

2000 Census data selected  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-27-2007 Time: 14:32:59

Record Selected for Analysis

K50IO USERRECORD-01 NELIGH NE US  
Channel 50 ERP 0.35 kW HAAT 134. m RCAMSL 00703 m SIMPLE MASK  
Latitude 042-02-43 Longitude 0098-01-41  
Status APP Zone 2 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	0.350	145.5	27.1
45.0	0.305	151.9	26.9
90.0	0.170	168.9	25.0
135.0	0.160	138.1	22.6
180.0	0.188	127.9	22.6
225.0	0.160	96.8	18.9
270.0	0.170	106.1	20.2
315.0	0.305	136.9	25.8

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
50	K50IO	NELIGH NE	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
35	K35FM	NORFOLK NE	55.5	CP	BPTT	-
20050414ABJ						
36	KCAZ-LP	COLUMBUS NE	99.7	CP	BPTTL	-
20040910AAC						
36	NEW	SOUTH SIOUX CITY NE	140.4	APP	BNPTTL	-
20000831ASH						
43	K43FX	O'NEILL NE	66.0	LIC	BLTT	-
20020327AAF						
46	K46EE	COLUMBUS, ETC. NE	117.7	LIC	BLTTL	-
19950807JT						
46	KAZJ-LP	NORFOLK NE	56.8	LIC	BLTTL	-
20050204ABA						
48	K48FF	COLUMBUS, ETC NE	117.7	LIC	BLTTL	-
19950807JU						
48	K48CH	NORFOLK NE	54.8	LIC	BLTT	-
19880229IH						
48	KOAZ-LP	O'NEILL NE	65.9	LIC	BLTTL	-
20041015ACJ						
49	KPTH	SIOUX CITY IA	160.2	CP	BPCDT	-
19991101AGW						
49	K49JY-D	LINCOLN NE	173.9	CP	BDCCDTT	-
20061030ALQ						
50	KDIN-TV	DES MOINES IA	365.6	LIC	BLEDT	-
20050218ABR						
50	K50KJ-D	SIOUX CITY IA	150.2	CP	BDCCDTL	-
20061030ACG						
50	NEW	CONCORDIA KS	242.7	APP	BNPTTL	-
20000830AXP						
50	K50KD-D	FROST MN	375.4	CP	BDCCDTL	-
20061020AAK						
50	NEW	GRANITE FALLS MN	364.8	APP	BSFDTL	-
20060630BXI						
50	K61GE	JACKSON MN	302.0	CP	BDISTTL	-
20060720ACY						
50	K50KF	REDWOOD FALLS MN	372.5	APP	BSTA	-
20060707AFF						
50	K50KF	REDWOOD FALLS MN	372.5	LIC	BLTT	-
20070227ACU						
50	K50AB	ST. JAMES MN	360.6	LIC	BLTTL	-
19970522JF						
50	K50KI-D	BEATRICE NE	224.1	CP	BDCCDTT	-
20061030ALE						
50	K50EG	COLUMBUS, ETC. NE	117.7	LIC	BLTTL	-



31	KLKN-DT	LINCOLN NE	127.5	PLN	DTVPLN	-
DTVP0833						
34	KUSD-DT	VERMILLION SD	122.7	PLN	DTVPLN	-
DTVP0955						
35	KHIN	RED OAK IA	190.3	LIC	BLEDT	-
20051116AED						
35	KHIN-DT	RED OAK IA	190.3	PLN	DTVPLN	-
DTVP0973						
35	KWAZ-LP	LINCOLN NE	142.5	CP	BPTTL	-
20040729AOC						
38	KXVO	OMAHA NE	142.1	CP MOD	BMPCDT	-
20040618AAW						
38	KXVO-DT	OMAHA NE	142.2	PLN	DTVPLN	-
DTVP1057						
39	KMEG	SIOUX CITY IA	112.0	CP	BPCDT	-
19990415KE						
39	KMEG-DT	SIOUX CITY IA	102.0	PLN	DTVPLN	-
DTVP1087						
43	KPTM	OMAHA NE	142.2	LIC	BLCDT	-
20051107AFO						
43	KPTM-DT	OMAHA NE	142.2	PLN	DTVPLN	-
DTVP1234						
43	KPTM	OMAHA NE	142.2	APP	BMPCDT	-
20040609AAB						
49	NEW -DT	SIOUX CITY IA	112.0	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	112.0	CP	BPCDT	-
19991101AGW						
50	K50IO	NELIGH NE	55.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 2

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	KCAZ-LP	COLUMBUS NE	BPTTL	-20040910AAC

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
28	KHNE-TV	HASTINGS NE	86.0	LIC	BLEDT	-
20030409ABN						
28	KHNE	HASTINGS NE	86.0	LIC	BPRM	-
20000728AAH						
29	KHNE-TV	HASTINGS NE	86.0	LIC	BMLET	-
20020206ABQ						
32	KGIN-DT	GRAND ISLAND NE	145.9	PLN	DTVPLN	-
DTVP0871						
33	KBIN-TV	COUNCIL BLUFFS IA	126.4	LIC	BLEDT	-
20050711ABX						
33	KBIN-DT	COUNCIL BLUFFS IA	126.5	PLN	DTVPLN	-
DTVP0900						
34	KSNB-DT	SUPERIOR NE	143.9	PLN	DTVPLN	-

DTVP0945						
36	KHIN	RED OAK IA	174.7	LIC	BLET	-
19860923KP						
36	KMTW	HUTCHINSON KS	374.5	LIC	BLCT	-
20010116AHT						
36	KMCI	LAWRENCE KS	352.3	LIC	BLCDT	-
20030808AAO						
36	KMCI-DT	LAWRENCE KS	325.4	PLN	DTVPLN	-
DTVP1015						
36	KHGI-DT	KEARNEY NE	146.5	PLN	DTVPLN	-
DTVP1026						
36	NEW	SOUTH SIOUX CITY NE	150.5	APP	BNPTTL	-
20000831ASH						
36	KWSD	SIOUX FALLS SD	252.6	LIC	BLCT	-
20001108ABE						
38	KXVO	OMAHA NE	97.5	CP MOD	BMPCDT	-
20040618AAW						
38	KXVO-DT	OMAHA NE	97.5	PLN	DTVPLN	-
DTVP1057						
40	KUON-DT	LINCOLN NE	76.9	PLN	DTVPLN	-
DTVP1133						
43	KPTM	OMAHA NE	97.4	LIC	BLCDT	-
20051107AFO						
43	KPTM-DT	OMAHA NE	97.5	PLN	DTVPLN	-
DTVP1234						
43	KPTM	OMAHA NE	97.4	APP	BMPCDT	-
20040609AAB						
51	KCWL-TV	LINCOLN NE	75.5	LIC	BLCT	-
20060626ACQ						
50	K50IO	NELIGH NE	99.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 3

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	NEW	SOUTH SIOUX CITY NE	BNPTTL -20000831ASH

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
28	KSIN-DT	SIOUX CITY IA	10.8	PLN	DTVPLN -
DTVP0706					
28	KSIN-TV	SIOUX CITY IA	10.8	LIC	BLEDT -
20050726AMC					
29	KSFY-DT	SIOUX FALLS SD	116.6	PLN	DTVPLN -
DTVP0765					
32	KELO-DT	SIOUX FALLS SD	116.6	PLN	DTVPLN -
DTVP0881					
33	KBIN-TV	COUNCIL BLUFFS IA	143.9	LIC	BLEDT -
20050711ABX					
33	KBIN-DT	COUNCIL BLUFFS IA	143.9	PLN	DTVPLN -
DTVP0900					

34	KUSD-DT	VERMILLION SD	70.7	PLN	DTVPLN	-
DTVP0955						
36	KHIN	RED OAK IA	158.2	LIC	BLET	-
19860923KP						
36	KSAXDR	ALEXANDRIA MN	372.2	LIC	BPRM	-
20010423AFQ						
36	KSAX	ALEXANDRIA MN	372.2	CP MOD	BMPCDT	-
20020605AAX						
36	KTTC-DT	ROCHESTER MN	346.8	PLN	DTVPLN	-
DTVP1021						
36	KTTC	ROCHESTER MN	342.0	CP MOD	BMPCDT	-
20060316AJH						
36	KCAZ-LP	COLUMBUS NE	150.5	CP	BPTTL	-
20040910AAC						
36	KHGI-DT	KEARNEY NE	286.4	PLN	DTVPLN	-
DTVP1026						
36	KWSD	SIOUX FALLS SD	115.4	LIC	BLCT	-
20001108ABE						
39	KMEG	SIOUX CITY IA	20.7	CP	BPCDT	-
19990415KE						
39	KMEG-DT	SIOUX CITY IA	10.8	PLN	DTVPLN	-
DTVP1087						
51	K54GK	SIOUX CITY IA	9.8	LIC	BLTTA	-
20010712ADU						
51	NEW	SIOUX CITY IA	7.5	APP	BNPTTL	-
20000831EKT						
51	K54GK	SIOUX CITY IA	9.8	LIC	BLTTL	-
20040422ABO						
51	KAUN-TV	SIOUX FALLS SD	115.4	LIC	BPRM	-
20000728AAA						
51	KWSD	SIOUX FALLS SD	115.4	LIC	BLCDDT	-
20060712ABB						
50	K50IO	NELIGH NE	140.4	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 4

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	K43FX	O'NEILL NE	BLTT	-20020327AAF

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
43	KRWF	REDWOOD FALLS MN	338.5	LIC	BLCT	-
19870424KH						
43	KPTM	OMAHA NE	250.4	LIC	BLCDDT	-
20051107AFO						
43	KPTM-DT	OMAHA NE	250.5	PLN	DTVPLN	-
DTVP1234						
43	KPTM	OMAHA NE	250.4	APP	BMPCDT	-
20040609AAB						
50	K50IO	NELIGH NE	66.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 5

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	K46EE	COLUMBUS, ETC. NE	BLTTL	-19950807JT

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
38	KXVO	OMAHA NE	67.5	CP MOD	BMPCDT	-
20040618AAW						
38	KXVO-DT	OMAHA NE	67.5	PLN	DTVPLN	-
DTVP1057						
39	KMEG	SIOUX CITY IA	144.4	CP	BPCDT	-
19990415KE						
39	KMEG-DT	SIOUX CITY IA	134.4	PLN	DTVPLN	-
DTVP1087						
43	KPTM	OMAHA NE	67.5	LIC	BLCDDT	-
20051107AFO						
43	KPTM-DT	OMAHA NE	67.5	PLN	DTVPLN	-
DTVP1234						
43	KPTM	OMAHA NE	67.5	APP	BMPCDT	-
20040609AAB						
45	951106KF	LINCOLN NE	66.0	APP	BPCT	-
19951106KF						
45	951107KG	LINCOLN NE	70.6	APP	BPCT	-
19951107KG						
45	951106KP	LINCOLN NE	71.7	APP	BPCT	-
19951106KP						
45	950630KE	LINCOLN NE	69.4	APP	BPCT	-
19950630KE						
45	KMTV-DT	OMAHA NE	74.3	PLN	DTVPLN	-
DTVP1308						
45	KMTV	OMAHA NE	74.3	CP	BPCDT	-
19991026ABT						
46	NEW	DERBY KS	391.1	APP	BNPCT	-
19960722AAA						
46	NEW	DERBY KS	392.6	LIC	BPRM	-
20000717ADE						
46	KAZJ-LP	NORFOLK NE	79.1	LIC	BLTTL	-
20050204ABA						
46	KDLT-TV	SIOUX FALLS SD	236.6	LIC	BLCT	-
20011120ABO						
49	NEW -DT	SIOUX CITY IA	144.5	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	144.4	CP	BPCDT	-
19991101AGW						
53	NEW	LINCOLN NE	69.4	APP	BPRM	-
20020705AAO						
50	K50IO	NELIGH NE	117.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	KAZJ-LP	NORFOLK NE	BLTTL	-20050204ABA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
38	KXVO	OMAHA NE	141.1	CP MOD	BMPCDT	-
20040618AAW						
38	KXVO-DT	OMAHA NE	141.2	PLN	DTVPLN	-
DTVP1057						
39	KMEG	SIOUX CITY IA	110.9	CP	BPCDT	-
19990415KE						
39	KMEG-DT	SIOUX CITY IA	101.0	PLN	DTVPLN	-
DTVP1087						
43	KPTM	OMAHA NE	141.1	LIC	BLCDT	-
20051107AFO						
43	KPTM-DT	OMAHA NE	141.2	PLN	DTVPLN	-
DTVP1234						
43	KPTM	OMAHA NE	141.1	APP	BMPCDT	-
20040609AAB						
44	KPTH	SIOUX CITY IA	110.9	LIC	BLCT	-
19991105AAH						
45	951106KF	LINCOLN NE	129.5	APP	BPCT	-
19951106KF						
46	K46EE	COLUMBUS, ETC. NE	79.1	LIC	BLTTL	-
19950807JT						
46	KDLT-TV	SIOUX FALLS SD	176.2	LIC	BLCT	-
20011120ABO						
48	960724KX	OMAHA NE	141.2	APP	BPET	-
19960724KX						
49	NEW -DT	SIOUX CITY IA	110.9	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	110.9	CP	BPCDT	-
19991101AGW						
53	NEW	LINCOLN NE	136.8	APP	BPRM	-
20020705AAO						
50	K50IO	NELIGH NE	56.8	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48FF	COLUMBUS, ETC NE	BLTTL	-19950807JU



# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
40	KUON-DT	LINCOLN NE	47.4	PLN	DTVPLN	-
DTVP1133						
41	KTIV	SIOUX CITY IA	144.4	CP	BPCDT	-
19991101AIH						
41	KTIV-DT	SIOUX CITY IA	144.0	PLN	DTVPLN	-
DTVP1158						
45	KMTV-DT	OMAHA NE	74.3	PLN	DTVPLN	-
DTVP1308						
45	KMTV	OMAHA NE	74.3	CP	BPCDT	-
19991026ABT						
48	KTCA-TV	TOPEKA KS	276.2	CP MOD	BMPCDT	-
20060518ACS						
48	KTCA-DT	TOPEKA KS	276.3	PLN	DTVPLN	-
DTVP1391						
48	K48CH	NORFOLK NE	80.7	LIC	BLTT	-
19880229IH						
48	960724KX	OMAHA NE	67.5	APP	BPET	-
19960724KX						
48	KOHA-LP	OMAHA NE	74.3	CP	BPTTL	-
20040114ACV						
63	K63FQ	COLUMBUS, ETC. NE	0.0	LIC	BLTTL	-
19950807JJ						
50	K50IO	NELIGH NE	117.7	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

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## Analysis of Interference to Affected Station 8

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
48	K48CH	NORFOLK NE	BLTT	-19880229IH

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
40	KUON-DT	LINCOLN NE	125.1	PLN	DTVPLN	-
DTVP1133						
41	KTIV	SIOUX CITY IA	112.2	CP	BPCDT	-
19991101AIH						
41	KTIV-DT	SIOUX CITY IA	111.5	PLN	DTVPLN	-
DTVP1158						
45	KMTV-DT	OMAHA NE	137.4	PLN	DTVPLN	-
DTVP1308						
45	KMTV	OMAHA NE	137.4	CP	BPCDT	-
19991026ABT						
48	KTCA-TV	TOPEKA KS	356.1	CP MOD	BMPCDT	-
20060518ACS						
48	KTCA-DT	TOPEKA KS	356.1	PLN	DTVPLN	-
DTVP1391						
48	K48FF	COLUMBUS, ETC NE	80.7	LIC	BLTTL	-

19950807JU						
48	960724KX	OMAHA NE	143.1	APP	BPET	-
19960724KX						
48	KOHA-LP	OMAHA NE	137.1	CP	BPTTL	-
20040114ACV						
49	NEW -DT	SIOUX CITY IA	112.2	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	112.2	CP	BPCDT	-
19991101AGW						
50	K50IO	NELIGH NE	54.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 9

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	KOAZ-LP	O'NEILL NE	BLTTL -20041015ACJ

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
48	960724KX	OMAHA NE	250.4	APP	BPET -
19960724KX					
50	K50IO	NELIGH NE	65.9	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 10

##### DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
49	NEW -DT	SIOUX CITY IA	DTVPLN -DTVP1418

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
49	KTKATV	TOPEKA KS	396.7	PLN	DTVPLN -
NPLN1753					

Results for: 49A IA SIOUX CITY DTVPLN DTVP1418 PLN

HAAT 610.0 m, ATV ERP 226.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	378946	30018.1
not affected by terrain losses	377921	29875.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0

lost to all IX 0 0.0

# NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
44	NEW	SIOUX CITY IA	DTVPLN -NPLN1659

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
41	KTIV-DT	SIOUX CITY IA	0.8	PLN	DTVPLN -
DTVP1158					
43	KPTM-DT	OMAHA NE	168.6	PLN	DTVPLN -
DTVP1234					
44	WIBW-DT	TOPEKA KS	398.5	PLN	DTVPLN -
DTVP1263					
44	KVBM-DT	MINNEAPOLIS MN	369.8	PLN	DTVPLN -
DTVP1271					
44	DNCE	CENTERVILLE IA	346.9	PLN	DTVPLN -
NPLN1674					
45	KMTV-DT	OMAHA NE	143.3	PLN	DTVPLN -
DTVP1308					
46	NEW	SIOUX FALLS SD	105.5	PLN	DTVPLN -
NPLN1709					
47	NEW -DT	SIOUX FALLS SD	105.5	PLN	DTVPLN -
DTVP1372					

Results for: 44N IA SIOUX CITY	DTVPLN	NPLN1659	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	378975	30027.9	
not affected by terrain losses	376268	29648.4	
lost to NTSC IX	8900	593.5	
lost to additional IX by ATV	40	9.9	
lost to all IX	8940	603.3	

# Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	KPTH	SIOUX CITY IA	BPCDT -19991101AGW

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
48	960724KX	OMAHA NE	168.5	APP	BPET -
19960724KX					
49	KTCA-TV	TOPEKA KS	396.6	LIC	BLCT -
20040629ACO					
50	K50IO	NELIGH NE	160.2	APP	USERRECORD-01
Proposal causes no interference					

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## Analysis of Interference to Affected Station 11

# Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	K49JY-D	LINCOLN NE	BDCCDTT -20061030ALQ

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
48	960724KX	OMAHA NE	45.0	APP	BPET	-
19960724KX						
49	NEW -DT	SIOUX CITY IA	196.5	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	196.4	CP	BPCDT	-
19991101AGW						
49	KTCA-TV	TOPEKA KS	213.1	LIC	BLCT	-
20040629ACO						
50	K50IO	NELIGH NE	173.9	APP	USERRECORD-01	
Proposal causes no interference						

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# Analysis of Interference to Affected Station 12

## DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
50	KDIN-DT	DES MOINES IA	DTVPLN	-DTVP1445

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
50	KSTP-DT	ST. PAUL MN	363.6	PLN	DTVPLN	-
DTVP1450						
50	KYFC	KANSAS CITY MO	319.0	PLN	DTVPLN	-
NPLN1776						
50	DNCE	BOWLING GREEN MO	341.6	PLN	DTVPLN	-
NPLN1786						
50	WISC-DT	MADISON WI	362.2	PLN	DTVPLN	-
DTVP1466						
51	KGAN-DT	CEDAR RAPIDS IA	152.5	PLN	DTVPLN	-
DTVP1477						

Results for: 50A IA DES MOINES      DTVPLN      DTVP1445      PLN  
 HAAT 600.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	999783	45074.7
not affected by terrain losses	997116	44708.0
lost to NTSC IX	438	133.0
lost to additional IX by ATV	13080	1348.4
lost to ATV IX only	13091	1355.2
lost to all IX	13518	1481.3

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
11	KDINTV	DES MOINES IA	DTVPLN	-NPLN0710

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
10	KTTC	ROCHESTER MN	218.5	PLN	DTVPLN	-
NPLN0660						

11	KTWU	TOPEKA KS	355.1	PLN	DTVPLN	-
NPLN0714						
11	KARE	MINNEAPOLIS MN	363.6	PLN	DTVPLN	-
NPLN0720						
11	KELOTV	SIOUX FALLS SD	305.0	PLN	DTVPLN	-
NPLN0740						
11	WMSN-DT	MADISON WI	362.2	PLN	DTVPLN	-
DTVP0092						
12	KIINTV	IOWA CITY IA	188.7	PLN	DTVPLN	-
NPLN0762						

Results for: 11N IA DES MOINES	DTVPLN	NPLN0710	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	999783	45074.7	
not affected by terrain losses	988668	42976.4	
lost to NTSC IX	40201	4536.9	
lost to additional IX by ATV	0	0.0	
lost to all IX	40201	4536.9	

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	KDIN-TV	DES MOINES IA	BLEDT -20050218ABR

#### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
50	KSTP-DT	ST. PAUL MN	361.4	PLN	DTVPLN -
DTVP1450					
50	KPXE	KANSAS CITY MO	321.2	LIC	BLCT -
20060517AAX					
50	WISC-DT	MADISON WI	361.3	PLN	DTVPLN -
DTVP1466					
50	WISC-TV	MADISON WI	361.3	CP	BPCDT -
19991027ABG					
51	KGAN-DT	CEDAR RAPIDS IA	151.8	PLN	DTVPLN -
DTVP1477					
51	KGAN	CEDAR RAPIDS IA	154.7	CP MOD	BMPCDT -
20020911AAM					
50	K50IO	NELIGH NE	365.6	APP	USERRECORD-01
Proposal causes no interference					

#####

#### Analysis of Interference to Affected Station 13

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50KJ-D	SIOUX CITY IA	BDCCDTL -20061030ACG

#### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
49	NEW -DT	SIOUX CITY IA	12.5	PLN	DTVPLN -
DTVP1418					
49	KPTH	SIOUX CITY IA	12.4	CP	BPCDT -
19991101AGW					

50	KDIN-DT	DES MOINES IA	234.4	PLN	DTVPLN	-
DTVP1445						
50	KSTP-DT	ST. PAUL MN	382.2	PLN	DTVPLN	-
DTVP1450						
51	K54GK	SIOUX CITY IA	0.1	LIC	BLTTA	-
20010712ADU						
51	NEW	SIOUX CITY IA	12.6	APP	BNPTTL	-
20000831EKT						
51	K54GK	SIOUX CITY IA	0.1	LIC	BLTTTL	-
20040422ABO						
51	KAUN-TV	SIOUX FALLS SD	114.5	LIC	BPRM	-
20000728AAA						
51	KWSD	SIOUX FALLS SD	114.5	LIC	BLCDT	-
20060712ABB						
50	K50IO	NELIGH NE	150.2	APP	USERRECORD-01	
Proposal causes no interference						

#####

#### Analysis of Interference to Affected Station 14

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	NEW	CONCORDIA KS	BNPTTL	-20000830AXP

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
50	KPXE	KANSAS CITY MO	286.2	LIC	BLCT	-
20060517AAX						
53	NEW	LINCOLN NE	110.3	APP	BPRM	-
20020705AAO						
50	K50IO	NELIGH NE	242.7	APP	USERRECORD-01	
Proposal causes no interference						

#####

#### Analysis of Interference to Affected Station 15

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50KD-D	FROST MN	BDCCDTL	-20061020AAK

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
49	K49JG	FROST MN	0.0	LIC	BLTTTL	-
20070316AAN						
50	KDIN-DT	DES MOINES IA	199.1	PLN	DTVPLN	-
DTVP1445						
50	KSTP-DT	ST. PAUL MN	175.7	PLN	DTVPLN	-
DTVP1450						
50	WISC-DT	MADISON WI	360.2	PLN	DTVPLN	-
DTVP1466						

50	WISC-TV	MADISON WI	360.2	CP	BPCDT	-
19991027ABG						
51	K65FW	FROST MN	0.0	CP	BDISTTL	-
20060720ACO						
50	K50IO	NELIGH NE	375.4	APP	USERRECORD-01	
Proposal causes no interference						

#####

#### Analysis of Interference to Affected Station 16

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	NEW	GRANITE FALLS MN	BSFDTL -20060630BXI

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
49	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL -
20060630BXO					
50	KDIN-DT	DES MOINES IA	368.9	PLN	DTVPLN -
DTVP1445					
50	K50KF	REDWOOD FALLS MN	56.2	APP	BSTA -
20060707AFF					
50	K50KF	REDWOOD FALLS MN	56.2	LIC	BLTT -
20070227ACU					
50	KSTP-DT	ST. PAUL MN	194.2	PLN	DTVPLN -
DTVP1450					
50	K50HZ	WILLMAR MN	58.3	LIC	BLTT -
20040901ACT					
50	K50IO	NELIGH NE	364.8	APP	USERRECORD-01
Proposal causes no interference					

#####

#### Analysis of Interference to Affected Station 17

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K61GE	JACKSON MN	BDISTTL -20060720ACY

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
43	KRWF	REDWOOD FALLS MN	105.7	LIC	BLCT -
19870424KH					
47	NEW -DT	SIOUX FALLS SD	126.4	PLN	DTVPLN -
DTVP1372					
47	KDLT-TV	SIOUX FALLS SD	126.4	LIC	BLCDT -
20050829AAT					
49	K49JU-D	JACKSON MN	0.0	CP	BDCCDTL -
20061020AAZ					
50	KDIN-DT	DES MOINES IA	229.0	PLN	DTVPLN -
DTVP1445					

50	K50KF	REDWOOD FALLS MN	105.2	APP	BSTA	-
20060707AFF						
50	K50KF	REDWOOD FALLS MN	105.2	LIC	BLTT	-
20070227ACU						
50	K50AB	ST. JAMES MN	64.3	LIC	BLTTTL	-
19970522JF						
50	KSTP-DT	ST. PAUL MN	219.1	PLN	DTVPLN	-
DTVP1450						
51	K51EN	JACKSON MN	0.0	LIC	BLTTTL	-
19950314IN						
51	KAUN-TV	SIOUX FALLS SD	127.7	LIC	BPRM	-
20000728AAA						
51	KWSD	SIOUX FALLS SD	127.7	LIC	BLCDT	-
20060712ABB						
50	K50IO	NELIGH NE	302.0	APP	USERRECORD-01	
Proposal causes no interference						

#####

#### Analysis of Interference to Affected Station 18

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50KF	REDWOOD FALLS MN	BSTA	-20060707AFF

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
43	KRWF	REDWOOD FALLS MN	42.2	LIC	BLCT	-
19870424KH						
49	K49AJ	OLIVIA MN	24.4	LIC	BLTT	-
19820208IK						
50	KDIN-DT	DES MOINES IA	323.7	PLN	DTVPLN	-
DTVP1445						
50	K50DB	ALEXANDRIA MN	158.3	LIC	BLTTTL	-
19930427JD						
50	NEW	GRANITE FALLS MN	56.2	APP	BSFDTL	-
20060630BXI						
50	K61GE	JACKSON MN	105.2	CP	BDISTTL	-
20060720ACY						
50	K50AB	ST. JAMES MN	57.2	LIC	BLTTTL	-
19970522JF						
50	KSTP-DT	ST. PAUL MN	155.0	PLN	DTVPLN	-
DTVP1450						
50	K50HZ	WILLMAR MN	68.8	LIC	BLTT	-
20040901ACT						
51	K51AL	OLIVIA MN	24.4	LIC	BLTT	-
19820208IL						
50	K50IO	NELIGH NE	372.5	APP	USERRECORD-01	
Proposal causes no interference						

#####

#### Analysis of Interference to Affected Station 19



## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50KF	REDWOOD FALLS MN	BLTT	-20070227ACU

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
43	KRWF	REDWOOD FALLS MN	42.2	LIC	BLCT	-
19870424KH						
50	KDIN-DT	DES MOINES IA	323.7	PLN	DTVPLN	-
DTVP1445						
50	K61GE	JACKSON MN	105.2	CP	BDISTTL	-
20060720ACY						
50	K50AB	ST. JAMES MN	57.2	LIC	BLTTL	-
19970522JF						
50	KSTP-DT	ST. PAUL MN	155.0	PLN	DTVPLN	-
DTVP1450						
50	K50HZ	WILLMAR MN	68.8	LIC	BLTT	-
20040901ACT						
50	K50IO	NELIGH NE	372.5	APP	USERRECORD-01	
Proposal causes no interference						

#####

## Analysis of Interference to Affected Station 20

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50AB	ST. JAMES MN	BLTTL	-19970522JF

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
43	KRWF	REDWOOD FALLS MN	82.4	LIC	BLCT	-
19870424KH						
49	K49HE	ST. JAMES MN	0.3	LIC	BLTTL	-
20051006ABC						
50	KDIN-DT	DES MOINES IA	267.7	PLN	DTVPLN	-
DTVP1445						
50	K61GE	JACKSON MN	64.3	CP	BDISTTL	-
20060720ACY						
50	K50KF	REDWOOD FALLS MN	57.2	APP	BSTA	-
20060707AFF						
50	K50KF	REDWOOD FALLS MN	57.2	LIC	BLTT	-
20070227ACU						
50	KSTP-DT	ST. PAUL MN	156.9	PLN	DTVPLN	-
DTVP1450						
51	K52AB	ST. JAMES MN	0.0	CP	BDISTTL	-
20060720ACR						
50	K50IO	NELIGH NE	360.6	APP	USERRECORD-01	
Proposal causes no interference						

#####

## Analysis of Interference to Affected Station 21

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50KI-D	BEATRICE NE	BDCCDTT -20061030ALE

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
50	KDIN-DT	DES MOINES IA	315.7	PLN	DTVPLN -
DTVP1445					
50	KPXE	KANSAS CITY MO	237.6	LIC	BLCT -
20060517AAX					
51	KCWL-TV	LINCOLN NE	66.0	LIC	BLCT -
20060626ACQ					
50	K50IO	NELIGH NE	224.1	APP	USERRECORD-01
Proposal causes no interference					

#####

## Analysis of Interference to Affected Station 22

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50EG	COLUMBUS, ETC. NE	BLTTTL -19950807JV

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
43	KPTM	OMAHA NE	67.5	LIC	BLCDDT -
20051107AFO					
43	KPTM-DT	OMAHA NE	67.5	PLN	DTVPLN -
DTVP1234					
43	KPTM	OMAHA NE	67.5	APP	BMPCDDT -
20040609AAB					
50	KDIN-DT	DES MOINES IA	277.8	PLN	DTVPLN -
DTVP1445					
50	NEW	CONCORDIA KS	179.6	APP	BNPTTL -
20000830AXP					
50	KPXE	KANSAS CITY MO	332.9	LIC	BLCT -
20060517AAX					
50	K50IO	NELIGH NE	117.7	LIC	BLTT -
20061006ACF					
51	KCWL-TV	LINCOLN NE	63.1	LIC	BLCT -
20060626ACQ					
53	NEW	LINCOLN NE	69.4	APP	BPRM -
20020705AAO					
50	K50IO	NELIGH NE	117.7	APP	USERRECORD-01
Proposal causes no interference					

#####

## Analysis of Interference to Affected Station 23

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50JI	NORTH PLATTE NE	BNPTTL -20000807ADQ

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
49	K49JK-D	NORTH PLATTE NE	6.7	CP	BDCCDTL -
20061003AES					
50	K50IO	NELIGH NE	248.7	APP	USERRECORD-01
Proposal causes no interference					

#####

## Analysis of Interference to Affected Station 24

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50DG	BROOKINGS SD	BLTTTL -19980622JG

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
43	KRWF	REDWOOD FALLS MN	103.4	LIC	BLCT -
19870424KH					
47	NEW -DT	SIOUX FALLS SD	90.1	PLN	DTVPLN -
DTVP1372					
47	KDLT-TV	SIOUX FALLS SD	90.0	LIC	BLCDT -
20050829AAT					
50	KDIN-DT	DES MOINES IA	377.1	PLN	DTVPLN -
DTVP1445					
50	NEW	GRANITE FALLS MN	109.4	APP	BSFDTL -
20060630BXI					
50	K50KF	REDWOOD FALLS MN	145.5	APP	BSTA -
20060707AFF					
50	KSTP-DT	ST. PAUL MN	298.9	PLN	DTVPLN -
DTVP1450					
51	KAUN-TV	SIOUX FALLS SD	89.8	LIC	BPRM -
20000728AAA					
51	KWSD	SIOUX FALLS SD	89.8	LIC	BLCDT -
20060712ABB					
50	K50IO	NELIGH NE	270.7	APP	USERRECORD-01
Proposal causes no interference					

#####

## Analysis of Interference to Affected Station 25

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	K54GK	SIOUX CITY IA	BLTTA -20010712ADU

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
44	KPTH	SIOUX CITY IA	12.4	LIC	BLCT	-
19991105AAH						
47	NEW -DT	SIOUX FALLS SD	114.2	PLN	DTVPLN	-
DTVP1372						
47	KDLT-TV	SIOUX FALLS SD	114.2	LIC	BLCDDT	-
20050829AAT						
49	NEW -DT	SIOUX CITY IA	12.4	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	12.4	CP	BPCDDT	-
19991101AGW						
50	K50KJ-D	SIOUX CITY IA	0.1	CP	BDCCDDL	-
20061030ACG						
51	KGAN-DT	CEDAR RAPIDS IA	363.4	PLN	DTVPLN	-
DTVP1477						
51	KGAN	CEDAR RAPIDS IA	365.5	CP MOD	BMPCDDT	-
20020911AAM						
51	NEW	SIOUX CITY IA	12.6	APP	BNPTTL	-
20000831EKT						
51	KCWL-TV	LINCOLN NE	185.0	LIC	BLCT	-
20060626ACQ						
51	KAUN-TV	SIOUX FALLS SD	114.4	LIC	BPRM	-
20000728AAA						
51	KWSD	SIOUX FALLS SD	114.4	LIC	BLCDDT	-
20060712ABB						
52	NEW	SERGEANT BLUFF IA	0.4	APP	BNPTTL	-
20000831APK						
52	NEW	SIOUX CITY IA	12.7	APP	BNPTTL	-
20000831BNK						
50	K50IO	NELIGH NE	150.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 26

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	NEW	SIOUX CITY IA	BNPTTL	-20000831EKT

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
44	KPTH	SIOUX CITY IA	19.2	LIC	BLCT	-
19991105AAH						
47	NEW -DT	SIOUX FALLS SD	107.8	PLN	DTVPLN	-
DTVP1372						
47	KDLT-TV	SIOUX FALLS SD	107.9	LIC	BLCDDT	-
20050829AAT						
49	NEW -DT	SIOUX CITY IA	19.2	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	19.2	CP	BPCDDT	-
19991101AGW						
50	K50KJ-D	SIOUX CITY IA	12.6	CP	BDCCDDL	-

20061030ACG							
51	KGAN-DT	CEDAR RAPIDS IA	375.2	PLN	DTVPLN	-	
DTVP1477							
51	KGAN	CEDAR RAPIDS IA	377.2	CP MOD	BMPCDT	-	
20020911AAM							
51	K54GK	SIOUX CITY IA	12.6	LIC	BLTTA	-	
20010712ADU							
51	K54GK	SIOUX CITY IA	12.6	LIC	BLTTL	-	
20040422ABO							
51	KCWL-TV	LINCOLN NE	188.3	LIC	BLCT	-	
20060626ACQ							
51	KAUN-TV	SIOUX FALLS SD	108.0	LIC	BPRM	-	
20000728AAA							
51	KWSD	SIOUX FALLS SD	108.0	LIC	BLCDT	-	
20060712ABB							
52	NEW	SERGEANT BLUFF IA	12.7	APP	BNPTTL	-	
20000831APK							
52	NEW	SIOUX CITY IA	0.2	APP	BNPTTL	-	
20000831BNK							
50	K50IO	NELIGH NE	141.0	APP	USERRECORD-01		

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 27

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	K54GK	SIOUX CITY IA	BLTTL	-20040422ABO

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
44	KPTH	SIOUX CITY IA	12.4	LIC	BLCT	-
19991105AAH						
47	NEW -DT	SIOUX FALLS SD	114.2	PLN	DTVPLN	-
DTVP1372						
47	KDLT-TV	SIOUX FALLS SD	114.2	LIC	BLCDT	-
20050829AAT						
49	NEW -DT	SIOUX CITY IA	12.4	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	12.4	CP	BPCDT	-
19991101AGW						
50	K50KJ-D	SIOUX CITY IA	0.1	CP	BDCCDTL	-
20061030ACG						
51	KGAN-DT	CEDAR RAPIDS IA	363.4	PLN	DTVPLN	-
DTVP1477						
51	KGAN	CEDAR RAPIDS IA	365.5	CP MOD	BMPCDT	-
20020911AAM						
51	NEW	SIOUX CITY IA	12.6	APP	BNPTTL	-
20000831EKT						
51	KCWL-TV	LINCOLN NE	185.0	LIC	BLCT	-
20060626ACQ						
51	KAUN-TV	SIOUX FALLS SD	114.4	LIC	BPRM	-
20000728AAA						

51	KWSD	SIOUX FALLS SD	114.4	LIC	BLCDDT	-
20060712ABB						
52	NEW	SERGEANT BLUFF IA	0.4	APP	BNPTTL	-
20000831APK						
52	NEW	SIOUX CITY IA	12.7	APP	BNPTTL	-
20000831BNK						
50	K50IO	NELIGH NE	150.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 28

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	KCWL-TV	LINCOLN NE	BLCT	-20060626ACQ

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
43	KPTM	OMAHA NE	44.9	LIC	BLCDDT	-
20051107AFO						
43	KPTM-DT	OMAHA NE	45.0	PLN	DTVPLN	-
DTVP1234						
43	KPTM	OMAHA NE	44.9	APP	BMPCDDT	-
20040609AAB						
44	KPTH	SIOUX CITY IA	196.4	LIC	BLCT	-
19991105AAH						
48	960724KX	OMAHA NE	45.0	APP	BPET	-
19960724KX						
51	KPXE	KANSAS CITY MO	274.5	LIC	BMLCDDT	-
20041112AAI						
51	KYFC-DT	KANSAS CITY MO	274.5	PLN	DTVPLN	-
DTVP1482						
51	KAUN-TV	SIOUX FALLS SD	295.0	LIC	BPRM	-
20000728AAA						
51	KWSD	SIOUX FALLS SD	295.0	LIC	BLCDDT	-
20060712ABB						
53	NEW	LINCOLN NE	42.8	APP	BPRM	-
20020705AAO						
50	K50IO	NELIGH NE	173.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 29

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	K51CC	O'NEILL NE	BLTT	-19880204IR

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
51	K54GK	SIOUX CITY IA	188.8	LIC	BLTTA	-
20010712ADU						
51	K54GK	SIOUX CITY IA	188.8	LIC	BLTTL	-
20040422ABO						
51	KCWL-TV	LINCOLN NE	238.6	LIC	BLCT	-
20060626ACQ						
51	KAUN-TV	SIOUX FALLS SD	203.3	LIC	BPRM	-
20000728AAA						
51	KWSD	SIOUX FALLS SD	203.3	LIC	BLCDT	-
20060712ABB						
50	K50IO	NELIGH NE	65.0	APP	USERRECORD-01	
Proposal causes no interference						

#####

# Analysis of Interference to Affected Station 30

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	K51CC	O'NEILL NE	BDFCDTT	-20060331AJI

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
51	KCWL-TV	LINCOLN NE	238.6	LIC	BLCT	-
20060626ACQ						
51	KAUN-TV	SIOUX FALLS SD	203.3	LIC	BPRM	-
20000728AAA						
51	KWSD	SIOUX FALLS SD	203.3	LIC	BLCDT	-
20060712ABB						
50	K50IO	NELIGH NE	65.0	APP	USERRECORD-01	
Proposal causes no interference						

#####

# Analysis of Interference to Affected Station 31

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	KAUN-TV	SIOUX FALLS SD	BPRM	-20000728AAA

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
51	KGAN-DT	CEDAR RAPIDS IA	404.5	PLN	DTVPLN	-
DTVP1477						
51	KGAN	CEDAR RAPIDS IA	405.8	CP MOD	BMPCDT	-
20020911AAM						
51	KCWL-TV	LINCOLN NE	295.0	LIC	BLCT	-
20060626ACQ						

50 K50IO NELIGH NE 201.1 APP USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 32

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	KWSD	SIOUX FALLS SD	BLCDT	-20060712ABB

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
51	KGAN-DT	CEDAR RAPIDS IA	404.5	PLN	DTVPLN	-
DTVP1477						
51	KGAN	CEDAR RAPIDS IA	405.8	CP MOD	BMPCDT	-
20020911AAM						
51	KCWL-TV	LINCOLN NE	295.0	LIC	BLCT	-
20060626ACQ						
50	K50IO	NELIGH NE	201.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 33

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	K56GF	SIOUX FALLS SD	BLTT	-19930528JE

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
44	KPTH	SIOUX CITY IA	113.9	LIC	BLCT	-
19991105AAH						
47	NEW -DT	SIOUX FALLS SD	11.7	PLN	DTVPLN	-
DTVP1372						
47	KDLT-TV	SIOUX FALLS SD	11.7	LIC	BLCDT	-
20050829AAT						
49	NEW -DT	SIOUX CITY IA	113.7	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	113.9	CP	BPCDT	-
19991101AGW						
51	KCWL-TV	LINCOLN NE	300.2	LIC	BLCT	-
20060626ACQ						
51	KAUN-TV	SIOUX FALLS SD	10.6	LIC	BPRM	-
20000728AAA						
51	KWSD	SIOUX FALLS SD	10.6	LIC	BLCDT	-
20060712ABB						



50 K50IO NELIGH NE 200.3 APP USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application Ref. No.
52	NEW	SIOUX CITY IA	BNPTTL -20000831BNK

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
45	KMTV-DT	OMAHA NE	141.2	PLN	DTVPLN -
DTVP1308					
45	KMTV	OMAHA NE	141.2	CP	BPCDT -
19991026ABT					
49	NEW -DT	SIOUX CITY IA	19.4	PLN	DTVPLN -
DTVP1418					
49	KPTH	SIOUX CITY IA	19.4	CP	BPCDT -
19991101AGW					
51	K54GK	SIOUX CITY IA	12.7	LIC	BLTTA -
20010712ADU					
51	NEW	SIOUX CITY IA	0.2	APP	BNPTTL -
20000831EKT					
51	K54GK	SIOUX CITY IA	12.7	LIC	BLTTTL -
20040422ABO					
51	KAUN-TV	SIOUX FALLS SD	108.0	LIC	BPRM -
20000728AAA					
51	KWSD	SIOUX FALLS SD	108.0	LIC	BLCDDT -
20060712ABB					
52	KCRG-DT	CEDAR RAPIDS IA	377.4	PLN	DTVPLN -
DTVP1506					
52	K52GP	COUNCIL BLUFFS IA	151.4	LIC	BLTTTL -
20030606AAB					
52	NEW	SERGEANT BLUFF IA	12.9	APP	BNPTTL -
20000831APK					
52	WTWB-LP	SPENCER IA	144.1	LIC	BLTTTL -
20070313ABA					
50	K50IO	NELIGH NE	140.9	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 35

Analysis of current record

Channel	Call	City/State	Application Ref. No.
52	K52JH	BASSETT NE	BNPTTL -20000831BOZ

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
50	K50IO	NELIGH NE	124.2	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 36

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
52	K52EX	COLUMBUS-FREMONT NE	BLTTL -19950807JG

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
45	951106KF	LINCOLN NE	66.0	APP	BPCT -
19951106KF					
45	951107KG	LINCOLN NE	70.6	APP	BPCT -
19951107KG					
45	951106KP	LINCOLN NE	71.7	APP	BPCT -
19951106KP					
45	950630KE	LINCOLN NE	69.4	APP	BPCT -
19950630KE					
45	KMTV-DT	OMAHA NE	74.3	PLN	DTVPLN -
DTVP1308					
45	KMTV	OMAHA NE	74.3	CP	BPCDT -
19991026ABT					
49	NEW -DT	SIOUX CITY IA	144.5	PLN	DTVPLN -
DTVP1418					
49	KPTH	SIOUX CITY IA	144.4	CP	BPCDT -
19991101AGW					
51	KCWL-TV	LINCOLN NE	63.1	LIC	BLCT -
20060626ACQ					
52	K52GP	COUNCIL BLUFFS IA	91.0	LIC	BLTTL -
20030606AAB					
52	NEW	SERGEANT BLUFF IA	131.9	APP	BNPTTL -
20000831APK					
53	NEW	LINCOLN NE	69.4	APP	BPRM -
20020705AAO					
50	K50IO	NELIGH NE	117.7	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 37

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
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53 K53GC NELIGH NE BLTT -20020409AAB

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
53	KQTV	ST. JOSEPH MO	370.9	CP MOD	BMPCDT	-
20040312ADV						
53	KQTV-DT	ST. JOSEPH MO	370.9	PLN	DTVPLN	-
DTVP1531						
53	NEW	LINCOLN NE	155.1	APP	BPRM	-
20020705AAO						
53	K53IT	ORCHARD NE	34.6	CP	BNPTTL	-
20000831BEP						
50	K50IO	NELIGH NE	0.0	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 38

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
53	K53IT	ORCHARD NE	BNPTTL	-20000831BEP

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
53	NEW	LINCOLN NE	189.6	APP	BPRM	-
20020705AAO						
53	K53GC	NELIGH NE	34.6	LIC	BLTT	-
20020409AAB						
50	K50IO	NELIGH NE	34.6	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 39

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
54	K54EU	COLUMBUS-FREMONT NE	BLTTTL	-19950804JH

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
53	NEW	LINCOLN NE	69.4	APP	BPRM	-
20020705AAO						
54	K54GL	COUNCIL BLUFFS IA	91.0	LIC	BLTTTL	-
20030605AAA						
50	K50IO	NELIGH NE	117.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 40

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
57	KCAZ-LP	COLUMBUS NE	BLTTTL	-19990713JC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
53	NEW	LINCOLN NE	57.7	APP	BPRM	-
20020705AAO						
57	KPTP-LP	NORFOLK NE	80.2	LIC	BLTTTL	-
20050610AEL						
57	KAZO-LP	OMAHA NE	114.1	LIC	BLTTTL	-
20040603ABV						
50	K50IO	NELIGH NE	99.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 41

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
57	KPTP-LP	NORFOLK NE	BLTTTL	-20050610AEL

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
49	NEW -DT	SIOUX CITY IA	110.9	PLN	DTVPLN	-
DTVP1418						
49	KPTH	SIOUX CITY IA	110.9	CP	BPCDT	-
19991101AGW						
53	NEW	LINCOLN NE	136.8	APP	BPRM	-
20020705AAO						
57	KCAZ-LP	COLUMBUS NE	80.2	LIC	BLTTTL	-
19990713JC						
57	K57BX	LAKE ANDES SD	149.6	LIC	BLTT	-
19920331JH						
50	K50IO	NELIGH NE	56.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 42

# Analysis of current record

Channel	Call	City/State	Application Ref. No.
57	K57BX	LAKE ANDES SD	BLTT -19920331JH

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
57	KPTP-LP	NORFOLK NE	149.6	LIC	BLTTL -
20050610AEL					
50	K50IO	NELIGH NE	121.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 43

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50IO	NELIGH NE	USERRECORD-01

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
50	KDIN-DT	DES MOINES IA	365.9	PLN	DTVPLN -
DTVP1445					

Total scenarios = 1

Result key: 1  
Scenario 1 Affected station 43  
Before Analysis

Results for: 50A NE NELIGH USERRECORD01 APP

HAAT 134.0 m, ATV ERP 0.3 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	6730	1610.2
not affected by terrain losses	6730	1610.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

\*Percent Service lost without proposal: 0.0 to USERRECORD01  
\*Percent Service lost with proposal: 0.0 to USERRECORD01

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