

### FM Translator Spacing Study

Channel 248 (97.5 MHz) at 44°24'56" N - 89°50'06" 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>
WSPT	STEVENS POINT	WI	250	C1	23.43	0.00	54.3	-17.37 dB <sup>1</sup>
WCOW-FM	SPARTA	WI	246	C1	95.82	0.00	239.0	13.84 dB
WHDG	RHINELANDER	WI	247	C1	118.75	0.00	25.1	16.21 dB
WTAQ-FM	GLENMORE	WI	248	A	145.75	0.00	89.8	19.43 dB
KNXR	ROCHESTER	MN	248	C	204.45	0.00	259.1	22.42 dB
W247AS	NEW LONDON	WI	247	D	82.77	0.00	89.5	23.70 dB
WSPT	STEVENS POINT	WI	250	C1	23.43	0.00	54.3	23.42 dB
WZOK	ROCKFORD	IL	248	B	246.00	0.00	164.5	24.97 dB
NEW	BARABOO	WI	249	D	100.75	0.00	180.8	24.97 dB
WMGN	MADISON	WI	251	B	165.53	0.00	167.1	29.76 dB
W247CY	BARABOO	WI	247	D	105.20	0.00	175.9	29.42 dB
WFDL-FM	LOMIRA	WI	249	C3	140.22	0.00	126.7	32.36 dB
W247BY	APPLETON	WI	247	D	112.94	0.00	98.7	32.29 dB
WMGN	MADISON	WI	251	B	165.53	0.00	167.1	33.56 dB
WRNW	MILWAUKEE	WI	247	B	211.18	0.00	132.8	33.25 dB
WZOK	ROCKFORD	IL	248	B	245.84	0.00	164.5	35.39 dB
KNXR	ROCHESTER	MN	248	C	204.53	0.00	259.1	35.39 dB
WWWX	OSHKOSH	WI	245	A	109.65	0.00	108.2	35.24 dB
WISM-FM	ALTOONA	WI	251	C3	136.26	0.00	287.8	36.10 dB
WHRC-LP	CHIPPEWA FALLS	WI	247	LP100	134.65	13.00	293.5	36.48 dB
WHDG	RHINELANDER	WI	247	C1	139.19	0.00	14.3	36.55 dB
WRNW	MILWAUKEE	WI	247	B	213.53	0.00	133.0	37.43 dB
W249DH	MADISON	WI	249	D	154.20	0.00	169.4	37.94 dB
W247CI	MIDDLETON	WI	247	D	149.39	0.00	170.4	38.67 dB
WGLR-FM	LANCASTER	WI	249	C3	186.14	0.00	202.3	39.48 dB

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