

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

