



6340 Sky Creek Drive  
Sacramento, California 95828 USA

Telephone (916) 383-1177  
Fax (916) 383-1182

### Azimuth Pattern Tabulation

| <u>AZIMUTH</u> | <u>Relative</u><br><u>Field</u> | <u>dB</u> | <u>AZIMUTH</u> | <u>Relative</u><br><u>Field</u> | <u>dB</u> |
|----------------|---------------------------------|-----------|----------------|---------------------------------|-----------|
| 0              | 0.974                           | -0.233    | 180            | 0.075                           | -22.493   |
| 5              | 0.946                           | -0.486    | 185            | 0.108                           | -19.303   |
| 10             | 0.881                           | -1.105    | 190            | 0.123                           | -18.188   |
| 20             | 0.705                           | -3.042    | 200            | 0.139                           | -17.158   |
| 25             | 0.676                           | -3.404    | 205            | 0.144                           | -16.812   |
| 30             | 0.742                           | -2.596    | 210            | 0.144                           | -16.817   |
| 35             | 0.854                           | -1.373    | 215            | 0.141                           | -17.030   |
| 40             | 0.953                           | -0.417    | 220            | 0.147                           | -16.683   |
| 45             | 0.995                           | -0.044    | 225            | 0.153                           | -16.284   |
| 50             | 0.953                           | -0.417    | 230            | 0.147                           | -16.683   |
| 55             | 0.854                           | -1.373    | 235            | 0.141                           | -17.030   |
| 60             | 0.742                           | -2.596    | 240            | 0.144                           | -16.817   |
| 65             | 0.676                           | -3.404    | 245            | 0.144                           | -16.812   |
| 70             | 0.705                           | -3.042    | 250            | 0.139                           | -17.158   |
| 75             | 0.796                           | -1.986    | 255            | 0.130                           | -17.723   |
| 80             | 0.881                           | -1.105    | 260            | 0.123                           | -18.188   |
| 85             | 0.946                           | -0.486    | 265            | 0.108                           | -19.303   |
| 90             | 0.974                           | -0.233    | 270            | 0.075                           | -22.493   |
| 95             | 0.992                           | -0.066    | 275            | 0.058                           | -24.666   |
| 100            | 0.992                           | -0.073    | 280            | 0.108                           | -19.316   |
| 105            | 0.977                           | -0.206    | 285            | 0.181                           | -14.851   |
| 110            | 0.948                           | -0.462    | 290            | 0.257                           | -11.807   |
| 115            | 0.906                           | -0.857    | 295            | 0.337                           | -9.445    |
| 120            | 0.841                           | -1.509    | 300            | 0.422                           | -7.491    |
| 125            | 0.773                           | -2.234    | 305            | 0.500                           | -6.015    |
| 130            | 0.711                           | -2.957    | 310            | 0.573                           | -4.843    |
| 135            | 0.643                           | -3.837    | 315            | 0.643                           | -3.837    |
| 140            | 0.573                           | -4.843    | 320            | 0.711                           | -2.957    |
| 145            | 0.500                           | -6.015    | 325            | 0.773                           | -2.234    |
| 150            | 0.422                           | -7.491    | 330            | 0.841                           | -1.509    |
| 155            | 0.337                           | -9.445    | 335            | 0.906                           | -0.857    |
| 160            | 0.257                           | -11.807   | 340            | 0.948                           | -0.462    |
| 165            | 0.181                           | -14.851   | 345            | 0.977                           | -0.206    |
| 170            | 0.108                           | -19.316   | 350            | 0.992                           | -0.073    |
| 175            | 0.058                           | -24.666   | 355            | 0.992                           | -0.066    |

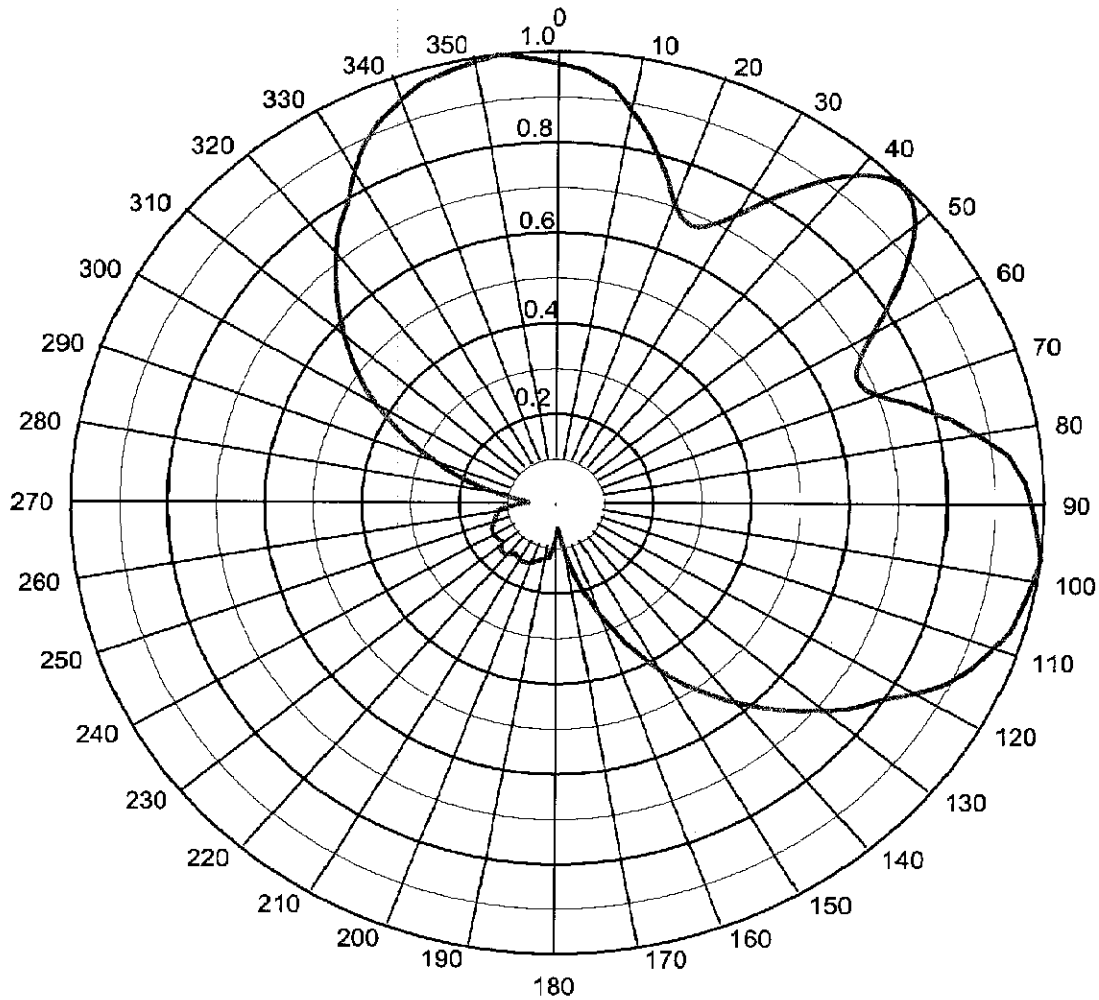
Customer: WTVA-TV

Model: JHD-HV2-2/2 (4)  
Description: VHF Panel Antenna  
Notes: Horizontal Polarization



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Values in Relative Field

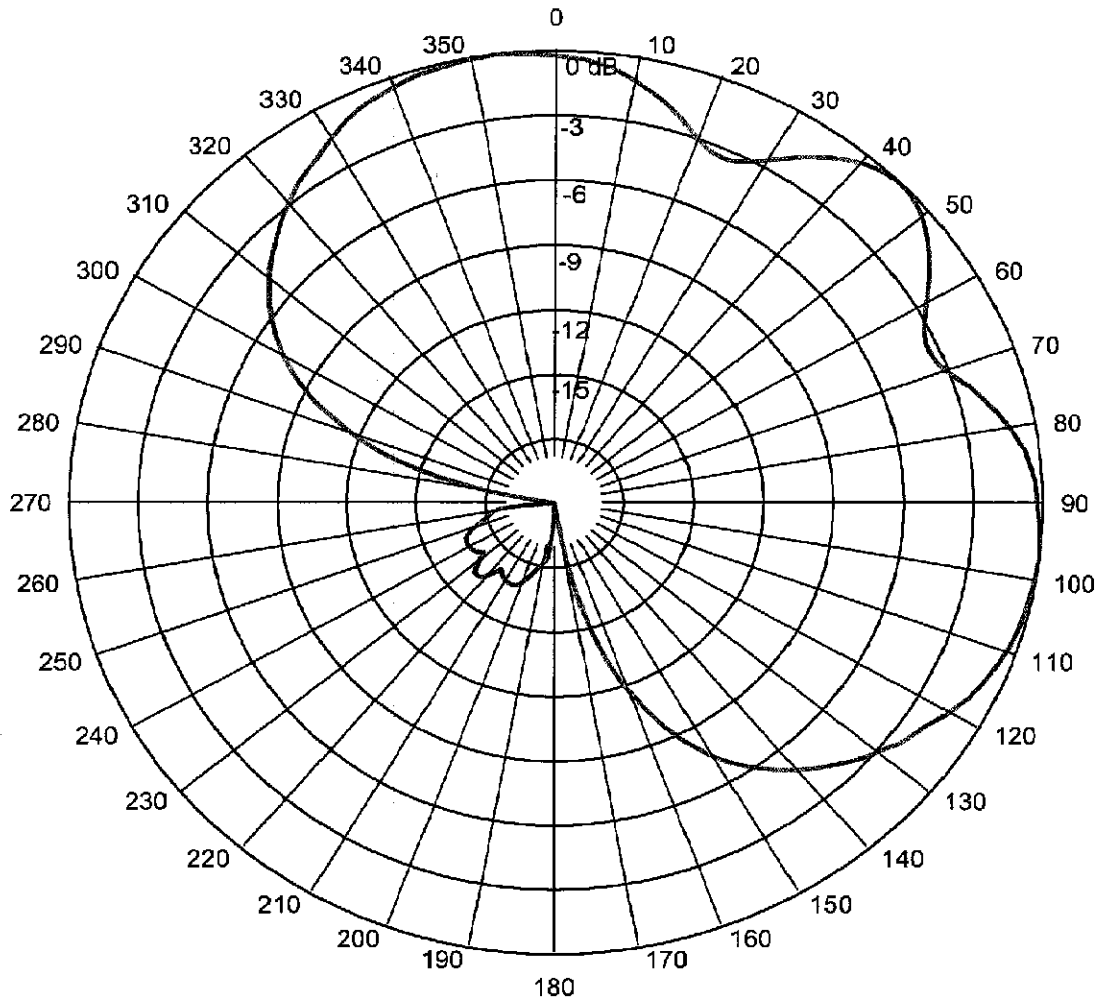
Customer: WTVR-TV

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Values in dB

Customer: WTVA-TV

Model: JHD-HV2-2/2 (4)  
Description: VHF Panel Antenna  
Notes: Horizontal Polarization