

**FM Translator Spacing Study**

**Channel 211 (90.1 MHz) at 38°29'44" N - 90°48'33" 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>
KWMU	ST. LOUIS	MO	214	C1	42.90	0.00	77.1	-14.76 dB <sup>1</sup>
KGNV	WASHINGTON	MO	210	A	28.12	0.00	293.8	0.23 dB
KRHS	OVERLAND	MO	211	D	46.02	0.00	58.6	8.77 dB
KNLH	CEDAR HILL	MO	208	A	27.23	0.00	123.3	11.09 dB
KGNA-FM	ARNOLD	MO	210	A	37.15	0.00	99.9	11.24 dB
KGNN-FM	CUBA	MO	212	C3	63.01	0.00	223.9	12.28 dB
W211AD	GRANITE CITY	IL	211	D	62.67	0.00	68.0	13.93 dB
WMSH	SPARTA	IL	212	B	101.44	0.00	126.2	20.73 dB
KWUR	CLAYTON	MO	212	D	46.88	0.00	68.5	21.55 dB
WLCA	GODFREY	IL	210	A	73.32	0.00	46.3	23.64 dB
KNLP	POTOSI	MO	209	A	63.07	0.00	176.7	23.11 dB
WMSH	SPARTA	IL	212	B1	101.44	0.00	126.2	24.81 dB
KGNX	BALLWIN	MO	209	A	27.88	0.00	59.3	26.56 dB
WAWJ	MARION	IL	211	A	162.60	0.00	115.4	30.10 dB
WLLM-FM	CARLINVILLE	IL	211	A	128.75	0.00	42.2	31.06 dB
KOPN	COLUMBIA	MO	208	C2	132.90	0.00	295.3	34.12 dB
KMCV	HIGH POINT	MO	210	C2	151.14	0.00	274.8	35.99 dB
KHIS	JACKSON	MO	210	C3	145.95	0.00	148.1	36.70 dB
KMNR	ROLLA	MO	209	A	103.14	0.00	235.0	38.80 dB
WQUB	QUINCY	IL	212	B	169.71	0.00	343.1	38.43 dB
KOKS	POPLAR BLUFF	MO	208	C1	189.42	0.00	170.7	38.03 dB

<sup>1</sup> Fully protected 3<sup>rd</sup> adjacent station, see exhibit 13.