

PM-9900

Emission Designator and Necessary Bandwidth Calculation  
Frequency Designator: F1D

Necessary Bandwidth =  $2M + 2DK = 2*600 + 2*3100*1.2 = 8.64$  K

Where

M = Maximum modulation frequency =  $B/2 = 1200/2 = 600$  bps

D = Peak frequency deviation = 3.1 K from the bandwidth plot

K = 1.2

Emission Designator = 8K64F1D