

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

FIGURE 1

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

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

MARCH 3, 2006

ELEMENT SPACING:  
1.0 WAVELENGTH

POWER GAIN IS 3.260 IN THE HORIZONTAL PLANE(3.289 IN THE MAX.)

