

ELECTRONICS RESEARCH, INC.  
7777 GARDNER ROAD  
CHANDLER, IN. 47618

FIGURE 1

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

ERI MODEL 1183-8CP BROADCAST ANTENNA  
-.75 DEGREE(S) BEAM TILT  
18 PERCENT FIRST NULL FILL  
5 PERCENT SECOND NULL FILL  
POWER GAIN IS 3.387 IN THE HORIZONTAL PLANE(3.462 IN THE MAX.)  
[ POWER GAINS AT 95% ANTENNA EFFICIENCY ]

FEBRUARY 15, 2006

181.9 MHz.

BAY SPACING:  
92.00 INCHES

