

**Figure 1**  
**Antenna Vertical Plane Pattern**  
**KZMP-FM Pilot Point, TX**  
**Facility ID 15854**  
**Ch. 285C0 35 kW 535 m**

prepared for  
**Liberman Broadcasting of**  
**Dallas License LLC**  
**Debtor-In-Possession**

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

**FIGURE 1**

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

6 ERI TYPE SHP, SHPX, LP, OR LPX ELEMENTS  
 -.7 DEGREE(S) ELECTRICAL BEAM TILT  
 0 PERCENT FIRST NULL FILL  
 0 PERCENT SECOND NULL FILL

POWER GAIN IS 3.220 IN THE HORIZONTAL PLANE(3.276 IN THE MAX.)

