

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

FIGURE 4

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

ERI 12 LEVEL OMNI-DIRECTIONAL MASTER ANTENNA
-0.75 DEGREE(S) BEAM TILT
11 PERCENT FIRST NULL FILL
5 PERCENT SECOND NULL FILL

POWER GAIN IS 5.319 IN THE HORIZONTAL PLANE(5.803 IN THE MAX.)
[POWER GAINS AT 95% ANTENNA EFFICIENCY]

AUGUST 16, 2006
107.7 MHz.

BAY SPACING:
114.00 INCHES

