

FM Spacing Study

Channel 205 (88.9 MHz) Class A at 39°48'05" N / 89°38'59" W

| <u>CALL</u> | <u>CITY</u> | <u>ST</u> | <u>CHN</u> | <u>CL</u> | <u>DIST</u> | <u>REQ</u> | <u>BRNG</u> | <u>CLEARANCE</u> |
|-------------|----------------|-----------|------------|-----------|-------------|------------|-------------|------------------------|
| WQNA | SPRINGFIELD | IL | 202 | A | 7.53 | 31.00 | 172.7 | -10.38 dB ¹ |
| WDXN-LD | DIXON | IL | 6 | TV | 246.60 | 0.00 | 8.6 | 0.0 |
| K06PT-D | COLUMBIA | MO | 6 | TV | 250.47 | 0.00 | 248.2 | 0.0 |
| WRME-LP | CHICAGO | IL | 6 | TV | 288.89 | 0.00 | 35.5 | 0.0 |
| WRME-LP | CHICAGO | IL | 6 | TV | 288.89 | 0.00 | 35.5 | 0.0 |
| WLNK | LINCOLN | IL | 205 | A | 46.48 | 115.00 | 31.8 | 0.20 dB |
| NEW | ROLLA | MO | 6 | TV | 275.43 | 0.00 | 222.8 | 0.0 |
| WDCR | OREANA | IL | 205 | A | 68.94 | 115.00 | 77.7 | 5.06 dB |
| WSIE | EDWARDSVILLE | IL | 204 | B | 116.52 | 113.00 | 194.5 | 7.66 dB |
| WEIU | CHARLESTON | IL | 205 | B1 | 131.77 | 143.00 | 105.4 | 10.61 dB |
| KAIP | WAPELLO | IA | 205 | C2 | 192.18 | 166.00 | 318.4 | 13.53 dB |
| WGLT | NORMAL | IL | 206 | B | 90.82 | 113.00 | 33.7 | 15.04 dB |
| WIPA | PITTSFIELD | IL | 207 | B | 89.22 | 69.00 | 264.8 | 16.88 dB |
| WWGN | OTTAWA | IL | 205 | B1 | 176.70 | 143.00 | 19.2 | 16.18 dB |
| WVSI | MOUNT VERNON | IL | 205 | A | 171.99 | 115.00 | 159.0 | 16.56 dB |
| KSEF | STE. GENEVIEVE | MO | 205 | C2 | 235.96 | 166.00 | 199.8 | 17.12 dB |
| WPCD | CHAMPAIGN | IL | 204 | B1 | 124.51 | 96.00 | 67.3 | 17.37 dB |
| WGLT | NORMAL | IL | 206 | B | 96.34 | 113.00 | 34.7 | 19.51 dB |
| WBNH | PEKIN | IL | 203 | B | 94.33 | 69.00 | 4.7 | 19.31 dB |
| KJLU | JEFFERSON CITY | MO | 205 | C2 | 268.07 | 166.00 | 236.9 | 22.20 dB |
| KCLC | ST. CHARLES | MO | 206 | C2 | 134.77 | 106.00 | 213.5 | 22.57 dB |
| WLXJ | BATTLE GROUND | IN | 205 | B1 | 240.90 | 143.00 | 69.7 | 22.80 dB |
| WVJC | MOUNT CARMEL | IL | 206 | B | 222.66 | 113.00 | 132.2 | 28.45 dB |
| WJMU | DECATUR | IL | 208 | A | 57.95 | 31.00 | 85.3 | 28.71 dB |
| WPRC | SHEFFIELD | IL | 204 | B1 | 200.76 | 96.00 | 359.5 | 31.76 dB |
| WRLJ | WHITE HALL | IL | 202 | A | 74.97 | 31.00 | 241.3 | 31.99 dB |
| WJLY | RAMSEY | IL | 202 | B | 87.78 | 69.00 | 147.4 | 33.49 dB |
| WGCA-FM | QUINCY | IL | 203 | B | 144.84 | 69.00 | 278.1 | 33.74 dB |
| KSDQ | MOBERLY | MO | 204 | C3 | 228.79 | 89.00 | 255.1 | 35.45 dB |
| WMYJ-FM | OOLITIC | IN | 205 | A | 289.37 | 115.00 | 107.3 | 35.59 dB |
| WXAJ | HILLSBORO | IL | 259 | B | 50.77 | 15.00 | 168.5 | 35.8 |
| WGNJ | ST. JOSEPH | IL | 207 | B | 153.29 | 69.00 | 77.4 | 36.44 dB |
| WVWG | SEELYVILLE | IN | 205 | A | 210.30 | 115.00 | 97.8 | 37.37 dB |
| KNSZ | OTTUMWA | IA | 206 | C2 | 264.53 | 106.00 | 300.1 | 38.53 dB |
| WDLN-FM | EAST MOLINE | IL | 207 | C1 | 206.10 | 75.00 | 340.5 | 38.85 dB |
| WSPI | ELLSWORTH | IL | 208 | B1 | 119.79 | 48.00 | 50.8 | 39.67 dB |

¹ Subject station