

## K208BV ALLOCATION STUDY

K208BV search of channel 262 (100.3 MHz Class D) at 36-26-22.0 N, 97-57-49.0 W.

| CALL     | CITY          | ST | CHN | CL | DIST   | S   | BRNG  | CLEARANCE |
|----------|---------------|----|-----|----|--------|-----|-------|-----------|
| KYKC     | BYNG          | OK | 261 | C2 | 206.82 | NCE | 148.1 | 39.01     |
| KYFM     | BARTLESVILLE  | OK | 261 | C2 | 160.16 | NCE | 81.9  | 32.95     |
| KWFX     | WOODWARD      | OK | 261 | C1 | 129.06 | NCE | 269.9 | 32.28     |
| KWFX     | WOODWARD      | OK | 261 | C1 | 135.26 | NCE | 266.0 | 38.30     |
| KTCM     | KINGMAN       | KS | 262 | C2 | 119.14 | NCE | 351.1 | 8.70      |
| KTCM     | KINGMAN       | KS | 262 | C2 | 130.74 | NCE | 351.4 | 23.44     |
| KSWC     | WINFIELD      | KS | 262 | D  | 125.89 | NCE | 44.3  | 21.65     |
| KPNC     | PONCA CITY    | OK | 265 | A  | 83.66  | NCE | 72.2  | 26.49     |
| KNID     | ALVA          | OK | 259 | C1 | 31.69  | NCE | 303.1 | -18.45*   |
| KNID     | ALVA          | OK | 259 | C1 | 31.69  | NCE | 303.1 | 29.40     |
| KJCM     | SNYDER        | OK | 262 | C3 | 224.62 | NCE | 207.1 | 33.04     |
| KJCM     | SNYDER        | OK | 262 | C3 | 223.52 | NCE | 207.3 | 32.88     |
| KJCM     | SNYDER        | OK | 262 | C3 | 224.62 | NCE | 207.1 | 39.54     |
| KHJM-FM1 | COWETA        | OK | 262 | D  | 217.55 | NCE | 103.3 | 36.35     |
| KHJM     | TAFT          | OK | 262 | A  | 226.46 | NCE | 107.3 | 35.03     |
| KATT-FM  | OKLAHOMA CITY | OK | 263 | C  | 103.75 | NCE | 155.3 | 3.43      |
| KATT-FM  | OKLAHOMA CITY | OK | 263 | C  | 124.06 | NCE | 160.2 | 22.91     |
| KATT-FM  | OKLAHOMA CITY | OK | 263 | C  | 103.75 | NCE | 155.3 | 32.33     |
| K208BV   | ENID, ETC.    | OK | 208 | D  | 5.47   | NCE | 247.4 | 5.47      |
| 960307MD | PONCA CITY    | OK | 209 | C  | 38.68  | NCE | 63.3  | 38.68     |
|          | WOODWARD      | OK | 261 | C1 | 135.26 | NCE | 266.0 | 38.30     |
|          | WOODWARD      | OK | 261 | C1 | 135.26 | NCE | 266.0 | 38.30     |
|          | ALVA          | OK | 260 | C1 | 31.69  | NCE | 303.1 | 29.40     |
|          | ALVA          | OK | 259 | C1 | 31.69  | NCE | 303.1 | 29.40     |

\*The KNID CH 259C1 signal at the proposed K208BV site is 78 dBu F(50,50). A two bay full wave spaced antenna is proposed with the center 250 feet 76.2 meters AGL. For an ERP of 250 watts the 118 dBu interfering contour has a radius of 0.23 kilometers and covers an area of 0.2 square kilometers. Population has been counted on the centroid basis and no population centroids are located within the predicted 118 dBu contour.