

FM Translator Spacing Study

Channel 235 (94.9 MHz) at 44°58'36" N - 93°16'15" 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>
W235CT	ST. PAUL	MN	235	D	14.18	0.00	102.8	-66.83 dB ¹
KZGO	ST. PAUL	MN	237	A	0.13	0.00	240.5	-51.84 dB ²
KSTP-FM	ST. PAUL	MN	233	C	14.08	0.00	47.2	-37.00 dB ²
WWWM-FM	EDEN PRAIRIE	MN	289	A	0.13	10.00	240.5	-9.9 ³
KMXK	COLD SPRING	MN	235	C2	101.79	0.00	297.9	4.45 dB
KLCH	LAKE CITY	MN	235	A	98.63	0.00	123.2	5.19 dB
KZGO	ST. PAUL	MN	237	A	9.56	0.00	110.4	6.03 dB
W280DF	NORTHFIELD	MN	236	D	56.01	0.00	166.4	10.41 dB
KMXK	COLD SPRING	MN	235	C2	94.04	0.00	314.0	12.33 dB
KSTP-FM	ST. PAUL	MN	233	C	14.08	0.00	47.2	14.47 dB
K235BH	MANKATO	MN	235	D	104.58	0.00	212.5	15.89 dB
KCHK-FM	NEW PRAGUE	MN	238	A	62.48	0.00	203.6	16.26 dB
KBK	MORA	MN	238	C3	85.54	0.00	354.3	20.38 dB
KCPI	ALBERT LEA	MN	235	A	149.48	0.00	183.1	21.85 dB
KMXK	COLD SPRING	MN	235	C2	101.79	0.00	297.9	22.16 dB
KCPI	ALBERT LEA	MN	235	A	124.01	0.00	176.0	22.05 dB
KQDS-FM	DULUTH	MN	235	C1	220.91	0.00	23.4	26.85 dB
WQRB	BLOOMER	WI	236	C3	136.54	0.00	91.6	29.65 dB
KCJL-LP	DODGE CENTER	MN	236	LP100	114.14	13.00	163.3	32.22 dB
KNSG	SPRINGFIELD	MN	234	C2	176.45	0.00	248.0	34.07 dB
K236BT	ROCHESTER	MN	236	D	124.91	0.00	149.8	34.63 dB
KDJS-FM	WILLMAR	MN	237	C2	157.37	0.00	272.6	34.81 dB
W234BG	CHETEK	WI	234	D	131.11	0.00	62.2	36.18 dB
WGMO	SPOONER	WI	237	C3	127.43	0.00	52.0	37.27 dB

¹ Licensed facility of subject station

² Fully protected second adjacency, see exhibit 13

³ IF Spacing, not applicable at 99 watts ERP