

ELECTRONICS RESEARCH, INC.
7777 GARDNER ROAD
CHANDLER, IN. 47610

FIGURE 1

----THEORETICAL----
VERTICAL PLANE RELATIVE FIELD

10 ERI TYPE SHP, SHPX, LP, OR LPX ELEMENTS
-.5 DEGREE(S) ELECTRICAL BEAM TILT
10 PERCENT FIRST NULL FILL
5 PERCENT SECOND NULL FILL

8-21-2003

ELEMENT SPACING:
1 WAVELENGTH

POWER GAIN IS 5.268 IN THE HORIZONTAL PLANE(5.394 IN THE MAX.)

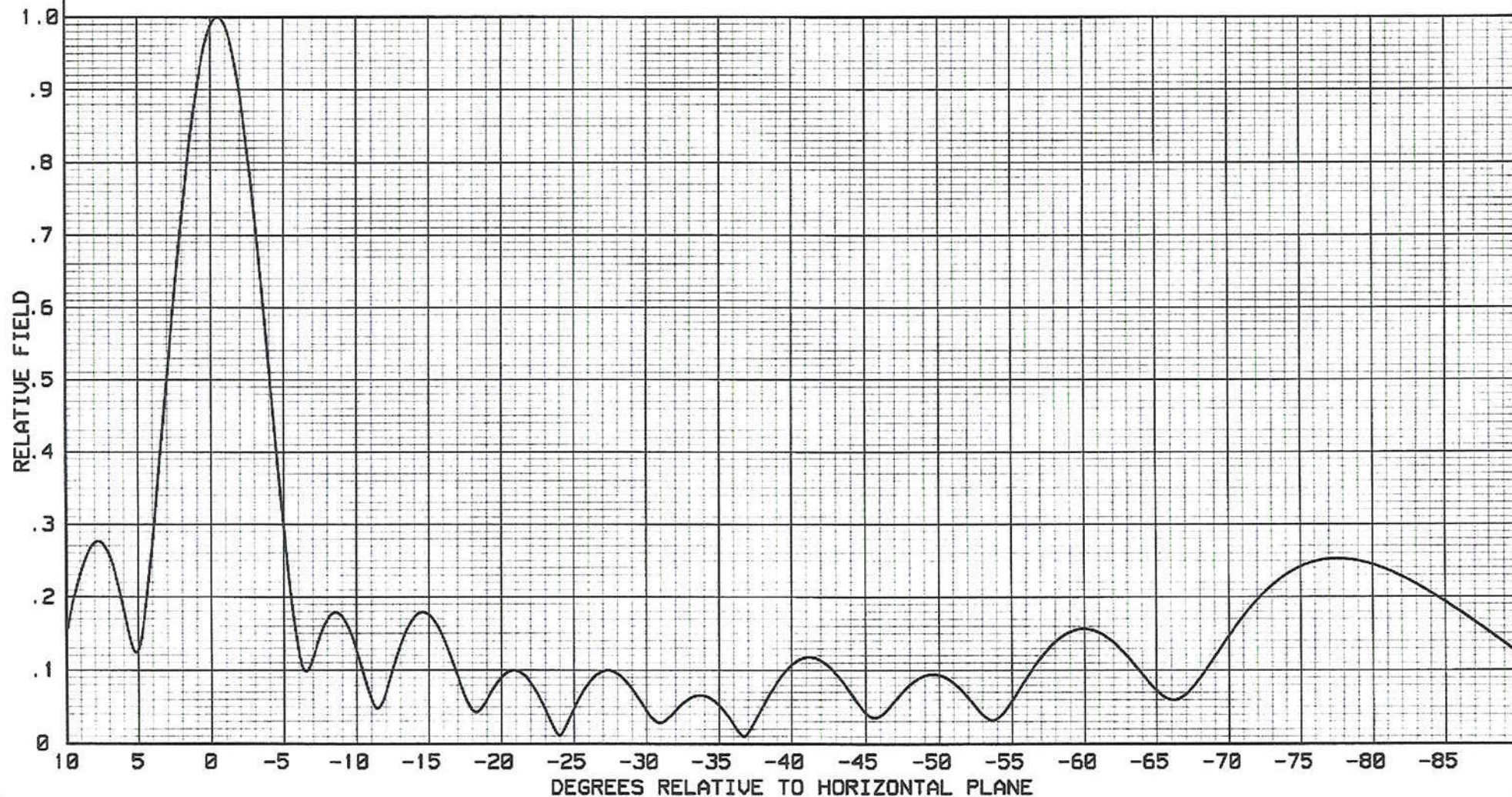


EXHIBIT B