

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

FIGURE 1

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

FEBRUARY 23, 2009

ERI TYPE MPX-4C-SP BROADCAST ANTENNA  
[ 2 EACH 2 BAY CENTER FED ARRAYS COMBINED ]  
0 DEGREE(S) ELECTRICAL BEAM TILT  
0 PERCENT FIRST NULL FILL  
0 PERCENT SECOND NULL FILL

ELEMENT SPACING:  
0.9 WAVELENGTH

POWER GAIN IS 2.118 IN THE HORIZONTAL PLANE(2.118 IN THE MAX.)

