

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

FIGURE 2

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

12 ERI TYPE SHP ROTOTILLER(TM) CENTER FED ELEMENTS
-.64 DEGREE(S) ELECTRICAL BEAM TILT
16 PERCENT FIRST NULL FILL
3 PERCENT SECOND NULL FILL
POWER GAIN IS 5.913 IN THE HORIZONTAL PLANE(6.291 IN THE MAX.)

SEPTEMBER 4, 2012

99.9 MHz.

ELEMENT SPACING:
120 INCHES

