

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

FIGURE 1

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

8 ERI TYPE SHP, SHPX, LP, OR LPX ELEMENTS  
-.627 DEGREE(S) ELECTRICAL BEAM TILT  
18 PERCENT FIRST NULL FILL  
2 PERCENT SECOND NULL FILL

POWER GAIN IS 4.089 IN THE HORIZONTAL PLANE(4.187 IN THE MAX.)

AUGUST 19, 2003

92.3 MHz.

ELEMENT SPACING  
123.125 INCHES

