

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

FIGURE 2

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

12 ERI TYPE SHP, SHPX, LP, OR LPX ELEMENTS  
-.5 DEGREE(S) ELECTRICAL BEAM TILT  
10 PERCENT FIRST NULL FILL  
0 PERCENT SECOND NULL FILL  
POWER GAIN IS 6.325 IN THE HORIZONTAL PLANE(6.546 IN THE MAX.)

OCTOBER 26, 2000

101.5 MHz

ELEMENT SPACING  
115.862 INCHES

