

KDPS Des Moines, Iowa 201A

Fig 1: Contour Overlap

REFERENCE
41 35 02.00 N.
93 38 29.50 W.

CH# 201A - 88.1 MHz, Pwr= 5.2 kW, HAAT= 84.8 M, COR= 350 M
Average Protected F(50-50)= 25.35 km
Omni-directional

DISPLAY DATES
DATA 11-10-21
SEARCH 11-10-21

CH CITY	CALL	TYPE ANT STATE	AZI --	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
201A Des Moines	KDPS	LIC _HN IA	151.5 331.5	0.03 BLED261	41 35 00.90 93 38 28.70	5.200 87	350	---Reference---		
204A West Des Moines	KWDM	LIC _CN IA	274.4 94.3	9.29 BLED19931217KB	41 35 24.90 93 45 10.80	0.100 52	0.7 330	9.3	-14.4*	-2.3*
202A Newton	KKLG	LIC _CN IA	76.8 257.2	53.80 BLED20051004ADB	41 41 33.00 93 00 37.70	0.400 67	20.0 338	13.3	7.8	0.4
201C3 Ottumwa	KQLF	APP _CN IA	120.3 301.1	119.67 0000162295	41 02 02.10 92 24 34.70	10.500 44	90.4 277	26.7	0.6	7.9
201C0 Ralston	KMLV	LIC DCN NE	262.1 80.5	201.11 BMLED20100729AEG	41 18 40.00 96 01 38.10	59.000 390	171.2 731	74.5	4.0	46.6
203C3 Adel	KIHS	APP DCN IA	273.6 93.4	33.92 0000162611	41 36 09.10 94 02 55.40	12.500 57	1.6 360	13.0	8.9	18.5
203A Adel	KIHS	LIC _CN IA	273.6 93.4	33.93 BLED20140609ACP	41 36 09.00 94 02 55.80	0.560 63	1.6 361	12.3	8.9	18.9
203A Pleasantville	769021	APP _CN IA	124.6 304.8	38.58 0000167854	41 23 10.50 93 15 38.60	1.000 50	1.6 304	13.1	9.6	22.8
203A Ames	KURE	CP _CN IA	354.9 174.8	45.64 0000146796	41 59 34.00 93 41 28.00	0.105 81	0.7 387	9.0	17.8	34.0
201A Fort Dodge	KICB	LIC _CN IA	335.6 155.2	110.88 BLED19820226AL	42 29 26.80 94 12 01.80	0.200 40	26.5 379	7.7	57.5	19.9
203A Ames	KURE	LIC _CN IA	359.4 179.4	49.56 BLED20070430AAT	42 01 46.90 93 38 51.70	0.630 22	1.6 325	9.0	21.4	37.4
202A Story City	KJTT	LIC DCN IA	5.3 185.3	71.58 BLED20110902AAI	42 13 29.90 93 33 40.80	1.900 70	13.0 395	9.3	32.6	22.7
201C3 Waterloo	KBBG	LIC _CN IA	46.1 226.9	149.99 BLED19960329KC	42 30 44.90 92 19 24.60	9.500 47	86.4 320	24.3	38.2	43.9
203A Grinnell	KDIC	LIC _CN IA	76.3 256.9	78.71 BLED19850115LR	41 44 52.90 92 43 10.60	0.130 38	0.8 332	7.6	51.8	68.5
204C3 Marshalltown	KRFH	LIC _CN IA	47.5 228.0	80.55 BLED20101129AJT	42 04 16.90 92 55 19.70	8.300 29	1.7 319	17.2	53.5	60.9
204A Albia	768479	APP _CN IA	130.7 311.2	87.91 0000167522	41 03 55.70 92 50 47.20	6.000 89	2.6 354	28.4	58.1	56.3
254C0 Centerville	KMGO«	CP _CN IA	145.5 325.9	83.00 BPH20170331ABV	40 58 02.20 93 04 53.70	100.000 321	71.5 614	48.3	24.5R	58.5M
201C3 Storm Lake	KOIA	LIC DCN IA	317.7 136.8	164.19 BLED20121102ADP	42 40 05.90 94 59 36.00	6.000 112	72.5 502	24.0	66.0	60.1
202A Ottumwa	KQLF	LIC _CN IA	120.3 301.1	119.67 BLED20111201MNT	41 02 02.10 92 24 34.70	1.400 44	24.6 277	16.3	66.5	60.6
255C3 Jefferson	KGRA«	LIC _CN IA	301.6 121.0	85.37 BLH19960111KT	41 58 53.90 94 31 12.90	11.000 152	71.5 499	48.3	11.5R	73.9M
204A Glidden	768291	APP _CN IA	300.2 119.5	103.90 0000167412	42 02 55.80 94 43 45.40	5.000 67	2.4 432	24.0	77.6	77.3
202C3 Grant City	768990	APP _CN MO	207.1 26.5	156.50 0000167675	40 19 39.00 94 28 55.90	14.000 108	54.4 399	35.4	77.5	83.3
204C3 Carroll	767727	APP _CN IA	299.1 118.3	118.59 0000167518	42 05 47.00 94 53 50.00	13.000 100	3.7 497	37.0	90.8	79.2
201C3 West Point	763545	APP _CN IA	119.0 300.5	213.08 0000166562	40 37 55.00 91 26 01.00	16.500 104	104.8 300	35.9	79.5	90.4
254C1 Centerville	KMGO«	LIC _CN IA	143.8 324.3	108.82 BLH20141203ABM	40 47 31.00 92 52 39.70	100.000 138	71.5 423	48.3	21.5R	87.3M

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	Page # 2 *IN* (Overlap in km)	*OUT*
202C3 Cedar Rapids	KCCK-FM	LIC _CN IA		77.0 258.3	168.71 BLED1408	41 54 33.00 91 39 17.60	10.000 128	50.8 366	32.8 Kirkwood	91.4 Community College	95.3
204A Eagle Grove	762429	APP DCN IA		346.5 166.3	122.50 0000165765	42 39 18.00 93 59 25.00	6.000 85	2.6 428	26.3	92.3	93.5
201C1 Grand Meadow	768698	APP DCN MN		21.4 202.1	246.40 0000167643	43 38 34.00 92 31 36.00	42.000 279	126.7 691	51.1	95.8	110.7
201A Chillicothe	KLWL	LIC _CN MO		178.7 358.7	196.71 BLED20121017ABT	39 48 54.10 93 35 18.80	0.800 103	59.9 332	18.8 CSN International	111.6	96.5

Terrain database is 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= - Zone 2, 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.
« = Station meets FCC minimum distance spacing for its class.