

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

FIGURE 1

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

4 ERI PANEL ELEMENTS
-0.75 DEGREE(S) ELECTRICAL BEAM TILT
15.0 PERCENT FIRST NULL FILL
10.0 PERCENT SECOND NULL FILL

OCTOBER 17, 2008

102.5 MHz.

ELEMENT SPACING:
92 INCHES

POWER GAIN IS 1.800 IN THE HORIZONTAL PLANE(1.809 IN THE MAX.)

