

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

FIGURE 1

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

3 ERI SERIES 100A ANTENNA ELEMENTS  
0 DEGREE(S) ELECTRICAL BEAM TILT  
0 PERCENT FIRST NULL FILL  
0 PERCENT SECOND NULL FILL

NOVEMBER 30, 2015  
ELEMENT SPACING:  
1.0 WAVELENGTH

POWER GAIN IS 1.403 IN THE HORIZONTAL PLANE(1.403 IN THE MAX.)

