

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  
-.4 DEGREE(S) ELECTRICAL BEAM TILT  
0 PERCENT FIRST NULL FILL  
0 PERCENT SECOND NULL FILL

NOVEMBER 19, 2001

ELEMENT SPACING:  
1.0 WAVELENGTH

POWER GAIN IS 5.552 IN THE HORIZONTAL PLANE(5.640 IN THE MAX.)

