

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

FIGURE 2.1

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

6 ERI TYPE SHP, SHPX, LP, OR LPX ELEMENTS  
-1.25 DEGREE(S) ELECTRICAL BEAM TILT  
4 PERCENT FIRST NULL FILL  
0 PERCENT SECOND NULL FILL

POWER GAIN IS 2.936 IN THE HORIZONTAL PLANE(3.061 IN THE MAX.)

MARCH 26, 2002

105.9 MHz

ELEMENT SPACING  
96.8125 INCHES

