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W293CB, Milwaukee, Wisconsin  
FCC Form 349 Section III-A #12, Exhibit 12  
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Mueller Broadcast Design  
613 S. La Grange Road  
La Grange, Illinois 60525  
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### FM Translator Spacing Study

Channel 241 (96.1 MHz) at 43°02'20" N - 87°55'04" 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>	
WRIT-FM	MILWAUKEE	WI	239	B	5.68	0.00	2.0	-50.50 dB	*
WKLH	MILWAUKEE	WI	243	B	6.50	0.00	9.0	-47.07 dB	*
W241AG	SHEBOYGAN	WI	241	D	77.19	0.00	11.0	8.98 dB	
WLKG	LAKE GENEVA	WI	241	A	64.21	0.00	222.1	10.27 dB	
WTCX	RIPON	WI	241	A	108.46	0.00	323.5	13.65 dB	
W241BQ	WATERTOWN	WI	241	D	70.49	0.00	284.7	14.32 dB	
WBBM-FM	CHICAGO	IL	242	B	130.93	0.00	169.7	22.88 dB	
WEBG	CHICAGO	IL	238	B	128.93	0.00	169.1	24.41 dB	
WMAX-FM	HOLLAND	MI	241	B	169.01	0.00	97.6	26.68 dB	
WBBM-FM	CHICAGO	IL	242	B	123.05	0.00	173.6	26.60 dB	
WMAX-FM	HOLLAND	MI	241	B	168.98	0.00	97.6	29.58 dB	
WMAD	CROSS PLAINS	WI	242	B1	138.22	0.00	278.6	31.39 dB	
WLHT-FM	GRAND RAPIDS	MI	239	B	181.04	0.00	89.5	32.55 dB	
WBKY	STOUGHTON	WI	240	A	114.23	0.00	260.1	33.37 dB	
W242CM	JANESVILLE	WI	242	D	102.73	0.00	245.2	34.70 dB	
W241AD	SOUTH BEND	IN	241	D	211.21	0.00	137.9	35.03 dB	
W241CE	SHAWANO	WI	241	D	201.79	0.00	343.8	35.00 dB	
WKSZ	DE PERE	WI	240	C3	146.76	0.00	357.9	37.77 dB	
W240DE	EVANSTON	IL	240	D	100.00	0.00	178.5	37.52 dB	
WLHT-FM	GRAND RAPIDS	MI	239	B	181.04	0.00	89.5	37.28 dB	
WKSZ	DE PERE	WI	240	C3	146.76	0.00	357.9	37.18 dB	

\* - second adjacent, fully protected. See Exhibit 13