

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

FIGURE 2V

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

ERI MODEL COG-1083-10CP ANTENNA  
-.75 DEGREE(S) BEAM TILT  
10 PERCENT FIRST NULL FILL  
5 PERCENT SECOND NULL FILL

POWER GAIN IS 4.019 IN THE HORIZONTAL PLANE(4.142 IN THE MAX.)  
[ POWER GAINS AT 95% ANTENNA EFFICIENCY ]

FEBRUARY 7, 2005

92.9 MHz.

BAY SPACING:  
92.00 INCHES

