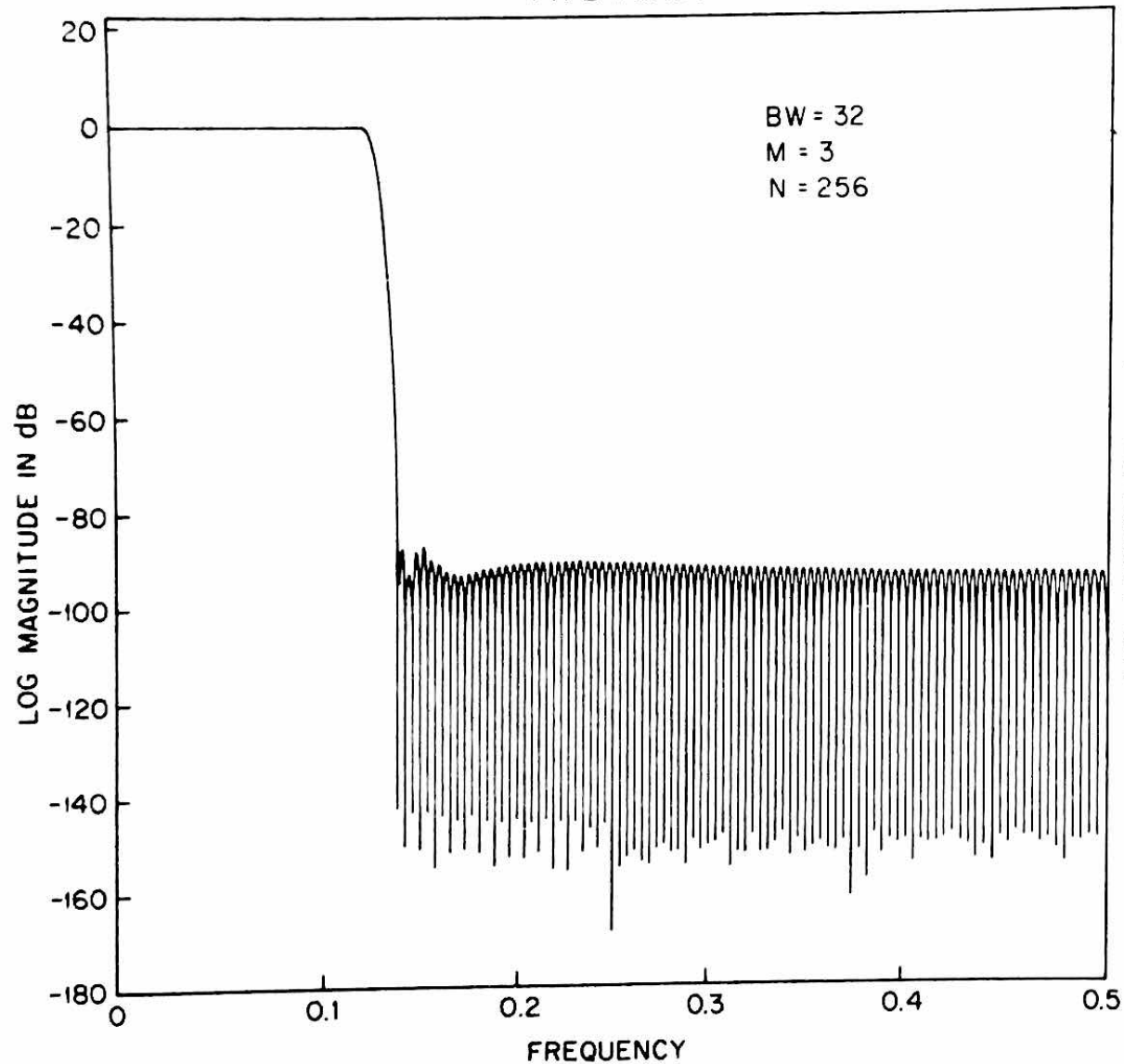


LOWPASS FILTER DESIGN
TYPE I DATA



EXPANDED FREQUENCY RESPONSE

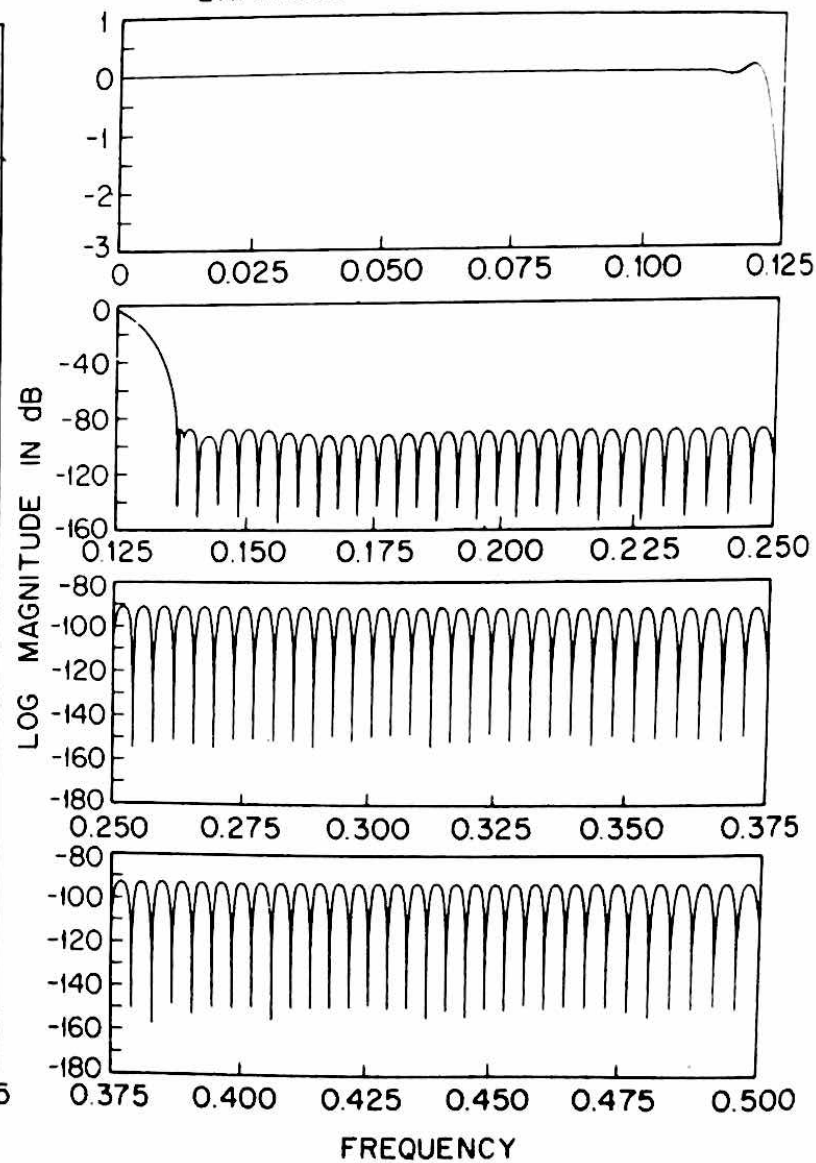


Fig. 3.31 Frequency response of a frequency sampling lowpass filter.

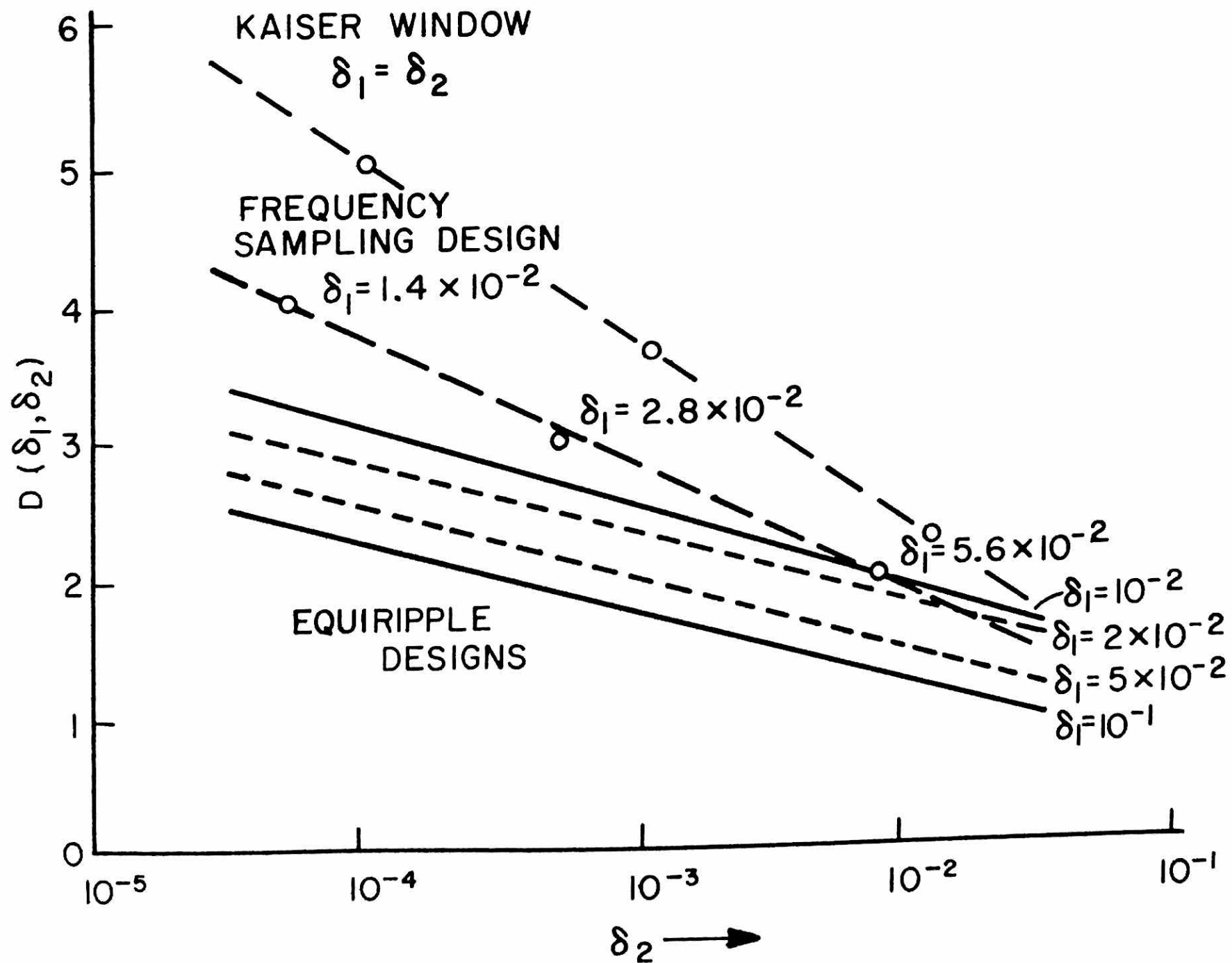


Fig. 3.86 Comparisons among window, frequency sampling, and optimal (minimax error) lowpass filters.