

Census data selected: 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-27-2009 Time: 11:52:18

Record Selected for Analysis

FR29D USERRECORD-01 FROST2 MN US  
Channel 29 ERP 3.1 kW HAAT 86. m RCAMSL 00433 m STRINGENT MASK  
Latitude 043-35-09 Longitude 0093-55-46  
Status APP Zone 2 Border  
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	3.100	96.2	34.4
45.0	3.100	87.1	33.3
90.0	3.100	77.5	32.0
135.0	3.100	67.3	30.5
180.0	3.100	77.1	31.9
225.0	3.100	86.4	33.2
270.0	3.100	97.3	34.5
315.0	3.100	96.2	34.4

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet 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
29	FR29D	FROST2 MN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14KD	FROST MN	0.0	LIC	BLTT	-20020614AAQ
14	K14KE	ST. JAMES MN	79.0	LIC	BLTT	-20020614AAX
14	K14KE	ST. JAMES MN	79.0	CP	BPTTL	-20080602AHF
15	KSMQ-TV	AUSTIN MN	75.2	LIC	BMLET	-20041214ADY
21	KTIN	FORT DODGE IA	93.9	LIC	BLET	-19860923KN
21	KTIN	FORT DODGE IA	93.9	CP	BPET	-20060911AAH
21	K21DG	ST. JAMES MN	79.0	LIC	BLTTL	-19970507JR
21	K21DG	ST. JAMES MN	79.0	CP	BPTTL	-20080602AHI
22	K22HJ	WORTHINGTON MN	141.7	LIC	BLTT	-20040730AGU
25	K25II	REDWOOD FALLS MN	135.8	LIC	BLTT	-20050128ARO
26	K53HR	JACKSON MN	85.6	CP	BDISTTL	-20060912AEP
26	K26CS	ST. JAMES MN	79.0	CP	BPTTL	-20080602AHK
26	K26CS	ST. JAMES MN	79.0	LIC	BLTT	-20050908ACF
27	K27FI	FROST MN	0.0	LIC	BLTTL	-19950314IJ
28	DK28AE	FAIRMONT MN	46.8	LIC	BLTTL	-19831014IA
28	K67AN	GRANITE FALLS MN	188.8	CP	BDISTTL	-20060720ADC
28	KHVM-LD	MANKATO MN	101.1	LIC	BLDTL	-20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	175.3	CP MOD	BMPDTL	-20090430ABW
28	K28IF	WILLMAR MN	196.7	LIC	BLTTL	-20051130AFL
29	K61HD	DAVENPORT IA	362.3	CP	BDISDTT	-20060328ACJ
29	K29EA	DES MOINES IA	215.4	LIC	BLTTL	-20011217ADD
29	KFPX	NEWTON IA	205.1	APP	BPRM	-20040322AHK
29	K29HU-D	GRANITE FALLS MN	188.8	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	175.7	LIC	BLCT	-19910823KG
29	K29IE-D	ST. JAMES MN	79.0	LIC	BLDTL	-20080528AAZ
29	K29GL	LINCOLN NE	387.0	LIC	BLTT	-20060106ADI
29	K29GL	LINCOLN NE	387.0	CP	BDFCDTT	-20060330ACT
29	KSFY-TV	SIOUX FALLS SD	210.0	LIC	BLCDT	-20030404AAM
29	W65EE	JANESVILLE WI	400.2	CP	BPTT	-20031218AAS
30	K30JL-D	GRANITE FALLS MN	188.8	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	163.1	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	197.3	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	78.8	CP	BPTTL	-20080604AAR
30	K30FN	ST. JAMES MN	78.8	LIC	BLTT	-19991102AAS
30	K30FZ	WILLMAR MN	196.7	LIC	BLTT	-20000920ADB
31	K31EF	FROST MN	0.0	LIC	BLTTL	-19950314IG
33	K33AB	SIBLEY, ETC. IA	141.9	LIC	BLTT	-19790731IA
33	K33AB	SIBLEY, ETC. IA	141.9	CP	BPTT	-20060322ACK
36	K36FI	FROST MN	0.0	LIC	BLTTL	-20020426AAV

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# Analysis of Interference to Affected Station 1

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	K14KD	FROST MN	BLTT -20020614AAQ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14AF	DECORAH IA	176.9	LIC	BLTT -19840126IB
14	KYOU-DT	OTTUMWA IA	311.3	PLN	DTVPLN -DTVP0127
14	KSAX-DT	ALEXANDRIA MN	254.8	PLN	DTVPLN -DTVP0135
14	K14KH	MINNEAPOLIS MN	163.1	LIC	BLTTA -20040722ABJ
14	K57AE	OLIVIA MN	150.6	APP	BDISDTT -20090504ABV
14	K14MI-D	NIOBRARA NE	345.5	LIC	BLDDTT -20081119AMB
14	WXOW-DT	LA CROSSE WI	207.3	PLN	DTVPLN -DTVP0155
15	KSMQ-TV	AUSTIN MN	75.2	LIC	BMLET -20041214ADY
18	KYIN-DT	MASON CITY IA	91.6	PLN	DTVPLN -DTVP0302
18	KYIN	MASON CITY IA	99.2	LIC	BLEDT -20070924AFU
29	K29IE-D	ST. JAMES MN	79.0	LIC	BLDTL -20080528AAZ
29	FR29D	FROST2 MN	0.0	APP	USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 2

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
14	K14KE	ST. JAMES MN	BLTT -20020614AAX

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KYOU-DT	OTTUMWA IA	389.2	PLN	DTVPLN -DTVP0127
14	KSAX-DT	ALEXANDRIA MN	182.7	PLN	DTVPLN -DTVP0135
14	K61AU	GRANITE FALLS MN	109.8	CP	BDISTTL -20060720ADG
14	K14KH	MINNEAPOLIS MN	142.7	LIC	BLTTA -20040722ABJ
14	K57AE	OLIVIA MN	75.6	APP	BDISDTT -20090504ABV
14	K14MI-D	NIOBRARA NE	315.9	LIC	BLDDTT -20081119AMB
14	WXOW-DT	LA CROSSE WI	260.7	PLN	DTVPLN -DTVP0155
15	KSMN	WORTHINGTON MN	110.3	LIC	BLEDT -20051219AGX
15	KSMN-DT	WORTHINGTON MN	110.3	PLN	DTVPLN -DTVP0173
29	K29HU-D	GRANITE FALLS MN	109.8	CP	BDCCDTL -20061019ABE
29	K29IE-D	ST. JAMES MN	0.0	LIC	BLDTL -20080528AAZ
29	FR29D	FROST2 MN	79.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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# Analysis of Interference to Affected Station 3

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K14KE	ST. JAMES MN	BPTTL	-20080602AHF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KYOU-DT	OTTUMWA IA	389.2	PLN	DTVPLN	-DTVP0127
14	KSAX-DT	ALEXANDRIA MN	182.7	PLN	DTVPLN	-DTVP0135
14	K61AU	GRANITE FALLS MN	109.8	CP	BDISTTL	-20060720ADG
14	K14KH	MINNEAPOLIS MN	142.7	LIC	BLTTA	-20040722ABJ
14	K57AE	OLIVIA MN	75.6	APP	BDISDTT	-20090504ABV
14	K14MI-D	NIOBRARA NE	315.9	LIC	BLDTT	-20081119AMB
14	WXOW-DT	LA CROSSE WI	260.7	PLN	DTVPLN	-DTVP0155
15	KSMN	WORTHINGTON MN	110.3	LIC	BLEDT	-20051219AGX
15	KSMN-DT	WORTHINGTON MN	110.3	PLN	DTVPLN	-DTVP0173
29	K29HU-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	0.0	LIC	BLDTL	-20080528AAZ
29	FR29D	FROST2 MN	79.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 4

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
15	KSMQTV	AUSTIN MN	DTVPLN	-NPLN0925

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WXOW-DT	LA CROSSE WI	132.1	PLN	DTVPLN	-DTVP0155
15	KYOUTV	OTTUMWA IA	288.9	PLN	DTVPLN	-NPLN0918
15	KSMN-DT	WORTHINGTON MN	237.6	PLN	DTVPLN	-DTVP0173
15	KXVO	OMAHA NE	392.2	PLN	DTVPLN	-NPLN0929
15	WQOW-DT	EAU CLAIRE WI	177.9	PLN	DTVPLN	-DTVP0202
15	WMTV	MADISON WI	292.4	PLN	DTVPLN	-NPLN0942
16	KTCI-DT	ST. PAUL MN	153.9	PLN	DTVPLN	-DTVP0226
17	WLAX-DT	LA CROSSE WI	131.7	PLN	DTVPLN	-DTVP0287
18	KYIN-DT	MASON CITY IA	36.4	PLN	DTVPLN	-DTVP0302
19	WXOWTV	LA CROSSE WI	132.1	PLN	DTVPLN	-NPLN1063
22	NEW	WATERLOO IA	159.2	PLN	DTVPLN	-NPLN1139
29	WFTC	MINNEAPOLIS MN	153.9	PLN	DTVPLN	-NPLN1360
30	WHLA-DT	LA CROSSE WI	132.0	PLN	DTVPLN	-DTVP0809

Results for: 15N MN AUSTIN	DTVPLN	NPLN0925	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	182407	9342.6	
not affected by terrain losses	167388	9264.2	
lost to NTSC IX	1050	99.2	

lost to additional IX by ATV	3921	54.6
lost to all IX	4971	153.8

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	KSMQ-TV	AUSTIN MN	BMLET	-20041214ADY

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WXOW-DT	LA CROSSE WI	132.1	PLN	DTVPLN	-DTVP0155
15	KYOU-TV	OTTUMWA IA	288.9	LIC	BLCT	-19960528KO
15	KSMN	WORTHINGTON MN	237.5	LIC	BLEDT	-20051219AGX
15	KSMN-DT	WORTHINGTON MN	237.5	PLN	DTVPLN	-DTVP0173
15	KXVO	OMAHA NE	392.2	LIC	BMLCT	-20041008ACJ
15	WQOW-DT	EAU CLAIRE WI	177.9	PLN	DTVPLN	-DTVP0202
15	WQOW-TV	EAU CLAIRE WI	174.9	CP MOD	BMPCDT	-20041001AOM
16	KTCI-DT	ST. PAUL MN	153.9	PLN	DTVPLN	-DTVP0226
17	WLAX	LA CROSSE WI	131.8	CP MOD	BMPCDT	-20080326AGW
17	WLAX-DT	LA CROSSE WI	131.8	PLN	DTVPLN	-DTVP0287
18	KYIN-DT	MASON CITY IA	36.5	PLN	DTVPLN	-DTVP0302
18	KYIN	MASON CITY IA	32.6	LIC	BLEDT	-20070924AFU
22	KWWF	WATERLOO IA	141.8	LIC	BLCT	-20021129AAC
29	WFTC	MINNEAPOLIS MN	153.9	LIC	BLCT	-19910823KG
30	WHLA-TV	LA CROSSE WI	132.1	LIC	BMLEDT	-20041013AAL
30	WHLA-DT	LA CROSSE WI	132.1	PLN	DTVPLN	-DTVP0809
29	FR29D	FROST2 MN	75.2	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 5

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
21	KTIN	FORT DODGE IA	DTVPLN	-NPLN1105

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KMEG	SIOUX CITY IA	158.3	PLN	DTVPLN	-NPLN0884
18	NEW	CARROLL IA	92.9	PLN	DTVPLN	-NPLN1015
19	WHO-DT	DES MOINES IA	129.8	PLN	DTVPLN	-DTVP0349
20	KSMQ-DT	AUSTIN MN	148.7	PLN	DTVPLN	-DTVP0402
20	KSMN	WORTHINGTON MN	172.7	PLN	DTVPLN	-NPLN1084
21	WFTC-DT	MINNEAPOLIS MN	269.5	PLN	DTVPLN	-DTVP0443
21	KTAJ-DT	ST. JOSEPH MO	352.6	PLN	DTVPLN	-DTVP0444
21	WHATV	MADISON WI	397.6	PLN	DTVPLN	-NPLN1131
22	NEW	WATERLOO IA	195.5	PLN	DTVPLN	-NPLN1139
23	NEW	AMES IA	128.3	PLN	DTVPLN	-NPLN1171
25	KTIN-DT	FORT DODGE IA	0.0	PLN	DTVPLN	-DTVP0600
36	KHIN	RED OAK IA	177.9	PLN	DTVPLN	-NPLN1518
36	NEW	SIOUX FALLS SD	213.2	PLN	DTVPLN	-NPLN1530

Results for: 21N IA FORT DODGE	DTVPLN	NPLN1105	PLN
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	POPULATION	AREA (sq km)
within Noise Limited Contour	210686	20619.6
not affected by terrain losses	210643	20598.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	85	15.8
lost to all IX	85	15.8

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	KTIN	FORT DODGE IA	BLET	-19860923KN

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WHO-DT	DES MOINES IA	129.8	PLN	DTVPLN	-DTVP0349
20	KSMQ-TV	AUSTIN MN	178.1	CP MOD	BMPEDT	-20081114AAX
20	KSMQ-DT	AUSTIN MN	148.7	PLN	DTVPLN	-DTVP0402
21	WFTC	MINNEAPOLIS MN	269.5	LIC	BLCDDT	-20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	269.5	PLN	DTVPLN	-DTVP0443
21	KTAJ-DT	ST. JOSEPH MO	352.6	PLN	DTVPLN	-DTVP0444
21	WHA-TV	MADISON WI	397.6	LIC	BLET	-20020227ABP
22	KWWF	WATERLOO IA	195.5	CP	BPCDDT	-20080807AAL
22	KWWF	WATERLOO IA	173.4	LIC	BLCT	-20021129AAC
23	KCWI-TV	AMES IA	127.8	LIC	BLCT	-20010130ABE
23	KCWI-TV	AMES IA	127.8	APP	BSTA	-20081103AAT
25	KTIN-DT	FORT DODGE IA	0.0	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	0.0	LIC	BLEDT	-20070822ACB
36	KHIN	RED OAK IA	177.9	LIC	BLET	-19860923KP
36	KWSD	SIOUX FALLS SD	191.1	LIC	BLCT	-20001108ABE
29	FR29D	FROST2 MN	93.9	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 6

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	KTIN	FORT DODGE IA	BPET	-20060911AAH

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
19	WHO-DT	DES MOINES IA	129.8	PLN	DTVPLN	-DTVP0349
20	KSMQ-TV	AUSTIN MN	178.1	CP MOD	BMPEDT	-20081114AAX
20	KSMQ-DT	AUSTIN MN	148.7	PLN	DTVPLN	-DTVP0402
21	WFTC	MINNEAPOLIS MN	269.5	LIC	BLCDDT	-20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	269.5	PLN	DTVPLN	-DTVP0443
21	KTAJ-DT	ST. JOSEPH MO	352.6	PLN	DTVPLN	-DTVP0444
21	WHA-TV	MADISON WI	397.6	LIC	BLET	-20020227ABP
22	KWWF	WATERLOO IA	195.5	CP	BPCDDT	-20080807AAL
22	KWWF	WATERLOO IA	173.4	LIC	BLCT	-20021129AAC
23	KCWI-TV	AMES IA	127.8	LIC	BLCT	-20010130ABE
23	KCWI-TV	AMES IA	127.8	APP	BSTA	-20081103AAT
25	KTIN-DT	FORT DODGE IA	0.0	PLN	DTVPLN	-DTVP0600

25	KTIN	FORT DODGE IA	0.0	LIC	BLEDT	-20070822ACB
36	KHIN	RED OAK IA	177.9	LIC	BLET	-19860923KP
36	KWSD	SIOUX FALLS SD	191.1	LIC	BLCT	-20001108ABE
29	FR29D	FROST2 MN	93.9	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.
21	K21DG	ST. JAMES MN	BLTTL -19970507JR

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	K21JB-D	COUNCIL BLUFFS IA	332.8	CP	BDCCDTL -20061030ARP
21	KTIN	FORT DODGE IA	144.2	CP	BPET -20060911AAH
21	K21IP-D	GRANITE FALLS MN	109.8	CP	BDCCDTL -20061019ABD
21	WFTC	MINNEAPOLIS MN	157.4	LIC	BLCDT -20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	157.4	PLN	DTVPLN -DTVP0443
21	K21HX-D	WALKER MN	331.8	CP MOD	BMPDTL -20080903ABG
21	WDAY-DT	FARGO ND	381.0	PLN	DTVPLN -DTVP0447
22	K22IA-D	FROST MN	79.0	CP	BDCCDTL -20061020ABM
22	K22HZ-D	JACKSON MN	64.3	CP	BDCCDTL -20061019ACX
22	KRRD-LD	ROCHESTER MN	175.1	CP	BDCCDTL -20061026AFL
25	KTIN-DT	FORT DODGE IA	144.2	PLN	DTVPLN -DTVP0600
25	KTIN	FORT DODGE IA	144.2	LIC	BLEDT -20070822ACB
36	K36IV-D	JACKSON MN	64.3	LIC	BLDTL -20080505ABE
36	NEW	ST. JAMES MN	0.3	APP	BDCCDTL -20061020ABP
29	FR29D	FROST2 MN	79.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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# Analysis of Interference to Affected Station 8

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	K21DG	ST. JAMES MN	BPTTL -20080602AHI

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	K21JB-D	COUNCIL BLUFFS IA	332.8	CP	BDCCDTL -20061030ARP
21	KTIN	FORT DODGE IA	144.2	CP	BPET -20060911AAH
21	K21IP-D	GRANITE FALLS MN	109.8	CP	BDCCDTL -20061019ABD
21	WFTC	MINNEAPOLIS MN	157.4	LIC	BLCDT -20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	157.4	PLN	DTVPLN -DTVP0443
21	K21HX-D	WALKER MN	331.8	CP MOD	BMPDTL -20080903ABG

21	WDAY-DT	FARGO ND	381.0	PLN	DTVPLN	-DTVP0447
22	K22IA-D	FROST MN	79.0	CP	BDCCDTL	-20061020ABM
22	K22HZ-D	JACKSON MN	64.3	CP	BDCCDTL	-20061019ACX
22	KRRD-LD	ROCHESTER MN	175.1	CP	BDCCDTL	-20061026AFL
25	KTIN-DT	FORT DODGE IA	144.2	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	144.2	LIC	BLEDT	-20070822ACB
36	K36IV-D	JACKSON MN	64.3	LIC	BLDTL	-20080505ABE
36	NEW	ST. JAMES MN	0.3	APP	BDCCDTL	-20061020ABP
29	FR29D	FROST2 MN	79.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 9

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	K22HJ	WORTHINGTON MN	BLTT	-20040730AGU

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KSMN	WORTHINGTON MN	37.5	LIC	BLEDT	-20051219AGX
15	KSMN-DT	WORTHINGTON MN	37.5	PLN	DTVPLN	-DTVP0173
21	K21IP-D	GRANITE FALLS MN	132.3	CP	BDCCDTL	-20061019ABD
22	KWWF	WATERLOO IA	322.1	CP	BPCDT	-20080807AAL
22	KWWF	WATERLOO IA	299.4	LIC	BLCT	-20021129AAC
22	K22IA-D	FROST MN	141.7	CP	BDCCDTL	-20061020ABM
22	K22HZ-D	JACKSON MN	56.1	CP	BDCCDTL	-20061019ACX
22	KLGT-DT	MINNEAPOLIS MN	259.3	PLN	DTVPLN	-DTVP0488
22	WUCW	MINNEAPOLIS MN	258.6	CP	BPCDT	-19991027ADG
22	KRRD-LD	ROCHESTER MN	265.6	CP	BDCCDTL	-20061026AFL
22	WOWT-DT	OMAHA NE	257.8	PLN	DTVPLN	-DTVP0495
22	KTTM-DT	HURON SD	220.1	PLN	DTVPLN	-DTVP0503
22	W22CI	BLOOMINGTON WI	391.6	LIC	BLDTT	-20081106ADM
23	K23JG-D	ST. JAMES MN	103.1	CP	BDCCDTL	-20061025AFA
24	KCSD-TV	SIOUX FALLS SD	77.9	LIC	BLEDT	-20040112ACM
24	KCSD-DT	SIOUX FALLS SD	85.3	PLN	DTVPLN	-DTVP0583
25	KTIN-DT	FORT DODGE IA	136.4	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	136.4	LIC	BLEDT	-20070822ACB
26	KDLT-DT	MITCHELL SD	135.5	PLN	DTVPLN	-DTVP0652
29	KSFY-DT	SIOUX FALLS SD	69.0	PLN	DTVPLN	-DTVP0765
30	KCAU-DT	SIOUX CITY IA	122.7	PLN	DTVPLN	-DTVP0784
36	KWSD	SIOUX FALLS SD	72.2	LIC	BLCT	-20001108ABE
29	FR29D	FROST2 MN	141.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 10



## Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	K25II	REDWOOD FALLS MN	BLTT -20050128ARO

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KCCO-DT	ALEXANDRIA MN	126.3	PLN	DTVPLN -DTVP0572
24	K24HN-D	JACKSON MN	105.7	CP	BDCCDTL -20061020ABL
25	KTIN-DT	FORT DODGE IA	198.1	PLN	DTVPLN -DTVP0600
25	KTIN	FORT DODGE IA	198.1	LIC	BLEDT -20070822ACB
25	DK54AT	BRAINERD MN	211.4	APP	BDISDTT -20060331BDG
25	K65BA	GRANITE FALLS MN	55.9	CP	BDISTTL -20060720ADE
25	K25IA	MINNEAPOLIS MN	141.7	LIC	BLTT -20041213AAL
25	K25IA	MINNEAPOLIS MN	141.7	CP	BDFCDTT -20060214AAN
25	KAZW-LD	SOUTH SIOUX CITY NE	259.4	CP	BDCCDTL -20070418ACW
25	KDLO-DT	FLORENCE SD	211.9	PLN	DTVPLN -DTVP0618
25	K31DP	YANKTON SD	281.9	CP	BDISDTT -20060327ACG
25	DW57AS	SPOONER WI	275.8	CP	BDISDTT -20071128AAR
26	K26IP-D	FROST MN	135.8	CP	BDCCDTL -20061019ACQ
27	KRWF-DT	REDWOOD FALLS MN	42.2	PLN	DTVPLN -DTVP0674
40	K40JK-D	GRANITE FALLS MN	55.9	CP	BDCCDTL -20061018ADF
40	K40JN-D	JACKSON MN	105.7	LIC	BLDTL -20080505ACB
40	KPXM	ST. CLOUD MN	135.3	LIC	BLCDT -20030903AAU
40	KXLI-DT	ST. CLOUD MN	135.3	PLN	DTVPLN -DTVP1130
29	FR29D	FROST2 MN	135.8	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 11

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	K53HR	JACKSON MN	BDISTTL -20060912AEP

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KCSD-TV	SIOUX FALLS SD	133.9	LIC	BLEDT -20040112ACM
24	KCSD-DT	SIOUX FALLS SD	141.2	PLN	DTVPLN -DTVP0583
25	KTIN-DT	FORT DODGE IA	99.2	PLN	DTVPLN -DTVP0600
25	KTIN	FORT DODGE IA	99.2	LIC	BLEDT -20070822ACB
25	K25IA	MINNEAPOLIS MN	205.0	CP	BDFCDTT -20060214AAN
25	KAZW-LD	SOUTH SIOUX CITY NE	171.1	CP	BDCCDTL -20070418ACW
26	KBTB-DT	DES MOINES IA	228.7	PLN	DTVPLN -DTVP0634
26	K26IP-D	FROST MN	85.6	CP	BDCCDTL -20061019ACQ
26	KMSP-DT	MINNEAPOLIS MN	219.6	PLN	DTVPLN -DTVP0641
26	K26CS	ST. JAMES MN	64.3	CP	BPTTL -20080602AHK
26	KCWH-LD	NORFOLK NE	260.2	CP	BDCCDTL -20061030ASJ
26	KDLV-TV	MITCHELL SD	275.4	CP	BPCDT -19991101AIX

26	KDLT-DT	MITCHELL SD	191.5	PLN	DTVPLN	-DTVP0652
26	W26DI-D	LA CROSSE WI	291.7	CP	BDCCDTL	-20061030AQE
27	KRWF-DT	REDWOOD FALLS MN	105.7	PLN	DTVPLN	-DTVP0674
29	KSFY-DT	SIOUX FALLS SD	124.6	PLN	DTVPLN	-DTVP0765
40	NEW -DT	SIOUX FALLS SD	134.0	PLN	DTVPLN	-DTVP1140
41	K41KG-D	GRANITE FALLS MN	141.5	CP	BDCCDTL	-20061018ADD
41	K41EG	JACKSON MN	0.0	LIC	BLTTL	-19950515ID
29	FR29D	FROST2 MN	85.6	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 12

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	K26CS	ST. JAMES MN	BPTTL	-20080602AHK

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	K25IA	MINNEAPOLIS MN	142.7	CP	BDFCDTT	-20060214AAN
26	KBTB-DT	DES MOINES IA	267.5	PLN	DTVPLN	-DTVP0634
26	KFTC	BEMIDJI MN	383.6	CP	BPCDT	-20080310ADP
26	K26IP-D	FROST MN	79.0	CP	BDCCDTL	-20061019ACQ
26	K53HR	JACKSON MN	64.3	CP	BDISTTL	-20060912AEP
26	KMSP-DT	MINNEAPOLIS MN	157.4	PLN	DTVPLN	-DTVP0641
26	KCVH-LD	NORFOLK NE	321.6	CP	BDCCDTL	-20061030ASJ
26	KDLV-TV	MITCHELL SD	307.7	CP	BPCDT	-19991101AIX
26	KDLT-DT	MITCHELL SD	228.5	PLN	DTVPLN	-DTVP0652
26	W26DI-D	LA CROSSE WI	260.3	CP	BDCCDTL	-20061030AQE
27	KRWF-DT	REDWOOD FALLS MN	82.4	PLN	DTVPLN	-DTVP0674
33	KAAL-DT	AUSTIN MN	127.5	PLN	DTVPLN	-DTVP0905
41	K41KG-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061018ADD
41	K41IZ	ST. JAMES MN	0.3	CP	BPTTL	-20080604AAS
29	FR29D	FROST2 MN	79.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 13

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
26	K26CS	ST. JAMES MN	BLTT	-20050908ACF

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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25	K25IA	MINNEAPOLIS MN	142.7	CP	BDFCDTT	-20060214AAN
26	KBTB-DT	DES MOINES IA	267.5	PLN	DTVPLN	-DTVP0634
26	KFTC	BEMIDJI MN	383.6	CP	BPCDT	-20080310ADP
26	K26IP-D	FROST MN	79.0	CP	BDCCDTL	-20061019ACQ
26	K53HR	JACKSON MN	64.3	CP	BDISTTL	-20060912AEP
26	KMSP-DT	MINNEAPOLIS MN	157.4	PLN	DTVPLN	-DTVP0641
26	KCWH-LD	NORFOLK NE	321.6	CP	BDCCDTL	-20061030ASJ
26	KDLV-TV	MITCHELL SD	307.7	CP	BPCDT	-19991101AIX
26	KDLT-DT	MITCHELL SD	228.5	PLN	DTVPLN	-DTVP0652
26	W26DI-D	LA CROSSE WI	260.3	CP	BDCCDTL	-20061030AQE
27	KRWF-DT	REDWOOD FALLS MN	82.4	PLN	DTVPLN	-DTVP0674
33	KAAL-DT	AUSTIN MN	127.5	PLN	DTVPLN	-DTVP0905
41	K41KG-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061018ADD
41	K41IZ	ST. JAMES MN	0.3	CP	BPTTL	-20080604AAS
29	FR29D	FROST2 MN	79.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 14

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
27	K27FI	FROST MN	BLTTL	-19950314IJ

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KSMQ-TV	AUSTIN MN	113.1	CP MOD	BMPEDT	-20081114AAX
20	KSMQ-DT	AUSTIN MN	75.2	PLN	DTVPLN	-DTVP0402
25	KTIN-DT	FORT DODGE IA	93.9	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	93.9	LIC	BLEDT	-20070822ACB
26	K26IP-D	FROST MN	0.0	CP	BDCCDTL	-20061019ACQ
26	W26DI-D	LA CROSSE WI	206.9	CP	BDCCDTL	-20061030AQE
27	KFXA-DT	CEDAR RAPIDS IA	224.0	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	224.0	LIC	BLCDDT	-20050713ABD
27	K27JH-D	COUNCIL BLUFFS IA	302.6	CP	BDCCDTL	-20061030AOZ
27	KSIN-TV	SIOUX CITY IA	226.7	LIC	BMLET	-20021219AAC
27	K27JC-D	ALEXANDRIA MN	287.1	CP	BDCCDTT	-20061013ACU
27	KCWV	DULUTH MN	383.0	CP	BNPCT	-20060421ABZ
27	KCWV	DULUTH MN	383.4	CP MOD	BMPCDT	-20080221ACC
27	KRWF-DT	REDWOOD FALLS MN	159.8	PLN	DTVPLN	-DTVP0674
27	KAZK-LP	O'NEILL NE	401.1	CP	BDFCDTL	-20060331AHD
27	WHWC-DT	MENOMONIE WI	231.0	PLN	DTVPLN	-DTVP0697
27	WHWC-TV	MENOMONIE WI	231.0	LIC	BLEDT	-20040824AAF
27	W27AU	WAUSAU WI	370.1	CP	BDFCDTL	-20080403ADE
28	KHVM-LD	MANKATO MN	101.1	LIC	BLDTL	-20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	175.3	CP MOD	BMPDTL	-20090430ABW
42	KIMT-DT	MASON CITY IA	91.6	PLN	DTVPLN	-DTVP1190
42	K42HX-D	JACKSON MN	85.6	CP	BDCCDTL	-20061019ACT
29	FR29D	FROST2 MN	0.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	DK28AE	FAIRMONT MN	BLTTL	-19831014IA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KSMQ-DT	AUSTIN MN	120.5	PLN	DTVPLN	-DTVP0402
21	KTIN	FORT DODGE IA	94.3	CP	BPET	-20060911AAH
25	KTIN-DT	FORT DODGE IA	94.3	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	94.3	LIC	BLEDT	-20070822ACB
27	KRWF-DT	REDWOOD FALLS MN	120.7	PLN	DTVPLN	-DTVP0674
28	KSIN-DT	SIOUX CITY IA	194.2	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	194.2	LIC	BLEDT	-20050726AMC
28	KAWB-DT	BRAINERD MN	306.7	PLN	DTVPLN	-DTVP0715
28	KHVM-LD	MANKATO MN	114.9	LIC	BLDTL	-20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	188.3	CP MOD	BMPDTL	-20090430ABW
28	KABY-DT	ABERDEEN SD	313.6	PLN	DTVPLN	-DTVP0726
28	K56GF	SIOUX FALLS SD	176.2	CP	BDISDTT	-20060330AHQ
28	WHWC-TV	MENOMONIE WI	260.0	LIC	BMLET	-20021118ACH
28	WHWC-TV	MENOMONIE WI	260.0	APP	BSTA	-20070412AAG
29	K29HU-D	GRANITE FALLS MN	153.2	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	50.0	LIC	BLDTL	-20080528AAZ
42	KIMT-DT	MASON CITY IA	138.3	PLN	DTVPLN	-DTVP1190
43	K43JE-D	LAKE CRYSTAL MN	46.0	LIC	BLDTL	-20071205AAT
29	FR29D	FROST2 MN	46.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	K67AN	GRANITE FALLS MN	BDISTTL	-20060720ADC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN	-DTVP0572
27	K27JC-D	ALEXANDRIA MN	125.8	CP	BDCCDTT	-20061013ACU
27	KRWF-DT	REDWOOD FALLS MN	36.3	PLN	DTVPLN	-DTVP0674
28	KSIN-DT	SIOUX CITY IA	261.1	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	261.1	LIC	BLEDT	-20050726AMC
28	KAWB-DT	BRAINERD MN	199.7	PLN	DTVPLN	-DTVP0715
28	KHVM-LD	MANKATO MN	162.3	LIC	BLDTL	-20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	191.5	CP MOD	BMPDTL	-20090430ABW
28	K28IF	WILLMAR MN	58.3	LIC	BLTTL	-20051130AFL
28	KABY-DT	ABERDEEN SD	184.9	PLN	DTVPLN	-DTVP0726

28	K56GF	SIOUX FALLS SD	164.6	CP	BDISDTT	-20060330AHQ
28	WHWC-TV	MENOMONIE WI	293.7	LIC	BMLET	-20021118ACH
28	WHWC-TV	MENOMONIE WI	293.7	APP	BSTA	-20070412AAG
29	K29HU-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	109.8	LIC	BLDTL	-20080528AAZ
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN	-DTVP0827
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM	-20010423AFQ
42	KSAX	ALEXANDRIA MN	104.4	LIC	BLCT	-19870925KJ
43	K43JE-D	LAKE CRYSTAL MN	131.7	LIC	BLDTL	-20071205AAT
43	K43KX-D	WATERTOWN SD	120.7	CP	BDCCDTT	-20061027AAC
29	FR29D	FROST2 MN	188.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 17

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	KHVM-LD	MANKATO MN	BLDTL	-20080616ADV

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	K27JC-D	ALEXANDRIA MN	219.1	CP	BDCCDTT	-20061013ACU
28	KSIN-DT	SIOUX CITY IA	307.9	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	308.0	LIC	BLEDT	-20050726AMC
28	KAWB-DT	BRAINERD MN	228.5	PLN	DTVPLN	-DTVP0715
28	DK28AE	FAIRMONT MN	114.9	LIC	BLTTL	-19831014IA
28	KABY-DT	ABERDEEN SD	347.2	PLN	DTVPLN	-DTVP0726
28	K56GF	SIOUX FALLS SD	267.5	CP	BDISDTT	-20060330AHQ
28	WYOW	EAGLE RIVER WI	370.1	CP MOD	BMPCDT	-20041001ANY
28	WYOW-DT	EAGLE RIVER WI	370.1	PLN	DTVPLN	-DTVP0732
28	WHWC-TV	MENOMONIE WI	150.7	LIC	BMLET	-20021118ACH
28	WHWC-TV	MENOMONIE WI	150.7	APP	BSTA	-20070412AAG
29	K29HU-D	GRANITE FALLS MN	162.3	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	75.7	LIC	BLCT	-19910823KG
29	K29IE-D	ST. JAMES MN	89.7	LIC	BLDTL	-20080528AAZ
29	FR29D	FROST2 MN	101.1	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 18

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	KHVM-LD	MINNEAPOLIS MN	BMPDTL	-20090430ABW

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	K27JC-D	ALEXANDRIA MN	201.5	CP	BDCCDTT	-20061013ACU
27	WHWC-DT	MENOMONIE WI	103.0	PLN	DTVPLN	-DTVP0697
27	WHWC-TV	MENOMONIE WI	103.0	LIC	BLEDT	-20040824AAF
28	KSIN-DT	SIOUX CITY IA	378.8	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	378.9	LIC	BLEDT	-20050726AMC
28	KAWB-DT	BRAINERD MN	180.6	PLN	DTVPLN	-DTVP0715
28	KABY-DT	ABERDEEN SD	370.1	PLN	DTVPLN	-DTVP0726
28	K56GF	SIOUX FALLS SD	325.9	CP	BDISDTT	-20060330AHQ
28	WYOW	EAGLE RIVER WI	316.2	CP MOD	BMPCDT	-20041001ANY
28	WYOW-DT	EAGLE RIVER WI	316.2	PLN	DTVPLN	-DTVP0732
28	WHWC-TV	MENOMONIE WI	103.0	LIC	BMLET	-20021118ACH
28	WHWC-TV	MENOMONIE WI	103.0	APP	BSTA	-20070412AAG
29	K29HU-D	GRANITE FALLS MN	191.5	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	4.1	LIC	BLCT	-19910823KG
29	K29IE-D	ST. JAMES MN	155.2	LIC	BLDTL	-20080528AAZ
29	FR29D	FROST2 MN	175.3	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 19

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
28	K28IF	WILLMAR MN	BLTTL	-20051130AFL

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KCCO-DT	ALEXANDRIA MN	58.0	PLN	DTVPLN	-DTVP0572
27	K27JC-D	ALEXANDRIA MN	90.9	CP	BDCCDTT	-20061013ACU
27	KRWF-DT	REDWOOD FALLS MN	83.6	PLN	DTVPLN	-DTVP0674
28	KSIN-DT	SIOUX CITY IA	311.5	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	311.5	LIC	BLEDT	-20050726AMC
28	KAWB-DT	BRAINERD MN	146.8	PLN	DTVPLN	-DTVP0715
28	K67AN	GRANITE FALLS MN	58.3	CP	BDISTTL	-20060720ADC
28	KHVM-LD	MANKATO MN	139.1	LIC	BLDTL	-20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	147.0	CP MOD	BMPDTL	-20090430ABW
28	KABY-DT	ABERDEEN SD	223.4	PLN	DTVPLN	-DTVP0726
28	K56GF	SIOUX FALLS SD	221.6	CP	BDISDTT	-20060330AHQ
28	WHWC-TV	MENOMONIE WI	249.8	LIC	BMLET	-20021118ACH
28	WHWC-TV	MENOMONIE WI	249.8	APP	BSTA	-20070412AAG
29	K29HU-D	GRANITE FALLS MN	58.3	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	122.8	LIC	BLDTL	-20080528AAZ
31	KWCM-DT	APPLETON MN	75.0	PLN	DTVPLN	-DTVP0827
36	KSAXDR	ALEXANDRIA MN	60.2	LIC	BPRM	-20010423AFQ
42	KSAX	ALEXANDRIA MN	60.2	LIC	BLCT	-19870925KJ
43	K43JE-D	LAKE CRYSTAL MN	137.1	LIC	BLDTL	-20071205AAT
29	FR29D	FROST2 MN	196.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K61HD	DAVENPORT IA	BDISDTT	-20060328ACJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	K28JD	FORT MADISON IA	129.6	APP	BDFCDTT	-20090424AAM
28	WCFC-LD	ROCKFORD IL	148.5	CP	BDCCDTL	-20061030ADD
29	KFPX	NEWTON IA	229.0	APP	BPRM	-20040322AHK
29	WMAQ-TV	CHICAGO IL	238.4	LIC	BLCDDT	-20010531ACY
29	WMAQ-DT	CHICAGO IL	238.4	PLN	DTVPLN	-DTVP0742
29	W29DG-D	TERRE HAUTE IN	342.3	CP	BDCCDTL	-20061030AQO
29	WOMS-CA	MUSKEGON MI	408.1	CP	BDFCDTA	-20060330ALZ
29	KHQA-DT	HANNIBAL MO	189.3	PLN	DTVPLN	-DTVP0748
29	W29DJ	SHEBOYGAN WI	272.5	CP	BDFCDTL	-20080408ABL
29	WAOW-DT	WAUSAU WI	380.2	PLN	DTVPLN	-DTVP0772
30	961001KU	DAVENPORT IA	8.4	APP	BPCT	-19961001KU
30	960710LA	DAVENPORT IA	0.2	APP	BPET	-19960710LA
30	WCRD-LP	CARTHAGE IL	136.2	CP	BDCCDTL	-20061030AMS
30	W57DN	ELGIN IL	191.7	CP	BDISDTT	-20060213ACF
30	WMBD-DT	PEORIA IL	128.2	PLN	DTVPLN	-DTVP0785
30	WMBD-TV	PEORIA IL	128.2	CP MOD	BMPCDT	-20060314ABP
29	FR29D	FROST2 MN	362.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29EA	DES MOINES IA	BLTTL	-20011217ADD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	KWWF	WATERLOO IA	138.5	LIC	BLCT	-20021129AAC
25	KTIN-DT	FORT DODGE IA	145.1	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	145.1	LIC	BLEDT	-20070822ACB
26	KBTB-DT	DES MOINES IA	16.4	PLN	DTVPLN	-DTVP0634
27	KFXA-DT	CEDAR RAPIDS IA	132.6	PLN	DTVPLN	-DTVP0671
27	KFXA	CEDAR RAPIDS IA	132.6	LIC	BLCDDT	-20050713ABD
29	K61HD	DAVENPORT IA	258.8	CP	BDISDTT	-20060328ACJ
29	KFPX	NEWTON IA	35.5	APP	BPRM	-20040322AHK
29	K29HU-D	GRANITE FALLS MN	384.6	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	379.0	LIC	BLCT	-19910823KG
29	K29IE-D	ST. JAMES MN	283.8	LIC	BLDTL	-20080528AAZ

29	KHQA-DT	HANNIBAL MO	267.0	PLN	DTVPLN	-DTVP0748
29	K29GL	LINCOLN NE	273.9	CP	BDFCDTT	-20060330ACT
29	KSFY-DT	SIOUX FALLS SD	317.4	PLN	DTVPLN	-DTVP0765
31	KCCI	DES MOINES IA	16.4	LIC	BLCDT	-20050628ABX
31	KCCI-DT	DES MOINES IA	16.4	PLN	DTVPLN	-DTVP0821
43	960715KG	DES MOINES IA	0.0	APP	BPET	-19960715KG
43	960709KT	DES MOINES IA	0.0	APP	BPET	-19960709KT
43	960508KE	DES MOINES IA	14.8	APP	BPET	-19960508KE
43	960724KM	DES MOINES IA	16.4	APP	BPET	-19960724KM
44	K44FK	WATERLOO IA	132.3	CP	BDFCDTT	-20060327ACA
29	FR29D	FROST2 MN	215.4	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 22

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	KFPX	NEWTON IA	BPRM -20040322AHK

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WFTC	MINNEAPOLIS MN	360.2	LIC	BLCT -19910823KG
29	KHQA-DT	HANNIBAL MO	258.7	PLN	DTVPLN -DTVP0748
29	KSFY-DT	SIOUX FALLS SD	331.0	PLN	DTVPLN -DTVP0765
30	960710LA	DAVENPORT IA	228.8	APP	BPET -19960710LA
29	FR29D	FROST2 MN	205.1	APP	USERRECORD-01

Proposal causes no interference

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# Analysis of Interference to Affected Station 23

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29HU-D	GRANITE FALLS MN	BDCCDTL -20061019ABE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	K67AN	GRANITE FALLS MN	0.0	CP	BDISTTL -20060720ADC
28	KHVM-LD	MANKATO MN	162.3	LIC	BLDTL -20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	191.5	CP MOD	BMPDTL -20090430ABW
28	K56GF	SIOUX FALLS SD	164.6	CP	BDISDTT -20060330AHQ
29	KFPX	NEWTON IA	383.3	APP	BPRM -20040322AHK
29	K29EB	GRAND RAPIDS MN	328.2	CP	BDFCDTT -20060331BGK
29	WFTC	MINNEAPOLIS MN	195.3	LIC	BLCT -19910823KG
29	K29IE-D	ST. JAMES MN	109.8	LIC	BLDTL -20080528AAZ
29	KSFY-DT	SIOUX FALLS SD	161.9	PLN	DTVPLN -DTVP0765
30	K30JL-D	GRANITE FALLS MN	0.0	CP	BDCCDTL -20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	182.7	CP	BDCCDTL -20061010ANC



30	KTCJ-LP	ST. CLOUD MN	168.6	LIC	BLDTL	-20080904AGG
29	FR29D	FROST2 MN	188.8	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 24

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
29	WFTC	MINNEAPOLIS MN	DTVPLN	-NPLN1360

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WFTC-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0443
22	KAWB	BRAINERD MN	183.7	PLN	DTVPLN	-NPLN1146
22	KLGT-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0488
26	KMSP-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0641
27	WHWC-DT	MENOMONIE WI	99.0	PLN	DTVPLN	-DTVP0697
28	KAWB-DT	BRAINERD MN	183.7	PLN	DTVPLN	-DTVP0715
28	WHWCTV	MENOMONIE WI	99.0	PLN	DTVPLN	-NPLN1347
29	KSFY-DT	SIOUX FALLS SD	320.8	PLN	DTVPLN	-DTVP0765
29	WAOW-DT	WAUSAU WI	270.2	PLN	DTVPLN	-DTVP0772
30	WHLA-DT	LA CROSSE WI	197.1	PLN	DTVPLN	-DTVP0809
32	WCCO-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN	-DTVP0868
43	KRWF	REDWOOD FALLS MN	197.3	PLN	DTVPLN	-NPLN1642
44	KVBM-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN	-DTVP1271

Results for: 29N MN MINNEAPOLIS	DTVPLN	NPLN1360	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	5444	205.5	
lost to all IX	16854	1148.4	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	WFTC	MINNEAPOLIS MN	BLCT	-19910823KG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WFTC	MINNEAPOLIS MN	0.0	LIC	BLCDT	-20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0443
22	KLGT-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0488
22	WUCW	MINNEAPOLIS MN	1.3	CP	BPCDT	-19991027ADG
26	KMSP-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0641
27	WHWC-DT	MENOMONIE WI	99.0	PLN	DTVPLN	-DTVP0697
27	WHWC-TV	MENOMONIE WI	99.0	LIC	BLEDT	-20040824AAF
28	KAWB-DT	BRAINERD MN	183.7	PLN	DTVPLN	-DTVP0715
28	WHWC-TV	MENOMONIE WI	99.0	LIC	BMLET	-20021118ACH
28	WHWC-TV	MENOMONIE WI	99.0	APP	BSTA	-20070412AAG
29	KFPX	NEWTON IA	360.2	APP	BPRM	-20040322AHK

29	KSFY-DT	SIOUX FALLS SD	320.8	PLN	DTVPLN	-DTVP0765
29	WAOW-DT	WAUSAU WI	270.2	PLN	DTVPLN	-DTVP0772
30	WHLA-TV	LA CROSSE WI	197.1	LIC	BMLED	-20041013AAL
30	WHLA-DT	LA CROSSE WI	197.1	PLN	DTVPLN	-DTVP0809
32	WCCO-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN	-DTVP0868
44	KVBM-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN	-DTVP1271
44	KSTC-TV	MINNEAPOLIS MN	1.3	LIC	BLC	-20060525ABR
29	FR29D	FROST2 MN	175.7	APP	USERRECORD-01	

Total scenarios = 6

Result key: 1  
 Scenario 1 Affected station 24 WFTC  
 Before Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	5444	205.5	
lost to all IX	16854	1148.4	

Potential Interfering Stations Included in above Scenario 1

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	DTVPLN	DTVP0697	PLN
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	5914	252.1	
lost to all IX	17324	1195.0	

Potential Interfering Stations Included in above Scenario 1

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	DTVPLN	DTVP0697	PLN
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0175%

Result key: 2  
 Scenario 2 Affected station 24 WFTC  
 Before Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	

within Noise Limited Contour	2679059	22547.8
not affected by terrain losses	2671900	22312.6
lost to NTSC IX	11410	942.9
lost to additional IX by ATV	5444	205.5
lost to all IX	16854	1148.4

Potential Interfering Stations Included in above Scenario 2

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	BLEDT	20040824AAF	LIC
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	5914	252.1	
lost to all IX	17324	1195.0	

Potential Interfering Stations Included in above Scenario 2

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	BLEDT	20040824AAF	LIC
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0175%

Result key: 3

Scenario 3 Affected station 24 WFTC

Before Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	5451	206.5	
lost to all IX	16861	1149.4	

Potential Interfering Stations Included in above Scenario 3

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	DTVPLN	DTVP0697	PLN
29A IA NEWTON	BPRM	20040322AHK	APP
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	

within Noise Limited Contour	2679059	22547.8
not affected by terrain losses	2671900	22312.6
lost to NTSC IX	11410	942.9
lost to additional IX by ATV	5914	252.1
lost to all IX	17324	1195.0

Potential Interfering Stations Included in above Scenario 3

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	DTVPLN	DTVP0697	PLN
29A IA NEWTON	BPRM	20040322AHK	APP
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0173%

Result key: 4  
 Scenario 4 Affected station 24 WFTC  
 Before Analysis

Results for: 29N MN MINNEAPOLIS BLCT 19910823KG LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	2679059	22547.8
not affected by terrain losses	2671900	22312.6
lost to NTSC IX	11410	942.9
lost to additional IX by ATV	5444	205.5
lost to all IX	16854	1148.4

Potential Interfering Stations Included in above Scenario 4

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	DTVPLN	DTVP0697	PLN
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN

After Analysis

Results for: 29N MN MINNEAPOLIS BLCT 19910823KG LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	2679059	22547.8
not affected by terrain losses	2671900	22312.6
lost to NTSC IX	11410	942.9
lost to additional IX by ATV	5914	252.1
lost to all IX	17324	1195.0

Potential Interfering Stations Included in above Scenario 4

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	DTVPLN	DTVP0697	PLN
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0175%

Result key: 5

Scenario 5 Affected station 24 WFTC  
Before Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	5451	206.5	
lost to all IX	16861	1149.4	

Potential Interfering Stations Included in above Scenario 5

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	BLEDT	20040824AAF	LIC
29A IA NEWTON	BPRM	20040322AHK	APP
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	5914	252.1	
lost to all IX	17324	1195.0	

Potential Interfering Stations Included in above Scenario 5

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	BLEDT	20040824AAF	LIC
29A IA NEWTON	BPRM	20040322AHK	APP
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0173%

Result key: 6

Scenario 6 Affected station 24 WFTC  
Before Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	5444	205.5	
lost to all IX	16854	1148.4	

Potential Interfering Stations Included in above Scenario 6

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	BLEDT	20040824AAF	LIC
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN

29A WI WAUSAU                      DTVPLN      DTVP0772      PLN

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	5914	252.1	
lost to all IX	17324	1195.0	

Potential Interfering Stations Included in above Scenario      6

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	BLEDT	20040824AAF	LIC
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX =      0.0175%

Worst case new IX      0.0175% Scenario      1

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Analysis of Interference to Affected Station      25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29IE-D	ST. JAMES MN	BLDTL	-20080528AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KHVM-LD	MANKATO MN	89.7	LIC	BLDTL	-20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	155.2	CP MOD	BMPDTL	-20090430ABW
28	K56GF	SIOUX FALLS SD	178.2	CP	BDISDTT	-20060330AHQ
29	KFPX	NEWTON IA	278.5	APP	BPRM	-20040322AHK
29	K29EB	GRAND RAPIDS MN	371.1	CP	BDFCDTT	-20060331BGK
29	K29HU-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	157.4	LIC	BLCT	-19910823KG
29	K29GL	LINCOLN NE	410.4	CP	BDFCDTT	-20060330ACT
29	KSFY-DT	SIOUX FALLS SD	168.5	PLN	DTVPLN	-DTVP0765
30	K30JL-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	142.7	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	159.4	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	0.3	CP	BPTTL	-20080604AAR
29	FR29D	FROST2 MN	79.0	APP	USERRECORD-01	

Total scenarios =      2

Result key:      7  
Scenario      1      Affected station      25      K29IE-D

Before Analysis

Results for: 29A MN ST. JAMES                      BLDTL              20080528AAZ    LIC  
HAAT      1.0 m, ATV ERP      1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52684	4510.1
not affected by terrain losses	52684	4510.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	57	10.8
lost to ATV IX only	57	10.8
lost to all IX	57	10.8

Potential Interfering Stations Included in above Scenario      1

29A SD SIOUX FALLS                      DTVPLN              DTVP0765              PLN

After Analysis

Results for: 29A MN ST. JAMES                      BLDTL              20080528AAZ    LIC  
HAAT      1.0 m, ATV ERP      1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52684	4510.1
not affected by terrain losses	52684	4510.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	61	12.8
lost to ATV IX only	61	12.8
lost to all IX	61	12.8

Potential Interfering Stations Included in above Scenario      1

29A SD SIOUX FALLS                      DTVPLN              DTVP0765              PLN  
29A MN FROST2                      USERRECORD01              APP

Percent new IX =      0.0076%

Result key:              8  
Scenario              2    Affected station              25    K29IE-D  
Before Analysis

Results for: 29A MN ST. JAMES                      BLDTL              20080528AAZ    LIC  
HAAT      1.0 m, ATV ERP      1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52684	4510.1
not affected by terrain losses	52684	4510.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	57	10.8
lost to ATV IX only	57	10.8
lost to all IX	57	10.8

Potential Interfering Stations Included in above Scenario      2

29A SD SIOUX FALLS                      DTVPLN              DTVP0765              PLN

After Analysis

Results for: 29A MN ST. JAMES                      BLDTL              20080528AAZ    LIC  
HAAT      1.0 m, ATV ERP      1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52684	4510.1
not affected by terrain losses	52684	4510.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	61	12.8
lost to ATV IX only	61	12.8
lost to all IX	61	12.8

Potential Interfering Stations Included in above Scenario 2

29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0076%

Worst case new IX 0.0076% Scenario 1

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29GL	LINCOLN NE	BLTT	-20060106ADI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WOWT-DT	OMAHA NE	81.4	PLN	DTVPLN	-DTVP0495
25	KOLN-DT	LINCOLN NE	48.3	PLN	DTVPLN	-DTVP0610
28	KHNE-TV	HASTINGS NE	124.3	LIC	BLEDT	-20030409ABN
28	KHNE	HASTINGS NE	124.3	LIC	BPRM	-20000728AAH
29	KFPX	NEWTON IA	309.2	APP	BPRM	-20040322AHK
29	KPTS-DT	HUTCHINSON KS	313.3	PLN	DTVPLN	-DTVP0743
29	KUVR-LD	MCCOOK NE	347.2	LIC	BLDTL	-20070619AAU
29	KHJP-LP	VALENTINE NE	405.3	CP	BDFCDTL	-20060331AEC
29	KSFY-DT	SIOUX FALLS SD	310.3	PLN	DTVPLN	-DTVP0765
31	KLKN-DT	LINCOLN NE	60.7	PLN	DTVPLN	-DTVP0833
32	KBIN-TV	COUNCIL BLUFFS IA	87.7	LIC	BLET	-19860923KL
33	KBIN-TV	COUNCIL BLUFFS IA	87.7	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	87.7	PLN	DTVPLN	-DTVP0900
43	KPTM	OMAHA NE	50.1	APP	BMPCDT	-20040609AAB
43	KPTM-DT	OMAHA NE	50.2	PLN	DTVPLN	-DTVP1234
43	KPTM	OMAHA NE	50.1	LIC	BLCDT	-20051107AFO
29	FR29D	FROST2 MN	387.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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29 K29GL LINCOLN NE BDFCDTT -20060330ACT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KHNE-TV	HASTINGS NE	124.3	LIC	BLEDT	-20030409ABN
28	KHNE	HASTINGS NE	124.3	LIC	BPRM	-20000728AAH
29	KFPX	NEWTON IA	309.2	APP	BPRM	-20040322AHK
29	KPTS-DT	HUTCHINSON KS	313.3	PLN	DTVPLN	-DTVP0743
29	K29IE-D	ST. JAMES MN	410.4	LIC	BLDTL	-20080528AAZ
29	KUVR-LD	MCCOOK NE	347.2	LIC	BLDTL	-20070619AAU
29	KHJP-LP	VALENTINE NE	405.3	CP	BDFCDTL	-20060331AEC
29	KSFY-DT	SIOUX FALLS SD	310.3	PLN	DTVPLN	-DTVP0765
29	FR29D	FROST2 MN	387.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 28

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
29	KSFY-DT	SIOUX FALLS SD	DTVPLN	-DTVP0765

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KSIN-DT	SIOUX CITY IA	113.2	PLN	DTVPLN	-DTVP0706
28	KABY-DT	ABERDEEN SD	207.1	PLN	DTVPLN	-DTVP0726
29	WFTC	MINNEAPOLIS MN	320.8	PLN	DTVPLN	-NPLN1360
29	KHNETV	HASTINGS NE	331.1	PLN	DTVPLN	-NPLN1362
30	KCAU-DT	SIOUX CITY IA	106.5	PLN	DTVPLN	-DTVP0784

Results for: 29A SD SIOUX FALLS DTVPLN DTVP0765 PLN

HAAT 610.0 m, ATV ERP 769.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	566600	45458.4
not affected by terrain losses	543030	44667.0
lost to NTSC IX	7137	593.3
lost to additional IX by ATV	81186	2282.6
lost to ATV IX only	84146	2312.5
lost to all IX	88323	2875.9

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
13	KSFYTV	SIOUX FALLS SD	DTVPLN	-NPLN0863

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	KEYCTV	MANKATO MN	176.8	PLN	DTVPLN	-NPLN0771
12	KTTM	HURON SD	161.4	PLN	DTVPLN	-NPLN0794
13	WHOTV	DES MOINES IA	305.0	PLN	DTVPLN	-NPLN0826
13	KFME	FARGO ND	391.8	PLN	DTVPLN	-NPLN0846
13	KHGITV	KEARNEY NE	371.6	PLN	DTVPLN	-NPLN0849

Results for: 13N SD SIOUX FALLS	DTVPLN	NPLN0863	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	566600	45456.4	
not affected by terrain losses	473971	41761.2	
lost to NTSC IX	55301	6531.3	
lost to additional IX by ATV	0	0.0	
lost to all IX	55301	6531.3	

# Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	KSFY-TV	SIOUX FALLS SD	BLCDT	-20030404AAM

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KSIN-DT	SIOUX CITY IA	113.2	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	113.1	LIC	BLEDT	-20050726AMC
28	KABY-DT	ABERDEEN SD	207.1	PLN	DTVPLN	-DTVP0726
29	KFPX	NEWTON IA	331.0	APP	BPRM	-20040322AHK
29	WFTC	MINNEAPOLIS MN	320.8	LIC	BLCT	-19910823KG
30	KCAU-DT	SIOUX CITY IA	106.5	PLN	DTVPLN	-DTVP0784
29	FR29D	FROST2 MN	210.0	APP	USERRECORD-01	

Total scenarios = 6

Result key: 9

Scenario 1 Affected station 28 KSFY-TV  
Before Analysis

Results for: 29A SD SIOUX FALLS	BLCDT	20030404AAM	LIC
HAAT 589.0 m, ATV ERP 368.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	453838	39670.3	
not affected by terrain losses	442787	39337.8	
lost to NTSC IX	4098	426.1	
lost to additional IX by ATV	32813	1982.0	
lost to ATV IX only	32813	1982.0	
lost to all IX	36911	2408.0	

Potential Interfering Stations Included in above Scenario 1

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

## After Analysis

Results for: 29A SD SIOUX FALLS	BLCDT	20030404AAM	LIC
HAAT 589.0 m, ATV ERP 368.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	453838	39670.3	
not affected by terrain losses	442787	39337.8	
lost to NTSC IX	4098	426.1	
lost to additional IX by ATV	32813	1982.0	
lost to ATV IX only	32955	1998.9	

lost to all IX 36911 2408.0

Potential Interfering Stations Included in above Scenario 1

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 10  
Scenario 2 Affected station 28 KSFY-TV  
Before Analysis

Results for: 29A SD SIOUX FALLS BLC DT 20030404AAM LIC  
HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	32860	1990.9
lost to ATV IX only	32860	1990.9
lost to all IX	36958	2417.0

Potential Interfering Stations Included in above Scenario 2

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	BLED T	20050726AMC	LIC
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

After Analysis

Results for: 29A SD SIOUX FALLS BLC DT 20030404AAM LIC  
HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	32860	1990.9
lost to ATV IX only	33002	2007.9
lost to all IX	36958	2417.0

Potential Interfering Stations Included in above Scenario 2

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	BLED T	20050726AMC	LIC
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 11  
Scenario 3 Affected station 28 KSFY-TV  
Before Analysis

Results for: 29A SD SIOUX FALLS BLC DT 20030404AAM LIC

HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	33013	2005.9
lost to ATV IX only	33084	2012.8
lost to all IX	37111	2431.9

Potential Interfering Stations Included in above Scenario 3

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
29A IA NEWTON	BPRM	20040322AHK	APP
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

After Analysis

Results for: 29A SD SIOUX FALLS BLC DT 20030404AAM LIC  
HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	33013	2005.9
lost to ATV IX only	33226	2029.8
lost to all IX	37111	2431.9

Potential Interfering Stations Included in above Scenario 3

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
29A IA NEWTON	BPRM	20040322AHK	APP
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 12  
Scenario 4 Affected station 28 KSFY-TV  
Before Analysis

Results for: 29A SD SIOUX FALLS BLC DT 20030404AAM LIC  
HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	32813	1982.0
lost to ATV IX only	32813	1982.0
lost to all IX	36911	2408.0

Potential Interfering Stations Included in above Scenario 4

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

# After Analysis

Results for: 29A SD SIOUX FALLS                      BLCDDT                      20030404AAM    LIC  
 HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	32813	1982.0
lost to ATV IX only	32955	1998.9
lost to all IX	36911	2408.0

Potential Interfering Stations Included in above Scenario                      4

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX =                      0.0000%

Result key:                      13  
 Scenario                      5    Affected station                      28    KSFY-TV  
 Before Analysis

Results for: 29A SD SIOUX FALLS                      BLCDDT                      20030404AAM    LIC  
 HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	33060	2014.8
lost to ATV IX only	33131	2021.8
lost to all IX	37158	2440.9

Potential Interfering Stations Included in above Scenario                      5

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
29A IA NEWTON	BPRM	20040322AHK	APP
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

# After Analysis

Results for: 29A SD SIOUX FALLS                      BLCDDT                      20030404AAM    LIC  
 HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	33060	2014.8
lost to ATV IX only	33273	2038.7
lost to all IX	37158	2440.9

Potential Interfering Stations Included in above Scenario                      5

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
29A IA NEWTON	BPRM	20040322AHK	APP
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 14  
 Scenario 6 Affected station 28 KSFY-TV  
 Before Analysis

Results for: 29A SD SIOUX FALLS BLCDT 20030404AAM LIC  
 HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	32860	1990.9
lost to ATV IX only	32860	1990.9
lost to all IX	36958	2417.0

Potential Interfering Stations Included in above Scenario 6

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

After Analysis

Results for: 29A SD SIOUX FALLS BLCDT 20030404AAM LIC  
 HAAT 589.0 m, ATV ERP 368.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	4098	426.1
lost to additional IX by ATV	32860	1990.9
lost to ATV IX only	33002	2007.9
lost to all IX	36958	2417.0

Potential Interfering Stations Included in above Scenario 6

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 29

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	W65EE	JANESVILLE WI	BPTT -20031218AAS

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	WVCY-TV	MILWAUKEE WI	111.3	LIC	BLCDDT -20060619AAX
22	WVCY-DT	MILWAUKEE WI	111.0	PLN	DTVPLN -DTVP0510
25	WCGV-TV	MILWAUKEE WI	111.3	CP MOD	BMPCDT -20010920AAK
25	WCGV-DT	MILWAUKEE WI	111.0	PLN	DTVPLN -DTVP0625
26	WKOW-DT	MADISON WI	51.7	PLN	DTVPLN -DTVP0659
28	WCFC-LD	ROCKFORD IL	42.0	CP	BDCCDTL -20061030ADD
28	WTMJ-DT	MILWAUKEE WI	111.3	PLN	DTVPLN -DTVP0733
29	K61HD	DAVENPORT IA	167.1	CP	BDISDTT -20060328ACJ
29	KFPX	NEWTON IA	347.4	APP	BPRM -20040322AHK
29	WMAQ-TV	CHICAGO IL	153.5	LIC	BLCDDT -20010531ACY
29	WMAQ-DT	CHICAGO IL	153.5	PLN	DTVPLN -DTVP0742
29	WTTK	KOKOMO IN	372.6	LIC	BLCT -19880523KI
29	W29DG-D	TERRE HAUTE IN	381.5	CP	BDCCDTL -20061030AQO
29	WOMS-CA	MUSKEGON MI	258.2	CP	BDFCDTA -20060330ALZ
29	KHQA-DT	HANNIBAL MO	352.2	PLN	DTVPLN -DTVP0748
29	W29DJ	SHEBOYGAN WI	111.3	CP	BDFCDTL -20080408ABL
29	W29DJ	SHEBOYGAN WI	111.3	CP	BPTTL -20080311ABX
29	WAOW-DT	WAUSAU WI	252.1	PLN	DTVPLN -DTVP0772
30	WCRD-LP	CARTHAGE IL	43.3	CP	BDCCDTL -20061030AMS
30	W57DN	ELGIN IL	106.8	CP	BDISDTT -20060213ACF
30	WWAZ-TV	COLUMBUS WI	73.3	APP	BDRTCT -20090223ABW
32	WBUW	JANESVILLE WI	48.9	LIC	BLCDDT -20040930BHL
32	WJNW-DT	JANESVILLE WI	8.0	PLN	DTVPLN -DTVP0889
33	WITI-DT	MILWAUKEE WI	111.6	PLN	DTVPLN -DTVP0922
43	KFXB-DT	DUBUQUE IA	121.7	PLN	DTVPLN -DTVP1224
43	WWSR-TV	MAYVILLE WI	97.7	LIC	BLCDDT -20050825AEW
43	WWSR-DT	MAYVILLE WI	97.7	PLN	DTVPLN -DTVP1251
44	WCRD-LP	WINNEBAGO IL	43.3	CP	BPTTL -20050627ACM
44	WMMF-DT	FOND DU LAC WI	78.0	PLN	DTVPLN -DTVP1287
44	WWAZ-TV	FOND DU LAC WI	98.0	CP MOD	BMPCDT -20040209ABG
29	FR29D	FROST2 MN	400.2	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 30

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30JL-D	GRANITE FALLS MN	BDCCDTL -20061018ADG

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	K29HU-D	GRANITE FALLS MN	0.0	CP	BDCCDTL -20061019ABE
29	K29IE-D	ST. JAMES MN	109.8	LIC	BLDTL -20080528AAZ

30	KCAU-DT	SIOUX CITY IA	252.0	PLN	DTVPLN	-DTVP0784
30	NEW	DULUTH MN	346.9	APP	BSFDTL	-20060630AIX
30	WTMS-LD	MINNEAPOLIS, ETC. MN	182.7	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	168.6	LIC	BLDTL	-20080904AGG
30	K30FZ	WILLMAR MN	58.2	LIC	BLTT	-20000920ADB
30	WHLA-TV	LA CROSSE WI	352.9	LIC	BMLEDT	-20041013AAL
30	WHLA-DT	LA CROSSE WI	352.9	PLN	DTVPLN	-DTVP0809
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN	-DTVP0827
31	DK54AT	BRAINERD MN	199.7	CP	BDISDTT	-20060922ACP
31	K31JZ-D	JACKSON MN	141.5	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	109.8	CP MOD	BMPDTL	-20080512AFA
29	FR29D	FROST2 MN	188.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 31

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	WTMS-LD	MINNEAPOLIS, ETC. MN	BDCCDTL -20061010ANC

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	K29HU-D	GRANITE FALLS MN	182.7	CP	BDCCDTL -20061019ABE
29	WFTC	MINNEAPOLIS MN	14.8	LIC	BLCT -19910823KG
29	K29IE-D	ST. JAMES MN	142.7	LIC	BLDTL -20080528AAZ
30	KCAU-DT	SIOUX CITY IA	356.3	PLN	DTVPLN -DTVP0784
30	NEW	DULUTH MN	220.2	APP	BSFDTL -20060630AIX
30	K30JL-D	GRANITE FALLS MN	182.7	CP	BDCCDTL -20061018ADG
30	KTCJ-LP	ST. CLOUD MN	47.1	LIC	BLDTL -20080904AGG
30	WWAZ-TV	COLUMBUS WI	378.6	APP	BDRTCT -20090223ABW
30	WHLA-TV	LA CROSSE WI	199.5	LIC	BMLEDT -20041013AAL
30	WHLA-DT	LA CROSSE WI	199.5	PLN	DTVPLN -DTVP0809
31	DK54AT	BRAINERD MN	185.4	CP	BDISDTT -20060922ACP
31	K31JZ-D	JACKSON MN	205.0	CP	BDCCDTT -20070411ABT
31	WDMI-LP	MINNEAPOLIS MN	0.0	CP	BDISTTL -20070622ADM
31	K31JY-D	ST. JAMES MN	142.7	CP MOD	BMPDTL -20080512AFA
31	K31GH	HAYWARD WI	184.6	CP	BDFCDTT -20060331BGD
29	FR29D	FROST2 MN	163.1	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 32

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
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30 KTCJ-LP ST. CLOUD MN BLDTL -20080904AGG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29EB	GRAND RAPIDS MN	222.3	CP	BDFCDTT	-20060331BGK
29	K29HU-D	GRANITE FALLS MN	168.6	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	47.2	LIC	BLCT	-19910823KG
29	K29IE-D	ST. JAMES MN	159.4	LIC	BLDTL	-20080528AAZ
30	KCAU-DT	SIOUX CITY IA	373.0	PLN	DTVPLN	-DTVP0784
30	NEW	DULUTH MN	195.7	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	168.6	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	47.1	CP	BDCCDTL	-20061010ANC
30	WWAZ-TV	COLUMBUS WI	418.9	APP	BDRTCT	-20090223ABW
30	WHLA-TV	LA CROSSE WI	244.3	LIC	BMLEDT	-20041013AAL
30	WHLA-DT	LA CROSSE WI	244.3	PLN	DTVPLN	-DTVP0809
31	DK54AT	BRAINERD MN	138.3	CP	BDISDTT	-20060922ACP
31	K31JZ-D	JACKSON MN	223.8	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	159.4	CP MOD	BMPDTL	-20080512AFA
31	K31GH	HAYWARD WI	183.5	CP	BDFCDTT	-20060331BGD
29	FR29D	FROST2 MN	197.3	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30FN	ST. JAMES MN	BPTTL	-20080604AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF-DT	REDWOOD FALLS MN	82.6	PLN	DTVPLN	-DTVP0674
29	K29HU-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080528AAZ
30	KCAU-DT	SIOUX CITY IA	214.6	PLN	DTVPLN	-DTVP0784
30	NEW	DULUTH MN	354.9	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	142.6	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	159.4	LIC	BLDTL	-20080904AGG
30	WHLA-TV	LA CROSSE WI	260.4	LIC	BMLEDT	-20041013AAL
30	WHLA-DT	LA CROSSE WI	260.4	PLN	DTVPLN	-DTVP0809
31	K31JZ-D	JACKSON MN	64.4	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	0.3	CP MOD	BMPDTL	-20080512AFA
33	KAAL-DT	AUSTIN MN	127.2	PLN	DTVPLN	-DTVP0905
38	KEYC-DT	MANKATO MN	23.9	PLN	DTVPLN	-DTVP1052
45	K45KG-D	ST. JAMES MN	0.0	CP	BDCCDTL	-20061025AFD
29	FR29D	FROST2 MN	78.8	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 34

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30FN	ST. JAMES MN	BLTT	-19991102AAS

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF-DT	REDWOOD FALLS MN	82.6	PLN	DTVPLN	-DTVP0674
29	K29HU-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080528AAZ
30	KCAU-DT	SIOUX CITY IA	214.7	PLN	DTVPLN	-DTVP0784
30	NEW	DULUTH MN	354.9	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	142.5	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	159.3	LIC	BLDTL	-20080904AGG
30	WHLA-TV	LA CROSSE WI	260.4	LIC	BMLEDT	-20041013AAL
30	WHLA-DT	LA CROSSE WI	260.4	PLN	DTVPLN	-DTVP0809
31	K31JZ-D	JACKSON MN	64.5	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	0.3	CP MOD	BMPDTL	-20080512AFA
33	KAAL-DT	AUSTIN MN	127.2	PLN	DTVPLN	-DTVP0905
38	KEYC-DT	MANKATO MN	24.0	PLN	DTVPLN	-DTVP1052
45	K45KG-D	ST. JAMES MN	0.1	CP	BDCCDTL	-20061025AFD
29	FR29D	FROST2 MN	78.8	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 35

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30FZ	WILLMAR MN	BLTT	-20000920ADB

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF-DT	REDWOOD FALLS MN	83.6	PLN	DTVPLN	-DTVP0674
29	K29HU-D	GRANITE FALLS MN	58.2	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	122.8	LIC	BLDTL	-20080528AAZ
30	KCAU-DT	SIOUX CITY IA	302.1	PLN	DTVPLN	-DTVP0784
30	NEW	DULUTH MN	288.7	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	58.2	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	140.7	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	116.8	LIC	BLDTL	-20080904AGG
30	K30FN	ST. JAMES MN	123.0	CP	BPTTL	-20080604AAR
30	WHLA-TV	LA CROSSE WI	328.4	LIC	BMLEDT	-20041013AAL
30	WHLA-DT	LA CROSSE WI	328.4	PLN	DTVPLN	-DTVP0809
31	KWCM-DT	APPLETON MN	75.0	PLN	DTVPLN	-DTVP0827
31	DK54AT	BRAINERD MN	146.8	CP	BDISDTT	-20060922ACP
31	K31JZ-D	JACKSON MN	173.8	CP	BDCCDTT	-20070411ABT

31	K31JY-D	ST. JAMES MN	122.8	CP MOD	BMPDTL	-20080512AFA
38	KEYC-DT	MANKATO MN	145.5	PLN	DTVPLN	-DTVP1052
45	K45KG-D	ST. JAMES MN	123.0	CP	BDCCDTL	-20061025AFD
29	FR29D	FROST2 MN	196.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 36

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	K31EF	FROST MN	BLTTL -19950314IG

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KYIN	MASON CITY IA	91.6	LIC	BLET -19860923KJ
30	K30JL-D	GRANITE FALLS MN	188.8	CP	BDCCDTL -20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	163.1	CP	BDCCDTL -20061010ANC
30	KTCJ-LP	ST. CLOUD MN	197.3	LIC	BLDTL -20080904AGG
31	KCCI	DES MOINES IA	199.0	LIC	BLCDDT -20050628ABX
31	KCCI-DT	DES MOINES IA	199.0	PLN	DTVPLN -DTVP0821
31	KWCM-DT	APPLETON MN	240.8	PLN	DTVPLN -DTVP0827
31	DK54AT	BRAINERD MN	318.1	CP	BDISDTT -20060922ACP
31	K31JZ-D	JACKSON MN	85.6	CP	BDCCDTT -20070411ABT
31	K31JY-D	ST. JAMES MN	79.0	CP MOD	BMPDTL -20080512AFA
31	K31GH	HAYWARD WI	334.0	CP	BDFCDTT -20060331BGD
31	WHLA-TV	LA CROSSE WI	207.2	LIC	BMLET -20041013AAM
32	K32HY-D	FROST MN	0.0	CP	BDCCDTL -20061020AAM
32	K32GX-D	ST. JAMES MN	78.8	LIC	BLDTL -20080505AAZ
33	KAAL-DT	AUSTIN MN	62.6	PLN	DTVPLN -DTVP0905
38	KEYC-DT	MANKATO MN	55.0	PLN	DTVPLN -DTVP1052
46	KXLT-DT	ROCHESTER MN	132.9	PLN	DTVPLN -DTVP1331
46	KXLT-TV	ROCHESTER MN	113.1	CP MOD	BMPCDT -20060615ABX
29	FR29D	FROST2 MN	0.0	APP	USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 37

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	K33AB	SIBLEY, ETC. IA	BLTT -19790731IA

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KTIN-DT	FORT DODGE IA	121.1	PLN	DTVPLN -DTVP0600
25	KTIN	FORT DODGE IA	121.1	LIC	BLEDT -20070822ACB

26	KDLT-DT	MITCHELL SD	139.5	PLN	DTVPLN	-DTVP0652
29	KSFY-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN	-DTVP0765
30	KCAU-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP0784
32	K32HY-D	FROST MN	141.9	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	116.5	LIC	BLDTL	-20080505AAZ
32	KELO-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN	-DTVP0881
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	239.2	PLN	DTVPLN	-DTVP0900
33	KAAL	MASON CITY IA	172.0	APP	BDRTCT	-20090515AAW
33	KAAL-DT	AUSTIN MN	204.5	PLN	DTVPLN	-DTVP0905
33	K33JK-D	GRANITE FALLS MN	156.0	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	116.4	CP MOD	BMPDTL	-20080512AEZ
33	DK57CN	WABASHA MN	307.1	CP	BDISDTT	-20071128AAS
33	K33AC-D	PAWNEE CITY NE	362.2	LIC	BLDTT	-20081114ACQ
33	K33GX	SPRINGFIELD SD	198.7	CP	BDFCDTT	-20060331BBJ
34	KBVK-LD	SPENCER IA	47.6	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	141.9	CP MOD	BMPDTL	-20080226AAO
34	K34JZ-D	FROST MN	141.9	LIC	BLDTL	-20080505ACC
34	K34JF-D	GRANITE FALLS MN	156.0	CP	BDCCDTL	-20061019ABH
34	K34JY-D	JACKSON MN	59.1	CP	BDCCDTL	-20070503AAV
34	K34JX-D	ST. JAMES MN	116.5	LIC	BLDTL	-20080505AAX
34	K34IB-D	DECATUR NE	162.5	LIC	BLDTT	-20081125APS
34	KUSD-DT	VERMILLION SD	98.5	PLN	DTVPLN	-DTVP0955
40	NEW -DT	SIOUX FALLS SD	92.1	PLN	DTVPLN	-DTVP1140
41	KTIV-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP1158
41	KTIV	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDT	-20050829AAT
47	NEW -DT	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1372
48	K48KX-D	FROST MN	141.9	CP	BDCCDTL	-20061019ACR
29	FR29D	FROST2 MN	141.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 38

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	K33AB	SIBLEY, ETC. IA	BPTT -20060322ACK

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KTIN-DT	FORT DODGE IA	121.1	PLN	DTVPLN -DTVP0600
25	KTIN	FORT DODGE IA	121.1	LIC	BLEDT -20070822ACB
26	KDLT-DT	MITCHELL SD	139.5	PLN	DTVPLN -DTVP0652
29	KSFY-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN -DTVP0765
30	KCAU-DT	SIOUX CITY IA	101.6	PLN	DTVPLN -DTVP0784
32	K32HY-D	FROST MN	141.9	CP	BDCCDTL -20061020AAM
32	K32GX-D	ST. JAMES MN	116.5	LIC	BLDTL -20080505AAZ
32	KELO-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN -DTVP0881
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	LIC	BLEDT -20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	239.2	PLN	DTVPLN -DTVP0900

33	KAAL	MASON CITY IA	172.0	APP	BDRTCT	-20090515AAW
33	KAAL-DT	AUSTIN MN	204.5	PLN	DTVPLN	-DTVP0905
33	K33JK-D	GRANITE FALLS MN	156.0	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	116.4	CP MOD	BMPDTL	-20080512AEZ
33	DK57CN	WABASHA MN	307.1	CP	BDISDTT	-20071128AAS
33	K33AC-D	PAWNEE CITY NE	362.2	LIC	BLDTT	-20081114ACQ
33	K33GX	SPRINGFIELD SD	198.7	CP	BDFCDTT	-20060331BBJ
34	KBVK-LD	SPENCER IA	47.6	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	141.9	CP MOD	BMPDTL	-20080226AAO
34	K34JZ-D	FROST MN	141.9	LIC	BLDTL	-20080505ACC
34	K34JF-D	GRANITE FALLS MN	156.0	CP	BDCCDTL	-20061019ABH
34	K34JY-D	JACKSON MN	59.1	CP	BDCCDTL	-20070503AAV
34	K34JX-D	ST. JAMES MN	116.5	LIC	BLDTL	-20080505AAX
34	K34IB-D	DECATUR NE	162.5	LIC	BLDTT	-20081125APS
34	KUSD-DT	VERMILLION SD	98.5	PLN	DTVPLN	-DTVP0955
36	KWSD	SIOUX FALLS SD	73.6	LIC	BLCT	-20001108ABE
40	NEW -DT	SIOUX FALLS SD	92.1	PLN	DTVPLN	-DTVP1140
41	KTIV-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP1158
41	KTIV	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDT	-20050829AAT
47	NEW -DT	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1372
48	K48KX-D	FROST MN	141.9	CP	BDCCDTL	-20061019ACR
29	FR29D	FROST2 MN	141.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 39

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	K36FI	FROST MN	BLTTL	-20020426AAV

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	KAAL-DT	AUSTIN MN	62.6	PLN	DTVPLN	-DTVP0905
35	KCWL-LD	STORM LAKE IA	143.4	CP	BDCCDTL	-20061030ASL
35	K35IU-D	FROST MN	0.0	CP	BDCCDTL	-20061020AAL
35	NEW	ST. PAUL MN	163.1	APP	BDCCDTL	-20061030AMP
36	KQIN	DAVENPORT IA	356.8	LIC	BLET	-19911230KE
36	K36IT-D	DES MOINES IA	216.4	CP	BDCCDTL	-20061012ACX
36	KHIN	RED OAK IA	271.8	LIC	BLET	-19860923KP
36	KSAXDR	ALEXANDRIA MN	254.8	LIC	BPRM	-20010423AFQ
36	K36IV-D	JACKSON MN	85.6	LIC	BLDTL	-20080505ABE
36	KTTC-DT	ROCHESTER MN	121.0	PLN	DTVPLN	-DTVP1021
36	NEW	ST. JAMES MN	78.8	APP	BDCCDTL	-20061020ABP
36	KWSD	SIOUX FALLS SD	213.1	LIC	BLCT	-20001108ABE
36	W08CK	MADISON-MIDDLETON WI	372.0	APP	BDISDTL	-20090518AAD
36	WLEF-TV	PARK FALLS WI	389.8	CP	BPEDT	-20080211ACC
38	KEYC-DT	MANKATO MN	55.0	PLN	DTVPLN	-DTVP1052
51	K51KB	FROST MN	0.0	APP	BSTA	-20061006AAJ
51	K51KB	FROST MN	0.0	LIC	BLTTL	-20070316ABX

51 K58GC ROCHESTER MN 137.1 CP MOD BMPDTL -20080929AHB  
 29 FR29D FROST2 MN 0.0 APP USERRECORD-01  
 Proposal causes no interference

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# Analysis of Interference to Affected Station 40

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	FR29D	FROST2 MN	USERRECORD-01

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KHVM-LD	MANKATO MN	101.1	LIC	BLDTL -20080616ADV
28	KHVM-LD	MINNEAPOLIS MN	175.3	CP MOD	BMPDTL -20090430ABW
28	K56GF	SIOUX FALLS SD	221.9	CP	BDISDTT -20060330AHQ
29	K61HD	DAVENPORT IA	362.3	CP	BDISDTT -20060328ACJ
29	KFPX	NEWTON IA	205.1	APP	BPRM -20040322AHK
29	K29EB	GRAND RAPIDS MN	419.3	CP	BDFCDTT -20060331BGK
29	K29HU-D	GRANITE FALLS MN	188.8	CP	BDCCDTL -20061019ABE
29	WFTC	MINNEAPOLIS MN	175.7	LIC	BLCT -19910823KG
29	K29IE-D	ST. JAMES MN	79.0	LIC	BLDTL -20080528AAZ
29	K29GL	LINCOLN NE	387.0	CP	BDFCDTT -20060330ACT
29	KSFY-DT	SIOUX FALLS SD	210.0	PLN	DTVPLN -DTVP0765
29	WAOW-DT	WAUSAU WI	368.5	PLN	DTVPLN -DTVP0772
30	K30JL-D	GRANITE FALLS MN	188.8	CP	BDCCDTL -20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	163.1	CP	BDCCDTL -20061010ANC
30	KTCJ-LP	ST. CLOUD MN	197.3	LIC	BLDTL -20080904AGG

Total scenarios = 1

Result key: 15

Scenario 1 Affected station 40 FR29D  
 Before Analysis

Results for: 29A MN FROST2 USERRECORD01 APP

HAAT 86.0 m, ATV ERP 3.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	25031	3618.6
not affected by terrain losses	25031	3618.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	111	44.7
lost to ATV IX only	111	44.7
lost to all IX	111	44.7

Potential Interfering Stations Included in above Scenario 1

29A MN ST. JAMES	BLDTL	20080528AAZ	LIC
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED