

ELECTRONICS RESEARCH, INC.
108 MARKET STREET
NEWBURGH, IN. 47630

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

MAY 24, 1993
ELEMENT SPACING:
0.5 WAVELENGTH

8 ERI TYPE SHP, SHPX, LP, OR LPX ELEMENTS
0 DEGREE(S) BEAM TILT
0 PERCENT FIRST NULL FILL
0 PERCENT SECOND NULL FILL

FIGURE 48

POWER GAIN IS 2.519 IN THE HORIZONTAL PLANE(2.519 IN THE MAX.)

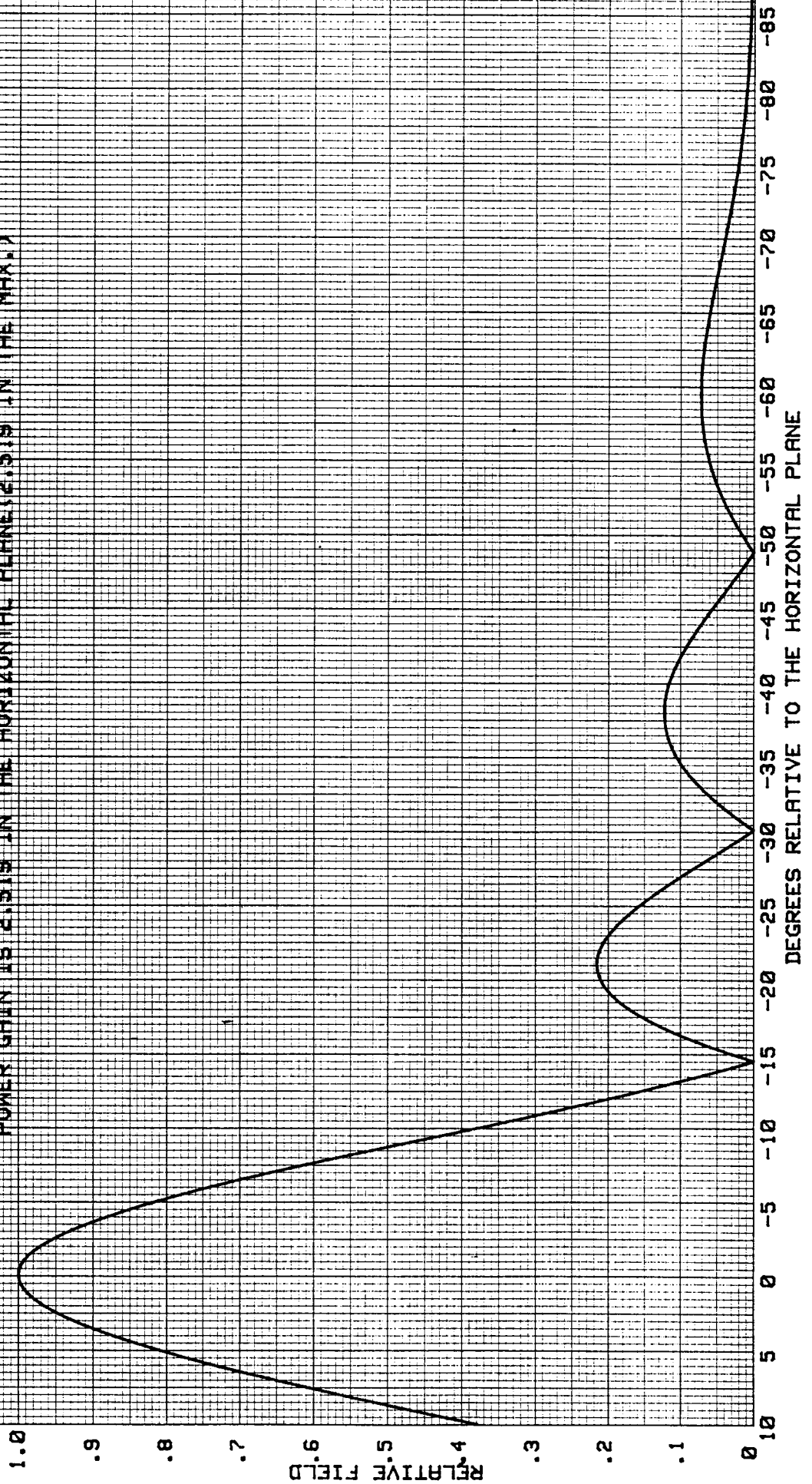


Figure 7