

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

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

OCTOBER 9, 2002  
99.7 MHz.

ERI MODEL C06-1083-10CP ANTENNA  
-.76 DEGREE(S) BEAM TILT  
10 PERCENT FIRST NULL FILL  
5 PERCENT SECOND NULL FILL

FIGURE 4

BAY SPACING:  
92.00 INCHES  
(.7771 WAVELENGTH)

POWER GAIN IS 4.261 IN THE HORIZONTAL PLANE(4.412 IN THE MAX.)  
[ POWER GAINS AT 95% ANTENNA EFFICIENCY ]

