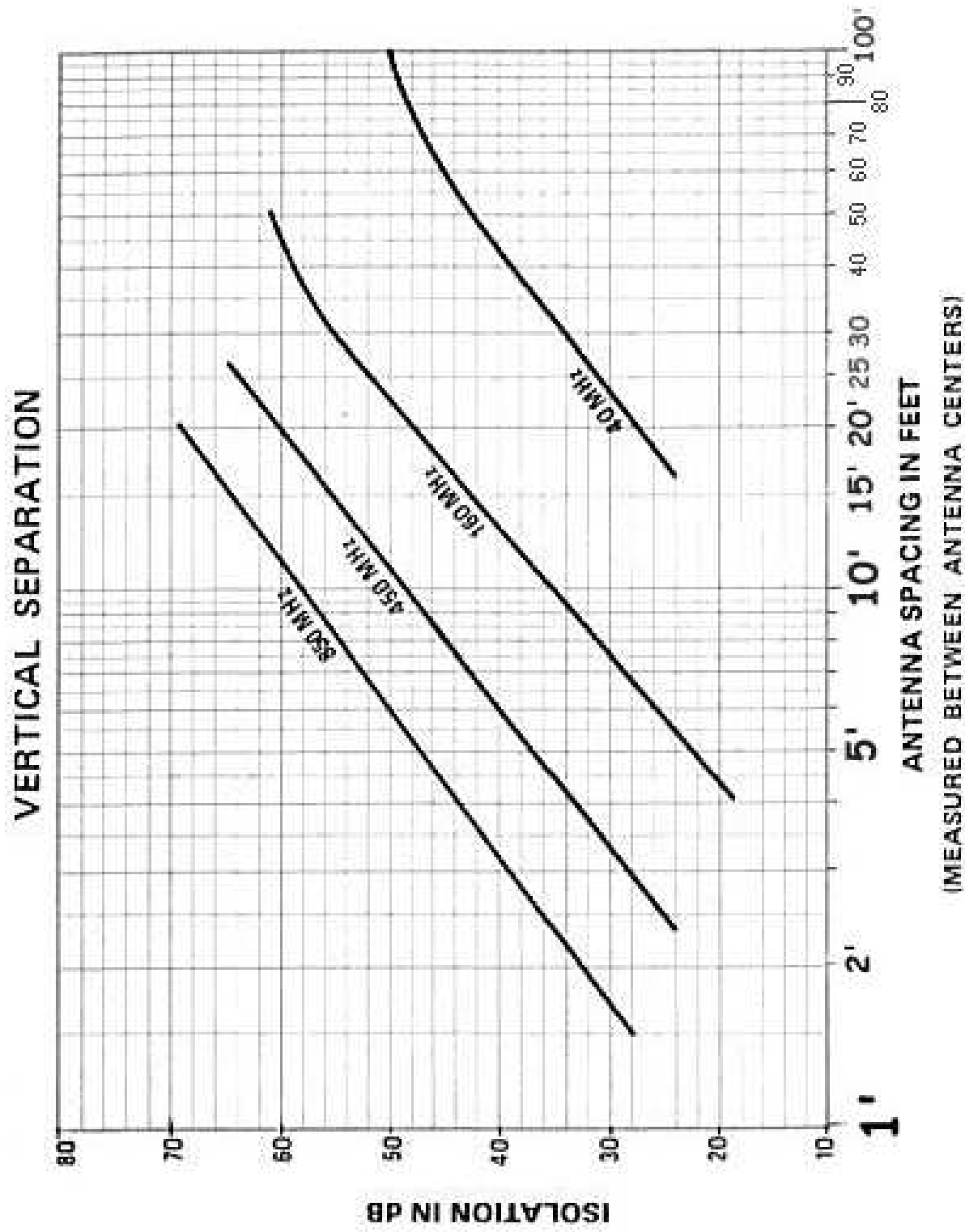


ISOLATION VS. ANTENNA SEPARATION



Above curves are based on the use of half-wave dipole antennas. The curves will also provide acceptable results for gain type antennas if (1) the spacing is measured between the physical centers of the antennas and if (2) one antenna is mounted directly above the other (collinear), with no horizontal offset. No correction factor is required for the antenna gains. Note: The values indicated by the curves are approximate values because of coupling which exists between the antenna and tower. Increasing the antenna spacing beyond that shown by these curves may not always provide additional isolation because of antenna-tower coupling.