

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

FIGURE 1

-----THEORETICAL-----  
VERTICAL PLANE RELATIVE FIELD  
  
ERI 12 LEVEL OMNI-DIRECTIONAL MASTER ANTENNA  
-.75 DEGREE(S) BEAM TILT  
10 PERCENT FIRST NULL FILL  
5 PERCENT SECOND NULL FILL  
  
POWER GAIN IS 5.495 IN THE HORIZONTAL PLANE(5.861 IN THE MAX.)  
[ POWER GAINS AT 95% ANTENNA EFFICIENCY ]

AUGUST 16, 2006  
92.5 MHz.  
BAY SPACING:  
114.00 INCHES

