

ELECTRONICS RESEARCH, INC.  
108 MARKET STREET  
NEWBURGH, IN. 47630

THEORETICAL  
VERTICAL PLANE RELATIVE FIELD

7/26/88

ELEMENT SPACING:  
1 WAVELENGTH

6 ROTOTILLER ELEMENTS WITH -1 DEGREE(S) BEAM TILT  
0 PERCENT FIRST NULL FILL  
2 PERCENT SECOND NULL FILL

FIGURE 1

POWER GAIN IS 3.137 IN THE HORIZONTAL PLANE (3.252 IN THE MAX.)

