

08-05-2003

Project: KZXV
 SOURCE COORDINATES: 35-12-53 North 96-44-26 West
 Antenna Center Above Sea Level: 407.0 METERS
 Educational Channel 206 within KOTV Channel 6 Contour
 6 dB adjustment is used at appropriate azimuths

| AZM Deg | HAAT Mtrs | ERP (kW) | dBu (km) | FM (dBu) | TV (dBu) | Ratio (dBu) |
|------------|--------------|-------------|-------------|-------------|-------------|----------------|
| 0 | 110 | 2.3000 | 8.1 | 78.6 | 47.0 | 22.5 |
| 5 | 112 | 2.3000 | 7.3 | 80.5 | 47.0 | 22.5 |
| 10 | 116 | 2.3000 | 6.8 | 82.2 | 47.0 | 22.5 |
| 15 | 119 | 2.3000 | 6.4 | 83.6 | 47.0 | 22.5 |
| 20 | 117 | 2.3000 | 6.0 | 84.4 | 47.0 | 22.5 |
| 25 | 117 | 2.3000 | 5.8 | 84.9 | 47.0 | 22.5 |
| 30 | 116 | 2.3000 | 5.7 | 85.3 | 47.0 | 22.5 |
| 35 | 117 | 2.3000 | 5.5 | 85.8 | 47.0 | 22.5 |
| 40 | 118 | 2.3000 | 5.4 | 86.3 | 47.0 | 22.5 |
| 45 | 125 | 2.3000 | 5.4 | 86.9 | 47.0 | 22.5 |
| 50 | 126 | 2.3000 | 5.4 | 86.7 | 47.0 | 22.5 |
| 55 | 126 | 2.3000 | 5.4 | 86.7 | 47.0 | 22.5 |
| 60 | 128 | 2.3000 | 5.6 | 86.5 | 47.0 | 22.5 |
| 65 | 131 | 2.3000 | 5.7 | 86.3 | 47.0 | 22.5 |
| 70 | 133 | 2.3000 | 5.9 | 85.8 | 47.0 | 22.5 |
| 75 | 132 | 2.3000 | 6.1 | 85.1 | 47.0 | 22.5 |
| 80 | 132 | 2.3000 | 6.5 | 84.0 | 47.0 | 22.5 |
| 85 | 136 | 2.3000 | 7.0 | 83.0 | 47.0 | 22.5 |
| 90 | 137 | 2.3000 | 7.6 | 81.7 | 47.0 | 22.5 |
| 95 | 138 | 2.3000 | 8.3 | 80.1 | 47.0 | 22.5 |
| 100 | 138 | 2.3000 | 9.5 | 77.8 | 47.0 | 22.5 |
| 105 | 138 | 2.3000 | 11.2 | 75.0 | 47.0 | 22.5 |
| 110 | 138 | 2.3000 | 15.5 | 69.5 | 0.0 | 6.0 |
| 115 | 132 | 2.3000 | 15.1 | 69.5 | 0.0 | 6.0 |
| 120 | 128 | 2.3000 | 14.9 | 69.5 | 0.0 | 6.0 |
| 125 | 119 | 2.3000 | 14.3 | 69.5 | 0.0 | 6.0 |
| 130 | 121 | 2.3000 | 14.4 | 69.5 | 0.0 | 6.0 |
| 135 | 120 | 2.3000 | 14.3 | 69.5 | 0.0 | 6.0 |
| 140 | 118 | 2.3000 | 14.2 | 69.5 | 0.0 | 6.0 |
| 145 | 117 | 2.3000 | 14.1 | 69.5 | 0.0 | 6.0 |
| 150 | 120 | 2.3000 | 14.3 | 69.5 | 0.0 | 6.0 |
| 155 | 120 | 2.3000 | 14.3 | 69.5 | 0.0 | 6.0 |
| 160 | 120 | 2.3000 | 21.3 | 63.5 | 0.0 | 0.0 |
| 165 | 119 | 2.3000 | 21.2 | 63.5 | 0.0 | 0.0 |
| 170 | 122 | 2.3000 | 21.5 | 63.5 | 0.0 | 0.0 |
| 175 | 128 | 2.3000 | 22.0 | 63.5 | 0.0 | 0.0 |

 >>>>>>> TV Channel 6 Study For Channel 206 <<<<<<<<

KOTV TULSA, OK 6 2 88.0 100. 36-01-15 131.6 211
 LIC BLCT-19841031KI 573 95-40-32 46.9 -79.4 SHORT
 Grade B 47 dBu = 126 km, Clearance +6 km, TV Signal at FM Site is 45.3 dBu

KAUZZTV WICHITA FALLS, TX 6 2 88.0 100. 33-54-04 220.2 211
 LIC BLCT-1576 311 98-32-21 229.1 +9.2 CLOSE
 Grade B 47 dBu = 106 km, Clearance +115 km, TV Signal at FM Site is 21.7 dBu