

FIGURE 1 - ATTENUATION, dB vs.  $\alpha$

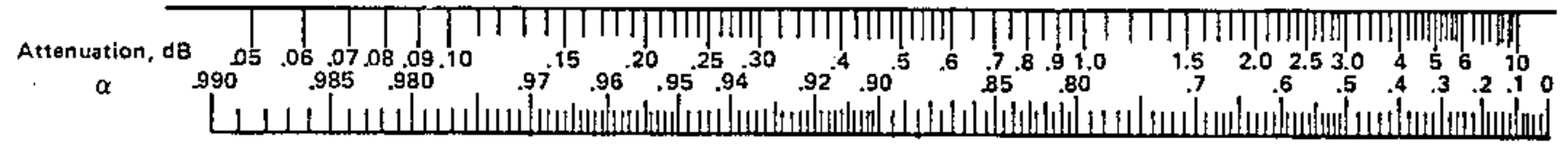


FIGURE 2

System Noise =  $10 \log_{10} (KT_{sys} B) + 30$  ( $K = 1.38 \times 10^{-23}$ )

FIGURE 3 - NOISE FIGURE VS TEMPERATURE

