

FM Channel 297 - Waterloo, IA

CH CITY	CALL	TYPE STATE	ANT AZI --	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
300C Waterloo	KFMW	LIC _C_ IA	96.4 276.8	43.90 BLH20031113AIR	42 24 02.0 91 50 36.0	100.000 550	13.0 834	89.4 Nrg License	16.7 Sub, Llc	-46.6*
296A Vinton	KRQN	LIC _CX IA	128.9 309.3	52.36 BMLH20051025ABI	42 08 56.0 91 52 50.0	4.700 113	43.0 366	28.0 George S. Flinn,	-4.5 Jr.	3.4
295D Waterloo	K295CF	CP _C_ IA	56.9 237.0	10.82 BNPFT20130830AST	42 29 56.0 92 15 51.0	0.250 78	1.1 354	11.6 E-string Wireless,	-4.4*	-1.9*
298C1 Des Moines	KKDM	LIC _CN IA	220.6 39.9	116.81 BLH19980202KG	41 38 38.0 93 17 20.0	100.000 220	98.8 485	67.2 Clear Channel Broadcasting	5.7	31.5
297C3 Forest City	KIOW	LIC ZCN IA	312.7 131.9	138.39 BLH19931014KB	43 17 02.0 93 37 50.0	25.000 100	114.2 484	39.6 Pilot Knob Broadcasting	11.0	53.4
294C2 Grinnell	KRTI	LIC _CN IA	198.9 18.7	75.32 BLH19930601KB	41 48 16.0 92 40 09.0	50.000 150	6.2 443	53.4 Newton License Co, Llc	57.1	20.8
298D Cedar Rapids	K298BM	LIC _C_ IA	126.4 306.9	74.68 BLFT20131209XVV	42 02 42.0 91 38 48.0	0.250 141	23.4 388	15.6 Kzia, Inc.	37.2	37.9
297C1 Burlington	KGRS	LIC _CN IA	150.0 330.8	207.36 BLH19860915KC	40 49 26.0 91 08 33.0	100.000 131	149.4 316	53.9 Titan Broadcasting, Llc	44.6	107.7
295C0 Rochester	KROC-FM	LIC _CX MN	358.1 178.0	125.14 BMLH20130718AHJ	43 34 15.0 92 25 37.0	100.000 338	11.0 755	76.7 Townsquare Media Rochester	99.9	47.4

Terrain database is NGDC 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= West Zone, Co to 3rd 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.