

CITADEL LICENSE INC.
City Center West
7201 W. Lake Mead Blvd.
Las Vegas, NV 89125

Station License Application
Station KTZO (FM)
103.3 Mhz. Channel 277
Albuquerque, NM

Exhibit No. 10
Vertical Plane Pattern

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

FIGURE 1

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

4 ERI TYPE SHP, SHPX, LP, OR LPX ELEMENTS
-1.04 DEGREE(S) ELECTRICAL BEAM TILT
9 PERCENT FIRST NULL FILL
0 PERCENT SECOND NULL FILL

POWER GAIN IS 2.013 IN THE HORIZONTAL PLANE(2.042 IN THE MAX.)

3-5-2002
103.3 MHz
ELEMENT SPACING
114 INCHES

