

### FM Translator Spacing Study

Channel 275 (102.9 MHz) at 38°45'07" N - 90°37'22" 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>
KEZK-FM	ST. LOUIS	MO	273	C0	32.53	0.00	127.3	-20.40 dB <sup>1</sup>
KLOU	ST. LOUIS	MO	277	C1	32.53	0.00	127.3	-19.94 dB <sup>1</sup>
K275BU	WASHINGTON	MO	275	D	47.17	0.00	230.6	-12.55 dB <sup>2</sup>
KYGV-LP	ST. LOUIS	MO	275	LP100	37.32	24.00	116.2	1.16 dB
WIL-FM	ST. LOUIS	MO	222	C0	35.77	25.00	146.9	10.8
W275CS	HIGHLAND	IL	275	D	82.28	0.00	90.4	11.58 dB
WSOY-FM	DECATUR	IL	275	B	191.40	0.00	48.6	15.78 dB
W275BM	JACKSONVILLE	IL	275	D	113.79	0.00	18.7	18.23 dB
WQIN-LP	QUINCY	IL	275	LP100	149.34	24.00	333.3	24.80 dB
KEZS-FM	CAPE GIRARDEAU	MO	275	C1	175.97	0.00	147.9	27.47 dB
W274CE	GREENVILLE	IL	274	D	103.63	0.00	82.7	31.67 dB
KMMO-FM	MARSHALL	MO	275	C1	229.30	0.00	281.5	31.87 dB
W275CB	MOUNT VERNON	IL	275	D	156.46	0.00	106.9	32.69 dB
WJEQ	MACOMB	IL	274	B1	184.92	0.00	0.2	34.69 dB
KCKZ	HUNTSVILLE	MO	278	C2	159.08	0.00	299.0	34.95 dB
KCKZ	HUNTSVILLE	MO	278	C2	167.49	0.00	299.0	36.66 dB
K276DI	COLUMBIA	MO	276	D	144.95	0.00	279.5	37.61 dB
WEMV-LP	VANDALIA	IL	276	LP100	133.69	13.00	80.3	38.06 dB

<sup>1</sup> Fully-protected second-adjacent channel station. See Exhibit 13.

<sup>2</sup> Fully-protected co-channel station. See Exhibit 13.