Do You Want To Do Another Calculation? <Y/N>