

**Engineering Statement
In Support of an
Application for a Construction Permit
KCVK(FM), Otterville, Missouri**

KCVK Channel Spacing Study

| | | | | | | | |
|-------------------------------------|--|------------|----|---------------|--------|----------|---------|
| REFERENCE | | | | DISPLAY DATES | | | |
| 38 39 21 N | CLASS = A | | | | DATA | 03-25-04 | |
| 92 54 27 W | Current Spacings | | | | SEARCH | 04-05-04 | |
| ----- Channel 299 - 107.7 MHz ----- | | | | | | | |
| Call | Channel | Location | | Dist | Azi | FCC | Margin |
| ----- | | | | | | | |
| | Community of Otterville | | MO | 9.56 | 301.2 | | |
| | Reference Coordinates: | | | | | | |
| | North Latitude: 38-42-01 | | | | | | |
| | West Longitude: 92-54-27 | | | | | | |
| KCVK | LIC-N 299A | Otterville | MO | 0.00 | 0.0 | 115.0 | -115.00 |
| | Of no concern: | | | | | | |
| | Licensed (and proposed) coordinates for KCVK | | | | | | |
| KMAJFM | APP 299C1 | Shawnee | KS | 188.46 | 282.8 | 200.0 | -11.54 |
| | Of concern: | | | | | | |
| | Coordinates of KMAJ proposed in contingent application. | | | | | | |
| | Protection afforded under §73.215. | | | | | | |
| KCLQ | LIC-N 300C2 | Lebanon | MO | 99.69 | 161.7 | 106.0 | -6.31 |
| | Of concern: | | | | | | |
| | Protection afforded under §73.215. | | | | | | |
| RADD | ADD 299C1 | Shawnee | KS | 202.81 | 286.5 | 200.0 | 2.81 |
| KMJK | LIC 297C | Lexington | MO | 98.37 | 295.9 | 95.0 | 3.37 |
| KRLK | LIC 299C3 | Stockton | MO | 151.81 | 214.3 | 142.0 | 9.81 |
| KSLZ | LIC 299C0 | St. Louis | MO | 225.11 | 91.5 | 215.0 | 10.11 |
| KLTE | LIC 300C1 | Kirksville | MO | 144.50 | 357.7 | 133.0 | 11.50 |
| KMJK | APP 297C0 | Lexington | MO | 98.37 | 295.9 | 86.0 | 12.37 |
| | Of no concern: | | | | | | |
| | Station voluntarily downgrading to a class C0 in contingent application. | | | | | | |
| KRLK | APP 299A | Stockton | MO | 130.33 | 215.4 | 115.0 | 15.33 |
| | Of note: | | | | | | |
| | Station downgrading to a class A in another contingent application. | | | | | | |
| KMAJFM | CP 299C | Topeka | KS | 263.08 | 278.2 | 226.0 | 37.08 |
| KMAJFM | LIC 299C | Topeka | KS | 264.43 | 279.9 | 226.0 | 38.43 |
| RDEL | DEL 299C | Topeka | KS | 264.43 | 279.9 | 226.0 | 38.43 |
| KMJK.A | APP 297C1 | Lexington | MO | 113.76 | 295.2 | 75.0 | 38.76 |
| KAYQ | LIC-N 246A | Warsaw | MO | 53.75 | 220.7 | 10.0 | 43.75 |