

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

FIGURE 3

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

8 LEVELS OF TYPE 1080 ELEMENTS
-1.31 DEGREE(S) BEAM TILT
10 PERCENT FIRST NULL FILL
8 PERCENT SECOND NULL FILL

POWER GAIN IS 3.056 IN THE HORIZONTAL PLANE(3.243 IN THE MAX.)
[POWER GAINS AT 95% ANTENNA EFFICIENCY]

JUNE 29, 2006

96.5 MHz.

BAY SPACING:
92.00 INCHES

