

Channel Study

REFERENCE		CH# 288D - 105.5 MHz, Pwr= 0.25 kW, HAAT= 0.0 M, COR= 385 M								DISPLAY DATES	
44 58 05.0 N.		Average Protected F(50-50)= 7.1 km								DATA 11-11-16	
92 40 01.0 W.		Omni-directional								SEARCH 11-23-16	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
288D Bayport	K288GR!	LIC	DC MN	0.0 0.0	0.00 BLFT20160502ABT	44 58 05.0 92 40 01.0	0.250 254	17.6 385	5.4 630 Radio, Incorporated	-31.0	-51.3
289A Eden Prairie	WWWM-FM	LIC	ZCX MN	271.3 90.9	47.75 BLH20080502ABX	44 58 34.0 93 16 20.0	0.950 254	25.7 521	17.2 Radio License Holdings Llc	7.9	9.1
287C3 Cambridge	WRXP	LIC	CN MN	327.9 147.5	80.28 BLH19911230KC	45 34 40.0 93 12 56.0	25.000 91	56.5 378	35.8 Radio License Holdings Llc	9.5	23.0
290C3 Red Wing	KWNG	LIC	NCN MN	166.6 346.7	49.22 BLH19930217KA	44 32 14.0 92 31 21.0	12.000 100	3.5 381	35.3 Q Media Group Llc	34.0	12.8
286A Lakeville	WGVX	LIC	NCN MN	232.3 52.0	48.37 BLH19960507KA	44 42 05.0 93 09 02.0	2.600 152	2.6 440	29.5 Radio License Holdings Llc	31.1	17.8
288C3 St. Peter	KRBI-FM	LIC	NCX MN	231.3 50.4	140.40 BLH20100614AQT	44 10 20.0 94 02 23.0	25.000 68	107.7 354	32.7 Alpha 3e Licensee Llc	17.9	58.4
289L1 Clear Lake	WPGR-LP	LIC		50.0 230.3	50.72 BLL20030725ABX	45 15 36.0 92 10 17.0	0.022 62			29.0	26.0
285C3 Balsam Lake	WLMX-FM	LIC	CN WI	32.4 212.8	69.03 BLH19970224KB	45 29 27.0 92 11 32.0	22.000 106	4.3 479	41.2 Zoe Communications, Inc.	51.6	26.7
289C3 Chippewa Falls	WCFW	LIC	CN WI	95.1 276.1	109.53 BLH19970228KA	44 52 18.0 91 17 11.0	25.000 93	61.2 383	40.0 Bushland Radio Specialties	36.8	52.8
289A Siren	WXCX	LIC	C WI	8.7 188.8	96.77 BLH20000726AAE	45 49 43.0 92 28 41.0	6.000 100	42.4 397	27.4 Zoe Communications, Inc.	40.3	48.1
287L1 Menomonie	WPHF-LP	LIC		97.9 278.5	66.52 BLL20150204ACR	44 53 00.0 91 49 58.0	0.100 5			47.2	44.5
291C3 Elk River	KLCI	LIC	C MN	291.0 110.2	85.75 BLH20010710AAW	45 14 20.0 93 41 14.0	9.100 164	3.9 453	39.9 Milestone Radio Llc	66.9	44.7
288L1 Rice Lake	WYRL-LP	LIC		50.6 231.2	93.96 BLL20150720ABX	45 30 00.3 91 44 12.9	0.100 17			63.3	46.6
288A Trempealeau	WFBZ	LIC	CN WI	138.9 319.8	150.38 BLH19951120KH	43 56 33.0 91 26 03.0	2.100 162	86.4 446	31.0 Sparta-tomah Broadcasting	53.5	84.0
235A Lake City	KLCH	LIC	ZCX MN	147.1 327.4	63.55 BLH20011212AAQ	44 29 15.0 92 13 55.0	5.000 100	39.5 379	26.0 Q Media Group, Llc	10.0R	53.6M
287C2 Stewartville	KYBA	LIC	CN MN	181.0 1.0	143.91 BLH19930205KD	43 40 23.0 92 41 54.0	50.000 150	77.1 561	51.3 Townsquare Media Rochester	54.4	74.2
288A Albany	KDDG	LIC	CX MN	296.7 115.3	168.59 BMLH20141003ACB	45 37 53.0 94 36 00.0	6.000 100	86.5 470	28.1 Starcom, Llc	67.0	90.3

Terrain database is GLOBE 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference Zone= East Zone, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 < = Station meets FCC minimum distance spacing for its class.
 < = Contour Overlap
 Reference station has protected zone issue: AM tower