

TPO Calculations
W276CZ, Saginaw, MI FAC# 140015
2/13/2019

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DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: RFS

CALCULATION NUMBER 3

Transmitter Output: 159.03 Watts
Connectors, jumpers -.3 dB -10.615 Watts
Transmission Line: Andrew LDF4-50A, 1/2 Inch
Length Of Line: 94.5 Meters
Loss in dB/100 M. At 103.1 MHz: 2.270 dB
Line Efficiency At 103.1 MHz: 61.03%
Max. Average Power Rating of Line: 1.86 KW
Power Dissipated In Line: 57.844 Watts
Power At Input To Antenna: 90.58 Watts
Antenna Make/Model: Gates FMC
Number of Bays: Six
Max. Antenna Input Power Rating: 2 KW
Antenna Power Gain: 2.76

System E. R. P.: 250 Watts

Print This Calculation? (Y/N)
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