

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

FIGURE 1

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

4 ERI TYPE SHP, SHPX, LP, OR LPX ELEMENTS  
-2 DEGREE(S) ELECTRICAL BEAM TILT  
0 PERCENT FIRST NULL FILL  
0 PERCENT SECOND NULL FILL

FEBRUARY 9, 2015

ELEMENT SPACING:  
1.0 WAVELENGTH

POWER GAIN IS 1.951 IN THE HORIZONTAL PLANE(2.076 IN THE MAX.)

