9.1 SAMPLE CALCULATIONS

Occupied Bandwidth

The audio signal generator is adjusted to 1kHz. The output level is increased until deviation limiting takes place. With the level constant, the freq. is set to 2,500Hz. Then the audio signal level is increased by 16dB.

The limits are specified in Section 2.1049.

Bandwidth Calculations (2M + 2D):

>2(3.0) + 2 (5.0)
>6 + 10.0 = 16.0 kHz

>**Emission Designator = 16K0F3E**

>M = maximum modulation frequency
>D = maximum deviation from modulating limiting plot

Bandwidth Calculations (2M + 2D):

>2(3.0) + 2 (2.5)
>6 + 5.0 = 11.0 kHz

>**Emission Designator = 11K0F3E**

>M = maximum modulation frequency
>D = maximum deviation from modulating limiting plot