

# 47 C.F.R. Section 74.1233(a)(1) "Showing of Reduced Interference"

## Present Operation W296EH.L - La Crosse, WI

Pursuant to 47 C.F.R. Section 74.1233(a)(1)(i)(A)(2), this showing of reduced interference to or from any other broadcast station as a remedial change to a same-band frequency has been demonstrated for W296EH.L - La Crosse, WI (Facility ID: 145081). *Given the presence of 47 C.F.R. Section 74.1204(d) Second and Third Adjacent Channel Given Interference Waiver Requests, this showing has been made solely with regard to incoming (received) interference contour clearance to the nearest co-channel or first adjacent channel protection.* The present W296EH.L operation results in -31.3 km of predicted received first adjacent channel contour overlap toward its nearest and most severe allocation protection (see attached **Present Operation Study**). The proposed CH224D.P(now W224EL.P) operation results in no predicted received co-channel channel contour overlap toward its nearest and most severe allocation protection(see attached **Proposed Operation Study**). As a result, the potential for predicted interference will be reduced for this remedial same-band frequency change.

REFERENCE 43 44 52.30 N. 91 17 54.60 W.		CH# 296D - 107.1 MHz, Pwr= 0.25 kW DA, HAAT= 0.0 M, COR= 498.4 M Average Protected F(50-50)= 7.09 km Standard Directional							DISPLAY DATES DATA 02-20-24 SEARCH 02-20-24		
CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*	
296D La Crosse	W296EH	LIC DCN WI	0.0 0.0	0.00 0000145864	43 44 52.30 91 17 54.60	0.250	498	---	Reference---		
295C0 Rochester	KROC-FM	LIC_CN MN	258.2 77.4	92.88 BMLH20130718AHJ	43 34 14.90 92 25 37.60	100.000 338	113.5 755	76.4 Townsquare License, LLC	-31.3*	0.4	
297D Viroqua	W297BW	LIC DCN WI	116.3 296.6	43.40 BLFT20160824ABS	43 34 25.90 90 48 55.40	0.250	17.0 431	10.8 Robinson Media Corporation	7.2	2.5	
297D Winona	W297AW	LIC DCN MN	328.5 148.3	42.57 BLFT20050928AIZ	44 04 25.90 91 34 38.50	0.235 207	11.8 476	7.5 Minnesota Public Radio	11.3	4.8	
296A Platteville	WPVL-FM	LIC_CN WI	154.8 335.3	129.60 BLH20020423AAF	42 41 27.00 90 37 26.50	4.200 120	80.5 381	25.7 Queenb Radio Wisconsin, In	26.6	35.2	
297D Durand	W297CH	LIC_CN WI	332.4 151.9	104.82 BLFT20181016AAA	44 34 53.00 91 54 46.00	0.250	21.5 426	13.6 Durand Broadcasting	63.5	61.5	
296C2 Coon Rapids	KTMF	LIC NCN MN	315.6 134.3	206.73 BLH20020628ABW	45 03 44.90 93 08 21.80	22.000 179	122.7 454	47.8 Ktmy-Fm, LLC	64.1	100.0	
295A Wisconsin Dells	WNNO-FM	LIC_CN WI	95.0 276.0	127.36 BLH20161006AAC	43 38 17.00 89 43 17.30	6.000 98	42.5 384	27.5 Magnum Communications, Inc	64.2	69.2	
296A Vinton	KRQN	LIC_CN IA	195.1 14.7	183.97 BMLH20051025ABI	42 08 56.00 91 52 50.60	4.700 113	84.3 366	27.5	80.3	98.8	
296A Vinton	KRQN	APP_CN IA	195.1 14.7	183.97 0000193730	42 08 56.00 91 52 50.60	4.700 113	84.3 366	27.5	80.3	98.8	
297B Fort Atkinson	WSJY	LIC DCN WI	119.3 300.9	209.96 0000186991	42 48 02.00 89 03 16.00	26.000 206	76.3 474	64.6 Magnum Communications, Inc	112.9	103.4	
297C3 Forest City	KIOW	LIC ZCN IA	255.5 73.9	194.98 BLH19931014KB	43 17 01.80 93 37 50.70	25.000 100	60.8 484	39.7 Pilot Knob Broadcasting, I	122.3	139.7	
296A Fond Du Lac	WFON	LIC_CN WI	86.5 268.5	235.31 BMLH20030414AAR	43 50 20.00 88 22 08.40	6.000 91	90.0 360	30.8 Rbh Enterprises, Inc.	124.0	140.4	

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
In & Out distances between contours are shown at closest points. Reference zone= West Zone, Co to 1st adjacent.  
All separation margins (if shown) include rounding.  
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
"\*"affixed to 'IN' or 'OUT' values = site inside restricted contour.  
« = Station meets FCC minimum distance spacing for its class.

# 47 C.F.R. Section 74.1233(a)(1) "Showing of Reduced Interference"

# Proposed Operation CH224D.P(now W224EL.P) - La Crosse, WI

Pursuant to 47 C.F.R. Section 74.1233(a)(1)(i)(A)(2), this showing of reduced interference to or from any other broadcast station as a remedial change to a same-band frequency has been demonstrated for W296EH.L - La Crosse, WI (Facility ID: 145081). *Given the presence of 47 C.F.R. Section 74.1204(d) Second and Third Adjacent Channel Given Interference Waiver Requests, this showing has been made solely with regard to incoming (received) interference contour clearance to the nearest co-channel or first adjacent channel protection.* The present W296EH.L operation results in -31.3 km of predicted received first adjacent channel contour overlap toward its nearest and most severe allocation protection (see attached **Present Operation Study**). The proposed CH224D.P(now W224EL.P) operation results in no of predicted received co-channel channel contour overlap toward its nearest and most severe allocation protection(see attached **Proposed Operation Study**). As a result, the potential for predicted interference will be reduced for this remedial same-band frequency change.

REFERENCE											
43 44 52.30 N.			CH# 224D - 92.7 MHz, Pwr= 0.225 kW DA, HAAT= 239.3 M, COR= 498.4 M						DISPLAY DATES		
91 17 54.60 W.			Average Protected F(50-50)= 19.72 km						DATA 02-20-24		
			Standard Directional						SEARCH 02-20-24		
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY	STATE	STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
224D	W224EL/W2	CP	_CN	0.0	0.00	43 44 52.30	0.225	67.2	---Reference---		
La Crosse	WI			0.0	0000197677	91 17 54.60		498			
223D	K223AH	LIC	DVN	277.8	44.67	43 48 02.80	0.119	19.7	13.0	3.9	0.7
Peterson	MN			97.4	BLFT19960125TD	91 51 00.50	83	408	Faith Sound, Inc.		
223D	CH223D	PRO	_CN	42.4	23.23	43 54 07.20	0.020	5.5	3.7	4.9	0.7
La Crescent	WI			222.5	**CONTINGENT**	91 06 11.60	-50	302	**Proposed Operation**		
224A	WPKG	LIC	_CN	29.8	108.32	44 35 29.90	3.400	86.1	30.1	3.7	31.2
Neillsville	WI			210.2	BMLH20060228AOL	90 37 09.50	134	461	Central Wisconsin Broadcas		
223D	KSMR	LIC	_CN	316.4	45.96	44 02 46.80	0.004	3.5	2.5	23.2	15.4
Winona	MN			136.1	BLED19921005KB	91 41 43.50	-43	250	Real Presence Radio		
225C1	KATF	LIC	NCN	157.6	146.39	42 31 44.00	92.000	108.9	73.6	16.4	39.0
Dubuque	IA			338.0	BLH20030130ACU	90 36 58.50	309	556	Radio Dubuque, Inc.		
225A	KFSI	LIC	_CN	287.5	104.38	44 01 26.80	6.000	46.4	30.2	36.8	42.8
Rochester	MN			106.7	BLED19810507AJ	92 32 36.60	97	443	Faith Sound, Inc.		
225D	W225BF	LIC	DCN	86.7	88.47	43 47 15.90	0.250	10.4	7.4	57.3	49.8
Mauston	WI			267.5	BLFT20110719AAG	90 11 52.50	152	457	Murphy's Law Media Group,		
222C0	KOEL-FM	LIC	_CN	201.9	127.50	42 40 56.60	100.000	9.8	70.9	99.5	55.6
Oelwein	IA			21.5	BLH20160217AAE	91 52 50.60	297	627	Townsquare License, LLC		
225A	WECL	LIC	NCN	354.4	120.86	44 49 47.00	5.800	39.6	25.9	59.2	62.7
Lake Hallie	WI			174.3	0000139076	91 26 49.00	92	372	Clear Water Brands, Inc.		
221A	WRJC-FM	LIC	_CN	86.7	88.47	43 47 15.90	2.000	2.3	26.6	65.4	60.6
Mauston	WI			267.5	BLH19980630KE	90 11 52.50	174	479	Murphy's Law Media Group,		

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