

ELECTRONICS RESEARCH, INC.
108 MARKET STREET
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----THEORETICAL----
VERTICAL PLANE RELATIVE FIELD

11-23-88

FIGURE 1

8 ROTOTILLER ELEMENTS WITH $\sim .75$ DEGREE(S) BEAM TILT
0 PERCENT FIRST NULL FILL
0 PERCENT SECOND NULL FILL

ELEMENT SPACING:
1 WAVELENGTH

POWER GAIN IS 4.262 IN THE HORIZONTAL PLANE(4.416 IN THE MAX.)

