

### 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>
K06PT-D	COLUMBIA	MO	6	TV	141.36	0.00	290.8	-0.00 dB
KGNV	WASHINGTON	MO	210	A	28.12	0.00	293.8	0.37 dB
NEW	ROLLA	MO	6	TV	103.67	0.00	235.6	-0.00 dB
KGNN-FM	CUBA	MO	212	C3	63.01	0.00	223.9	9.53 dB
KNLH	CEDAR HILL	MO	208	A	27.23	0.00	123.3	11.40 dB
KRHS	OVERLAND	MO	211	D	46.02	0.00	58.6	17.92 dB
KNLP	POTOSI	MO	209	A	63.07	0.00	176.7	23.08 dB
WLCA	GODFREY	IL	210	A	73.32	0.00	46.3	24.49 dB
W211AD	GRANITE CITY	IL	211	D	62.67	0.00	68.0	24.09 dB
KGNX	BALLWIN	MO	209	A	27.88	0.00	59.3	26.56 dB
WMSH	SPARTA	IL	212	B1	101.44	0.00	126.2	27.64 dB
KGNA-FM	ARNOLD	MO	210	A	37.15	0.00	99.9	27.63 dB
KWUR	CLAYTON	MO	212	D	46.88	0.00	68.5	31.79 dB
KMCV	HIGH POINT	MO	210	C2	151.14	0.00	274.8	34.62 dB
KOPN	COLUMBIA	MO	208	C2	132.90	0.00	295.3	34.10 dB
WLLM-FM	CARLINVILLE	IL	211	A	128.75	0.00	42.2	35.70 dB
KHIS	JACKSON	MO	210	C3	145.95	0.00	148.1	37.87 dB
KSCV	SPRINGFIELD	MO	211	C3	245.48	0.00	237.7	37.43 dB
WQUB	QUINCY	IL	212	B	169.71	0.00	343.1	38.31 dB
KOKS	POPLAR BLUFF	MO	208	C1	189.42	0.00	170.7	38.01 dB
KMNR	ROLLA	MO	209	A	103.14	0.00	235.0	38.73 dB

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