

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

FIGURE 2

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

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

POWER GAIN IS 4.149 IN THE HORIZONTAL PLANE(4.286 IN THE MAX.)
[POWER GAINS AT 95% ANTENNA EFFICIENCY]

OCTOBER 9, 2002

96.5 MHz.

BAY SPACING:
92.00 INCHES
(.7522 WAVELENGTH)

