

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

FIGURE 3

---THEORETICAL---
VERTICAL PLANE RELATIVE FIELD

MAY 2, 2012

104.5 MHz.

ELEMENT SPACING:
119.625 INCHES

10 ERI TYPE SMPX ROTOTILLER(TM) ELEMENTS
[2 EACH 5 BAY ARRAYS COMBINED]
-.50 DEGREE(S) ELECTRICAL BEAM TILT
13 PERCENT FIRST NULL FILL
12 PERCENT SECOND NULL FILL
POWER GAIN IS 4.606 IN THE HORIZONTAL PLANE(4.735 IN THE MAX,)

