

**Engineering Study
In Support of an
Application for a Construction Permit
KMJK, Channel 297C0, Lexington, MO**

KMJK Channel Spacing Study

REFERENCE		DISPLAY DATES
39 02 14 N	CLASS = C0	DATA 03-25-04
93 55 49 W	Current Spacings	SEARCH 04-05-04
----- Channel 297 - 107.3 MHz -----		

Call	Channel	Location	Dist	Azi	FCC	Margin
Community of Lexington			MO	16.88	16.4	
Reference coordinates:						
North Latitude: 39-10-59						
West Longitude: 93-52-30						
KMJK	LIC 297C	Lexington	MO	0.00	0.0	281.0 -281.00
KMJK.A	APP 297C1	Lexington	MO	15.44	290.2	259.0 -243.56
Of no concern:						
Coordinates used by KMJK.						
KMAJ	APP-N 299C1	Shawnee	KS	95.23	268.7	94.0 1.23
Of note:						
Coordinates used by KMAJ that are being filed in a contingent application.						
KRBZ	LIC 243C0	Kansas City	MO	50.54	268.3	41.0 9.54
KCVK	LIC-N 299A	Otterville	MO	98.37	115.3	86.0 12.37
KCVK	APP-N 299A	Otterville	MO	98.37	115.3	86.0 12.37
Of note:						
KCVK will directionalize at its current site in a contingent application.						
KESY.A	APP 297C3	Cuba	MO	238.59	116.8	226.0 12.59
KMAJFM	APP 299C1	Topeka	KS	106.95	277.2	94.0 12.95
RADD	ADD 299C1	Shawnee	KS	106.95	277.2	94.0 12.95
KMAJFM	APP 299C1	Topeka	KS	106.95	277.2	94.0 12.95
KESY.C	CP 297C3	Cuba	MO	247.47	114.3	226.0 21.47
KTXY	LIC 295C	Jefferson City	MO	132.46	109.2	105.0 27.46
KWBZ	LIC-N 298C3	Monroe City	MO	193.66	70.9	163.0 30.66
KWBZ.C	CP 298C3	Monroe City	MO	193.66	70.9	163.0 30.66
KLTE	LIC 300C1	Kirksville	MO	131.03	38.4	94.0 37.03
KBBK	LIC 297C1	Lincoln	NE	296.51	310.2	259.0 37.51
KNWI	LIC 296C2	Osceola	IA	220.91	1.5	176.0 44.91