

## Channel Study

REFERENCE		CH# 201C0- 88.1 MHz, Pwr= 59 kW DA, HAAT= 390.0 M, COR= 731 M								DISPLAY DATES	
41 18 40.0 N.		Average Protected F(50-50)= 73.6 km								DATA 02-21-18	
96 01 37.0 W.		Standard Directional								SEARCH 02-23-18	
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	
201C0	KMLV!	LIC	DCX	0.0	0.00	41 18 40.0	59.000	106.7	42.2	-148.9	-148.9
Ralston			NE	0.0	BMLED20100729AEG	96 01 37.0	390	731	Educational Media Foundati		
255D	K255CJ!	CP	C	138.8	7.96	41 15 26.0	0.062	30.5	20.7	25.0R	-17.0M
Briggs			NE	318.8	BPFT20170718AAH	95 57 51.0		492	Csn International		
255D	K255CJ!	LIC	V	128.9	9.70	41 15 23.0	0.003	30.5	20.7	25.0R	-15.3M
Briggs			NE	308.9	BLFT20170517AAQ	95 56 12.0		400	Csn International		
203C1	KLCV	LIC	DCX	207.4	65.65	40 47 10.0	46.000	6.7	59.5	-14.7*<	-3.8<
Lincoln			NE	27.2	BLED20090622AAF	96 23 10.0	383	731	Community Broadcasting, In		
201C3	KFHC	LIC	E	339.3	137.03	42 27 48.0	8.800	95.0	32.8	2.1	1.7
Ponca			NE	158.9	BLED20080215AGY	96 37 01.9	127	499	St. Gabriel Communications		
201A	KDPS	LIC	HN	80.5	201.65	41 35 01.0	5.200	80.0	24.1	47.2	6.3
Des Moines			IA	262.1	BLED261	93 38 28.0	87	350	Des Moines Independent Sch		
201C3	KOIA	LIC	DCX	29.2	173.39	42 40 06.0	6.000	89.1	30.1	28.1	9.4
Storm Lake			IA	209.9	BLED20121102ADP	94 59 35.0	112	502	Saint Gabriel Communicatio		
204A	KFOM	LIC	CX	116.1	88.41	40 57 31.0	0.100	0.7	7.9	12.1	70.3
Stanton			IA	296.7	BLED20120510ADX	95 04 58.0	61	418	Calvary Chapel Clarinda, I		
202A	KQIQ	LIC	V	212.8	148.74	40 10 57.0	4.200	41.3	27.0	33.8	13.4
Beatrice			NE	32.2	BLED20010305AAD	96 58 32.0	103	527	My Bridge Radio		
255D	K255DF«!	LIC	DC	284.9	43.73	41 24 40.0	0.250	30.5	20.7	25.0R	18.7M
Fremont			NE	104.6	BLFT20180116AAF	96 31 57.0		487	Walnut Radio, LLC		
201C1	KJTY	LIC	CX	168.8	257.01	39 02 21.0	75.000	159.2	64.7	23.7	21.5
Topeka			KS	349.2	BLED20170109ABB	95 26 59.0	234	527	Family Life Broadcasting,		
201A	KCNT	LIC	HN	248.0	210.40	40 34 52.0	2.300	65.0	18.9	72.6	22.5
Hastings			NE	66.5	BLED19820217AO	98 19 58.0	55	632	Central Community College		
201A	KICB	LIC	CN	48.4	200.36	42 29 27.0	0.200	23.5	7.0	110.3	38.6
Fort Dodge			IA	229.7	BLED19820226AL	94 12 01.0	40	379	Iowa Central Community Col		
202C1	KOLB	LIC	DCX	312.9	178.99	42 23 43.9	100.000	80.4	52.7	48.9	52.3
Hartington			NE	131.9	BLED20110718ACZ	97 37 16.9	125	652	Vss Catholic Communication		
255D	K255CS«!	LIX	C	215.4	81.74	40 42 39.0	0.115	30.5	20.7	25.0R	56.7M
Lincoln			NE	35.1	BLFT20170117ABG	96 35 22.0	139	537	Csn International		
255D	K255CS«!	CP	C	224.8	83.57	40 46 33.0	0.180	30.5	20.7	25.0R	58.6M
Lincoln			NE	44.3	BPFT20171127AAH	96 43 32.0		426	Csn International		

Terrain database is FCC 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= - Zone 2, 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)  
"«"affixed to 'IN' or 'OUT' values = site inside restricted contour.  
« = Station meets FCC minimum distance spacing for its class.  
< = Contour Overlap