

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
0 PERCENT SECOND NULL FILL

JANUARY 16, 2008

ELEMENT SPACING:
1.0 WAVELENGTH

POWER GAIN IS 5.311 IN THE HORIZONTAL PLANE(5.438 IN THE MAX.)

