

FM Translator Spacing Study

Channel 244 (96.7 MHz) at 38°-34'-05.0" N, 90°-19"-55.0" 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>
WFUN-FM	ST. LOUIS	MO	242	C1	0.90	0.00	38.4	-86.56 dB ¹
KFTK-FM	FLORISSANT	MO	246	C1	41.73	0.00	304.4	-10.48 dB ¹
WCXO	CARLYLE	IL	244	A	83.49	0.00	84.2	0.99 dB
KCMQ	COLUMBIA	MO	244	C1	154.20	0.00	275.7	8.08 dB
WCVS-FM	VIRDEN	IL	244	A	126.53	0.00	20.5	12.85 dB
KAHR	POPLAR BLUFF	MO	244	A	200.39	0.00	183.8	27.10 dB
WGNX	COLCHESTER	IL	244	A	206.10	0.00	350.5	29.22 dB
WKIB	ANNA	IL	243	C2	151.58	0.00	151.8	29.39 dB
W247CP	SPARTA	IL	247	D	72.44	0.00	132.7	30.51 dB
W243AV	MOUNT VERNON	IL	243	D	124.96	0.00	99.7	33.95 dB
WRUL	CARMI	IL	247	B	193.92	0.00	105.5	33.98 dB
WIHN	NORMAL	IL	244	A	239.45	0.00	27.3	34.98 dB
KSOZ-LP	SALEM	MO	243	LP100	148.59	13.00	226.2	35.52 dB
W243DN	TAYLORVILLE	IL	243	D	133.57	0.00	42.3	35.37 dB
KHBL-LP	HANNIBAL	MO	245	LP100	153.71	13.00	325.2	36.79 dB
WDDJ	PADUCAH	KY	245	C1	226.50	0.00	137.7	36.18 dB
KUPH	MOUNTAIN VIEW	MO	245	C2	217.33	0.00	216.7	39.00 dB

¹ Fully protected second adjacent channel station. See attached statement.