

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-02-2009 Time: 14:03:30

Record Selected for Analysis

K31EF-D USERRECORD-01 FROST2 MN US
Channel 31 ERP 3. 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	3.000	96.2	34.2
45.0	3.000	87.1	33.1
90.0	3.000	77.5	31.8
135.0	3.000	67.3	30.3
180.0	3.000	77.1	31.7
225.0	3.000	86.4	33.0
270.0	3.000	97.3	34.3
315.0	3.000	96.2	34.2

Contour Overlap to Proposed Station

Station
K31EF 31 FROST MN BLTTL19950314IG

Station inside contour of Digital LPTV station
K31EF-D 31 FROST2 MN USERRECORD01

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

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
31	K31EF-D	FROST2 MN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	K23FY	FROST MN	0.0	LIC	BLTTL	-20031010ACD
27	K27FI	FROST MN	0.0	LIC	BLTTL	-19950314IJ
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	LIC	BLTT	-19991102AAS
30	K30FN	ST. JAMES MN	78.8	CP	BPTTL	-20080604AAR
30	K30FZ	WILLMAR MN	196.7	LIC	BLTT	-20000920ADB
31	K31ED	OTTUMWA IA	317.5	LIC	BLTTL	-20001218ABJ
31	DK54AT	BRAINERD MN	318.1	CP	BDISDTT	-20060922ACP
31	K31JZ-D	JACKSON MN	85.6	CP	BDCCDTT	-20070411ABT
31	WDMI-LP	MINNEAPOLIS MN	163.1	CP	BDISTTL	-20070622ADM
31	K31JY-D	ST. JAMES MN	79.0	LIC	BLDTL	-20080825AAQ
31	K31DP	YANKTON SD	297.3	LIC	BLTT	-19930728JD
31	W48BY	BEAVER DAM WI	406.7	APP	BPTTL	-20011119AAV
31	K31GH	HAYWARD WI	334.0	CP	BDFCDTT	-20060331BGD
31	K31GH	HAYWARD WI	334.0	LIC	BLTTL	-20020729AAS
31	WFXS-DR	WITTENBERG WI	390.7	APP	BPRM	-20080612ADX
31	WFXS	WITTENBERG WI	390.7	CP MOD	BMPCDT	-20081117ACB
32	K32HY-D	FROST MN	0.0	CP	BDCCDTL	-20061020AAM
32	K32DR	GRANITE FALLS MN	188.8	LIC	BLTTL	-19940517JE
32	WCCO-TV	MINNEAPOLIS MN	175.7	LIC	BLCDDT	-20010921ABB
32	K32GX-D	ST. JAMES MN	78.8	LIC	BLDTL	-20080505AAZ
33	DK33ED	IOWA FALLS, ETC. IA	143.9	LIC	BLTTL	-19980318JJ
33	K33AB	SIBLEY, ETC. IA	141.9	LIC	BLTT	-19790731IA
33	K33AB	SIBLEY, ETC. IA	141.9	CP	BPTT	-20060322ACK
34	K34HO	WILLMAR MN	196.7	LIC	BLTTL	-20040901ACS
35	K35DK	GRANITE FALLS MN	188.8	LIC	BLTTL	-19930217IP
35	K57IX	JACKSON MN	85.6	CP	BDISTTL	-20060720ACV
35	K35DC	ST. JAMES MN	79.0	LIC	BLTTL	-19970522JJ
35	K35DC	ST. JAMES MN	79.0	CP	BPTTL	-20080602AHN
39	K39JI	FROST MN	0.0	APP	BSTA	-20061006AAF
39	K39JI	FROST MN	0.0	LIC	BLTTL	-20070316AAP
39	K69DP	GRANITE FALLS MN	188.8	CP	BDISTTL	-20060720ADB
39	K39CH	REDWOOD FALLS MN	135.8	LIC	BLTTL	-19890831IG

39 K39FE WILLMAR MN 196.7 LIC BLTT -20020212AAC

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
23	K23FY	FROST MN	BLTTL	-20031010ACD

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-TV	AUSTIN MN	113.1	PLN	DTVPLN	-DTVP0725
22	K22IA-D	FROST MN	0.0	CP	BDCCDTL	-20061020ABM
22	K22HZ-D	JACKSON MN	85.6	CP	BDCCDTL	-20061019ACX
22	KRRD-LD	ROCHESTER MN	128.9	CP	BDCCDTL	-20061026AFL
23	KCWI-TV	AMES IA	196.9	PLN	DTVPLN	-DTVP0837
23	KCWI-TV	AMES IA	196.8	CP	BPCDT	-20080314ABC
23	WQPT-TV	MOLINE IL	385.5	LIC	BLEDT	-20030702AAR
23	WQPT-TV	MOLINE IL	385.5	PLN	DTVPLN	-DTVP0839
23	K23JG-D	ST. JAMES MN	78.8	CP	BDCCDTL	-20061025AFA
23	KTCI-DR	ST. PAUL MN	175.7	APP	BPRM	-20090424ADI
23	KKAZ-LD	OMAHA NE	308.8	CP	BDCCDTL	-20061030ASQ
24	K24HN-D	JACKSON MN	85.6	CP	BDCCDTL	-20061020ABL
25	KTIN	FORT DODGE IA	93.9	LIC	BLEDT	-20070822ACB
25	KTIN	FORT DODGE IA	93.9	PLN	DTVPLN	-DTVP0915
31	K31EF	FROST MN	0.0	LIC	BLTTL	-19950314IG
31	K31EF-D	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.
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-TV	AUSTIN MN	113.1	PLN	DTVPLN	-DTVP0725
25	KTIN	FORT DODGE IA	93.9	LIC	BLEDT	-20070822ACB
25	KTIN	FORT DODGE IA	93.9	PLN	DTVPLN	-DTVP0915
26	K26IP-D	FROST MN	0.0	CP	BDCCDTL	-20061019ACQ
26	W26DI-D	LA CROSSE WI	206.9	CP	BDCCDTL	-20061030AQE
27	KFXA	CEDAR RAPIDS IA	224.0	LIC	BLCDT	-20050713ABD
27	KFXA	CEDAR RAPIDS IA	224.0	PLN	DTVPLN	-DTVP0990
27	K27JH-D	COUNCIL BLUFFS IA	302.6	CP	BDCCDTL	-20061030AOZ
27	K27JC-D	ALEXANDRIA MN	287.1	CP	BDCCDTT	-20061013ACU

27	KCWV	DULUTH MN	383.4	APP	BMPCDT	-20080617ACJ
27	KCWV	DULUTH MN	383.0	PLN	DTVPLN	-DTVP0995
27	KCWV	DULUTH MN	383.4	CP MOD	BMPCDT	-20080221ACC
27	KRWF	REDWOOD FALLS MN	159.8	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	159.8	PLN	DTVPLN	-DTVP0996
27	KAZK-LP	O'NEILL NE	401.1	CP	BDFCDTL	-20060331AHD
27	WHWC-TV	MENOMONIE WI	231.0	LIC	BLEDT	-20040824AAF
27	WHWC-TV	MENOMONIE WI	231.0	PLN	DTVPLN	-DTVP1017
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
31	K31EF	FROST MN	0.0	LIC	BLTTL	-19950314IG
42	KIMT	MASON CITY IA	99.2	LIC	BLCDT	-20071113AEE
42	KIMT	MASON CITY IA	91.6	PLN	DTVPLN	-DTVP1499
42	KIMT	MASON CITY IA	99.2	CP	BPCDT	-20080613AAA
42	K42HX-D	JACKSON MN	85.6	CP	BDCCDTL	-20061019ACT
31	K31EF-D	FROST2 MN	0.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

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	K29IF-D	FROST MN	188.8	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	188.8	CP MOD	BMPDTL	-20080116AAN
29	K29HU-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	109.8	LIC	BLDTL	-20080528AAZ
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-TV	LA CROSSE WI	352.9	PLN	DTVPLN	-DTVP1122
31	DK54AT	BRAINERD MN	199.7	CP	BDISDTT	-20060922ACP
31	K31EF	FROST MN	188.8	LIC	BLTTL	-19950314IG
31	K31JZ-D	JACKSON MN	141.5	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	109.8	LIC	BLDTL	-20080825AAQ
31	K31EF-D	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 4

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	K29IF-D	FROST MN	163.1	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	163.1	CP MOD	BMPDTL	-20080116AAN
29	K29HU-D	GRANITE FALLS MN	182.7	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	14.8	CP MOD	BMPCDT	-20080311ABZ
29	WFTC	MINNEAPOLIS MN	14.8	PLN	DTVPLN	-DTVP1069
29	K29IE-D	ST. JAMES MN	142.7	LIC	BLDTL	-20080528AAZ
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-TV	LA CROSSE WI	199.5	PLN	DTVPLN	-DTVP1122
31	DK54AT	BRAINERD MN	185.4	CP	BDISDTT	-20060922ACP
31	K31EF	FROST MN	163.1	LIC	BLTTL	-19950314IG
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	LIC	BLDTL	-20080825AAQ
31	K31GH	HAYWARD WI	184.6	CP	BDFCDTT	-20060331BGD
31	K31EF-D	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 5

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	K29IF-D	FROST MN	197.3	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	197.3	CP MOD	BMPDTL	-20080116AAN
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	CP MOD	BMPCDT	-20080311ABZ
29	WFTC	MINNEAPOLIS MN	47.2	PLN	DTVPLN	-DTVP1069
29	K29IE-D	ST. JAMES MN	159.4	LIC	BLDTL	-20080528AAZ
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-TV	LA CROSSE WI	244.3	PLN	DTVPLN	-DTVP1122
31	DK54AT	BRAINERD MN	138.3	CP	BDISDTT	-20060922ACP

31	K31EF	FROST MN	197.3	LIC	BLTTL	-19950314IG
31	K31JZ-D	JACKSON MN	223.8	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	159.4	LIC	BLDTL	-20080825AAQ
31	K31GH	HAYWARD WI	183.5	CP	BDFCDTT	-20060331BGD
31	K31EF-D	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 6

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	REDWOOD FALLS MN	82.6	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	82.6	PLN	DTVPLN	-DTVP0996
29	K29IF-D	FROST MN	78.8	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	78.8	CP MOD	BMPDTL	-20080116AAN
29	K29HU-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080528AAZ
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-TV	LA CROSSE WI	260.4	PLN	DTVPLN	-DTVP1122
31	K31EF	FROST MN	78.8	LIC	BLTTL	-19950314IG
31	K31JZ-D	JACKSON MN	64.5	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080825AAQ
45	K45KG-D	ST. JAMES MN	0.1	CP	BDCCDTL	-20061025AFD
31	K31EF-D	FROST2 MN	78.8	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.
30	K30FN	ST. JAMES MN	BPTTL	-20080604AAR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF	REDWOOD FALLS MN	82.6	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	82.6	PLN	DTVPLN	-DTVP0996
29	K29IF-D	FROST MN	78.8	LIC	BLDTL	-20080505ABD

29	K29IF-D	FROST MN	78.8	CP MOD	BMPDTL	-20080116AAN
29	K29HU-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080528AAZ
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-TV	LA CROSSE WI	260.4	PLN	DTVPLN	-DTVP1122
31	K31EF	FROST MN	78.8	LIC	BLTTTL	-19950314IG
31	K31JZ-D	JACKSON MN	64.4	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080825AAQ
45	K45KG-D	ST. JAMES MN	0.0	CP	BDCCDTL	-20061025AFD
31	K31EF-D	FROST2 MN	78.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

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	REDWOOD FALLS MN	83.6	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	83.6	PLN	DTVPLN	-DTVP0996
29	K29IF-D	FROST MN	196.7	LIC	BLDTL	-20080505ABD
29	K29IF-D	FROST MN	196.7	CP MOD	BMPDTL	-20080116AAN
29	K29HU-D	GRANITE FALLS MN	58.2	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	122.8	LIC	BLDTL	-20080528AAZ
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-TV	LA CROSSE WI	328.4	PLN	DTVPLN	-DTVP1122
31	DK54AT	BRAINERD MN	146.8	CP	BDISDTT	-20060922ACP
31	K31EF	FROST MN	196.7	LIC	BLTTTL	-19950314IG
31	K31JZ-D	JACKSON MN	173.8	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	122.8	LIC	BLDTL	-20080825AAQ
45	K45KG-D	ST. JAMES MN	123.0	CP	BDCCDTL	-20061025AFD
31	K31EF-D	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 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31ED	OTTUMWA IA	BLTTL	-20001218ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KCWI-TV	AMES IA	139.9	PLN	DTVPLN	-DTVP0837
23	KCWI-TV	AMES IA	139.9	CP	BPCDT	-20080314ABC
27	KFXA	CEDAR RAPIDS IA	127.8	LIC	BLCDT	-20050713ABD
27	KFXA	CEDAR RAPIDS IA	127.8	PLN	DTVPLN	-DTVP0990
31	K31EF	FROST MN	317.5	LIC	BLTTL	-19950314IG
31	K31JZ-D	JACKSON MN	362.7	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	393.2	LIC	BLDTL	-20080825AAQ
31	KCWE	KANSAS CITY MO	276.0	LIC	BLCDT	-20051014ABT
31	KCWE	KANSAS CITY MO	276.0	PLN	DTVPLN	-DTVP1145
31	KDNL-TV	ST. LOUIS MO	318.4	LIC	BLCDT	-20021216AAE
31	KDNL-TV	ST. LOUIS MO	318.4	PLN	DTVPLN	-DTVP1146
32	K32ID-D	DES MOINES IA	126.0	CP	BDCCDTL	-20061030AKM
33	KTVO	KIRKSVILLE MO	48.4	LIC	BLCDT	-20030604AAC
33	KTVO	KIRKSVILLE MO	48.4	PLN	DTVPLN	-DTVP1219
34	WQEC	QUINCY IL	143.1	LIC	BLEDT	-20040715ADL
34	WQEC	QUINCY IL	143.1	PLN	DTVPLN	-DTVP1253
39	KFPX	NEWTON IA	139.9	CP MOD	BMPCDT	-20080620AMG
39	KFPX	NEWTON IA	116.6	PLN	DTVPLN	-DTVP1398
46	KRUB-LP	CEDAR RAPIDS IA	121.9	CP	BDCCDTL	-20061030AOD
31	K31EF-D	FROST2 MN	317.5	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	DK54AT	BRAINERD MN	BDISDTT	-20060922ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	NEW	DULUTH MN	183.1	APP	BSFDTL	-20060630AIX
30	K30JL-D	GRANITE FALLS MN	199.7	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	185.4	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	138.3	LIC	BLDTL	-20080904AGG
31	K31EF	FROST MN	318.1	LIC	BLTTL	-19950314IG
31	WRPT	HIBBING MN	156.4	CP MOD	BMPEDT	-20080611AAD
31	WRPT	HIBBING MN	156.4	PLN	DTVPLN	-DTVP1144
31	K31JZ-D	JACKSON MN	316.1	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	257.5	LIC	BLDTL	-20080825AAQ
31	K31GH	HAYWARD WI	239.9	CP	BDFCDTT	-20060331BGD
31	K31EF-D	FROST2 MN	318.1	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.
31	K31JZ-D	JACKSON MN	BDCCDTT	-20070411ABT

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	K30JL-D	GRANITE FALLS MN	141.5	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	205.0	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	223.8	LIC	BLDTL	-20080904AGG
31	DK54AT	BRAINERD MN	316.1	CP	BDISDTT	-20060922ACP
31	K31EF	FROST MN	85.6	LIC	BLTTL	-19950314IG
31	K31JY-D	ST. JAMES MN	64.3	LIC	BLDTL	-20080825AAQ
31	K31GH	HAYWARD WI	388.4	CP	BDFCDTT	-20060331BGD
32	K32HY-D	FROST MN	85.6	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	64.4	LIC	BLDTL	-20080505AAZ
31	K31EF-D	FROST2 MN	85.6	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1

Scenario 1 Affected station 11 K31JZ-D

Before Analysis

Results for: 31A MN JACKSON BDCCDTT 20070411ABT CP
HAAT 1.0 m, ATV ERP 0.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	26052	2138.1
not affected by terrain losses	26052	2138.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	112	62.6
lost to ATV IX only	112	62.6
lost to all IX	112	62.6

Potential Interfering Stations Included in above Scenario 1

31A MN ST. JAMES BLDTL 20080825AAQ LIC

After Analysis

Results for: 31A MN JACKSON BDCCDTT 20070411ABT CP
HAAT 1.0 m, ATV ERP 0.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	26052	2138.1
not affected by terrain losses	26052	2138.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	139	65.6
lost to ATV IX only	139	65.6
lost to all IX	139	65.6

Potential Interfering Stations Included in above Scenario 1

31A MN ST. JAMES BLDTL 20080825AAQ LIC
31A MN FROST2 USERRECORD01 APP

Percent new IX = 0.1041%

Result key: 2
Scenario 2 Affected station 11 K31JZ-D
Before Analysis

Results for: 31A MN JACKSON BDCCDTT 20070411ABT CP
HAAT 1.0 m, ATV ERP 0.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	26052	2138.1
not affected by terrain losses	26052	2138.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	112	62.6
lost to ATV IX only	112	62.6
lost to all IX	112	62.6

Potential Interfering Stations Included in above Scenario 2

31A MN ST. JAMES BLDTL 20080825AAQ LIC

After Analysis

Results for: 31A MN JACKSON BDCCDTT 20070411ABT CP
HAAT 1.0 m, ATV ERP 0.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	26052	2138.1
not affected by terrain losses	26052	2138.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	139	65.6
lost to ATV IX only	139	65.6
lost to all IX	139	65.6

Potential Interfering Stations Included in above Scenario 2

31A MN ST. JAMES BLDTL 20080825AAQ LIC
31A MN FROST2 USERRECORD01 APP

Percent new IX = 0.1041%

Worst case new IX 0.1041% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WDMI-LP	MINNEAPOLIS MN	BDISTTL -20070622ADM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	KTCI-DR	ST. PAUL MN	14.8	APP	BPRM	-20090424ADI
27	WHWC-TV	MENOMONIE WI	111.0	LIC	BLEDT	-20040824AAF
27	WHWC-TV	MENOMONIE WI	111.0	PLN	DTVPLN	-DTVP1017
29	WFTC	MINNEAPOLIS MN	14.8	CP MOD	BMPCDT	-20080311ABZ
29	WFTC	MINNEAPOLIS MN	14.8	PLN	DTVPLN	-DTVP1069
30	K30JL-D	GRANITE FALLS MN	182.7	CP	BDCCDTL	-20061018ADG
30	WTMS-LD	MINNEAPOLIS, ETC. MN	0.0	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	47.1	LIC	BLDTL	-20080904AGG
31	DK54AT	BRAINERD MN	185.4	CP	BDISDTT	-20060922ACP
31	K31EF	FROST MN	163.1	LIC	BLTTL	-19950314IG
31	WRPT	HIBBING MN	268.5	CP MOD	BMPEDT	-20080611AAD
31	WRPT	HIBBING MN	268.5	PLN	DTVPLN	-DTVP1144
31	K31JZ-D	JACKSON MN	205.0	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	142.7	LIC	BLDTL	-20080825AAQ
31	K31GH	HAYWARD WI	184.6	CP	BDFCDTT	-20060331BGD
31	K31GH	HAYWARD WI	184.6	LIC	BLTTL	-20020729AAS
31	WFXS-DR	WITTENBERG WI	299.2	APP	BPRM	-20080612ADX
31	WFXS	WITTENBERG WI	299.2	PLN	DTVPLN	-DTVP1162
31	WFXS	WITTENBERG WI	299.2	CP MOD	BMPCDT	-20081117ACB
32	K32HY-D	FROST MN	163.1	CP	BDCCDTL	-20061020AAM
32	WCCO-TV	MINNEAPOLIS MN	14.2	LIC	BLCDDT	-20010921ABB
32	WCCO-TV	MINNEAPOLIS MN	14.2	PLN	DTVPLN	-DTVP1183
32	K32GX-D	ST. JAMES MN	142.6	LIC	BLDTL	-20080505AAZ
34	KTCA-TV	SAINT PAUL MN	14.8	LIC	BLEDT	-20060802AAO
34	KTCA-TV	ST. PAUL MN	14.8	PLN	DTVPLN	-DTVP1257
35	KSTP-TV	ST. PAUL MN	14.2	PLN	DTVPLN	-DTVP1297
35	KSTP-TV	ST. PAUL MN	14.2	CP	BPCDDT	-20080321ABD
38	KTCI-DR	ST. PAUL MN	14.8	APP	BPRM	-20080620AFM
45	KSTC-TV	MINNEAPOLIS MN	14.2	CP	BPCDDT	-20080321ABG
45	KSTC-TV	MINNEAPOLIS MN	14.2	PLN	DTVPLN	-DTVP1620
31	K31EF-D	FROST2 MN	163.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31JY-D	ST. JAMES MN	BLDTL	-20080825AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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
31	DK54AT	BRAINERD MN	257.5	CP	BDISDTT	-20060922ACP
31	K31EF	FROST MN	79.0	LIC	BLTTL	-19950314IG
31	WRPT	HIBBING MN	385.5	CP MOD	BMPEDT	-20080611AAD
31	WRPT	HIBBING MN	385.5	PLN	DTVPLN	-DTVP1144
31	K31JZ-D	JACKSON MN	64.3	CP	BDCCDTT	-20070411ABT
31	K31GH	HAYWARD WI	327.2	CP	BDFCDTT	-20060331BGD

32	K32HY-D	FROST MN	79.0	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080505AAZ
31	K31EF-D	FROST2 MN	79.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 13 K31JY-D
Before Analysis

Results for: 31A MN ST. JAMES BLDTL 20080825AAQ LIC
HAAT 1.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52981	4456.8
not affected by terrain losses	52981	4456.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2543	188.2
lost to ATV IX only	2543	188.2
lost to all IX	2543	188.2

Potential Interfering Stations Included in above Scenario 1

31A MN JACKSON	BDCCDTT	20070411ABT	CP
32A MN ST. JAMES	BLDTL	20080505AAZ	LIC

After Analysis

Results for: 31A MN ST. JAMES BLDTL 20080825AAQ LIC
HAAT 1.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52981	4456.8
not affected by terrain losses	52981	4456.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2543	188.2
lost to ATV IX only	2543	188.2
lost to all IX	2543	188.2

Potential Interfering Stations Included in above Scenario 1

31A MN JACKSON	BDCCDTT	20070411ABT	CP
32A MN ST. JAMES	BLDTL	20080505AAZ	LIC
31A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0000%

Result key: 4
Scenario 2 Affected station 13 K31JY-D
Before Analysis

Results for: 31A MN ST. JAMES BLDTL 20080825AAQ LIC
HAAT 1.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52981	4456.8
not affected by terrain losses	52981	4456.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2543	188.2

lost to ATV IX only	2543	188.2
lost to all IX	2543	188.2

Potential Interfering Stations Included in above Scenario 2

31A MN JACKSON	BDCCDTT	20070411ABT	CP
32A MN ST. JAMES	BLDTL	20080505AAZ	LIC

After Analysis

Results for: 31A MN ST. JAMES BLDTL 20080825AAQ LIC
 HAAT 1.0 m, ATV ERP 1.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52981	4456.8
not affected by terrain losses	52981	4456.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2543	188.2
lost to ATV IX only	2543	188.2
lost to all IX	2543	188.2

Potential Interfering Stations Included in above Scenario 2

31A MN JACKSON	BDCCDTT	20070411ABT	CP
32A MN ST. JAMES	BLDTL	20080505AAZ	LIC
31A 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 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31DP	YANKTON SD	BLTT	-19930728JD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KCSD-TV	SIOUX FALLS SD	111.7	CP	BPEDT	-20080618ABO
24	KCSD-TV	SIOUX FALLS SD	111.7	PLN	DTVPLN	-DTVP0896
24	KCSD-TV	SIOUX FALLS SD	111.7	LIC	BLEDT	-20040112ACM
28	KSIN-TV	SIOUX CITY IA	93.1	LIC	BLEDT	-20050726AMC
28	KSIN-TV	SIOUX CITY IA	93.1	PLN	DTVPLN	-DTVP1027
31	K31EF	FROST MN	297.3	LIC	BLTTL	-19950314IG
31	K31JZ-D	JACKSON MN	218.2	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	273.3	LIC	BLDTL	-20080825AAQ
31	WCWY-LD	VALENTINE NE	257.5	LIC	BLDTL	-20070308AFS
31	WCWY-LD	VALENTINE NE	254.5	CP	BDFCDTL	-20060331AEI
32	K53GC	NELIGH NE	91.8	CP	BDISDTT	-20060329ANK
34	KUSD-TV	VERMILLION SD	61.8	LIC	BLEDT	-20060908AAD
34	KUSD-TV	VERMILLION SD	61.8	PLN	DTVPLN	-DTVP1272
34	KUSD-TV	VERMILLION SD	61.8	CP	BPEDT	-20090527AGS

39	KMEG	SIOUX CITY IA	97.9	LIC	BLCDDT	-20070129AAZ
39	KMEG	SIOUX CITY IA	97.9	PLN	DTVPLN	-DTVP1399
46	KAZJ-LP	NORFOLK NE	78.2	CP	BDFCDTL	-20060331AEX
31	K31EF-D	FROST2 MN	297.3	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.
31	W48BY	BEAVER DAM WI	BPTTL -20011119AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	WBAY-TV	GREEN BAY WI	136.7	LIC	BMLCDT -20040723ADS
23	WBAY-TV	GREEN BAY WI	136.7	PLN	DTVPLN -DTVP0862
27	WACY	APPLETON WI	132.8	CP MOD	BMPCDT -20061114ABU
27	WACY	APPLETON WI	132.8	PLN	DTVPLN -DTVP1016
27	WACY	APPLETON WI	132.8	APP	BMPCDT -20080620AHO
28	WTMJ-TV	MILWAUKEE WI	85.9	LIC	BLCDDT -20001218ACR
28	WTMJ-TV	MILWAUKEE WI	85.9	PLN	DTVPLN -DTVP1057
30	WCRD-LP	CARTHAGE IL	120.5	CP	BDCCDTL -20061030AMS
30	W57DN	ELGIN IL	160.7	CP	BDISDTT -20060213ACF
30	WWAZ-TV	COLUMBUS WI	16.8	APP	BDRTCT -20090223ABW
31	WFLD	CHICAGO IL	194.4	CP	BPCDDT -20080616AAN
31	WFLD	CHICAGO IL	194.4	PLN	DTVPLN -DTVP1136
31	WFLD	CHICAGO IL	194.4	LIC	BLCDDT -20050606ABF
31	W31BX-D	DANVILLE IL	374.8	LIC	BLDDTT -20090304ABU
31	W52DB	MUSKEGON MI	221.7	CP	BDISDTT -20060202AAB
31	K31EF	FROST MN	406.7	LIC	BLTTTL -19950314IG
31	K31GH	HAYWARD WI	353.7	CP	BDFCDTT -20060331BGD
31	WBWT-LP	MILWAUKEE WI	85.6	CP	BDCCDTL -20061025ADF
31	WFXS-DR	WITTENBERG WI	193.7	APP	BPRM -20080612ADX
31	WFXS	WITTENBERG WI	193.7	PLN	DTVPLN -DTVP1162
31	WFXS	WITTENBERG WI	193.7	CP MOD	BMPCDT -20081117ACB
32	WBUW	JANESVILLE WI	59.1	LIC	BLCDDT -20040930BHL
32	WBUW	JANESVILLE WI	59.1	PLN	DTVPLN -DTVP1203
33	WITI	MILWAUKEE WI	85.6	CP MOD	BMPCDT -20080620ANH
33	WITI	MILWAUKEE WI	86.4	PLN	DTVPLN -DTVP1237
33	WITI	MILWAUKEE WI	86.3	APP	BMPCDT -20081204ADM
34	WISN-TV	MILWAUKEE WI	83.1	LIC	BLCDDT -20050412ADP
34	WISN-TV	MILWAUKEE WI	83.1	PLN	DTVPLN -DTVP1278
35	WMVT	MILWAUKEE WI	85.6	CP	BPEDT -20090310ADX
35	WMVT	MILWAUKEE WI	85.6	PLN	DTVPLN -DTVP1311
35	WMVT	MILWAUKEE WI	85.6	LIC	BLEDDT -20041207AAK
39	WFRV-TV	GREEN BAY WI	130.5	LIC	BLCDDT -20051004ABD
39	WFRV-TV	GREEN BAY WI	130.5	PLN	DTVPLN -DTVP1421
46	WDJT-TV	MILWAUKEE WI	83.0	CP MOD	BMPCDT -20000419ABR
46	WDJT-TV	MILWAUKEE WI	83.0	PLN	DTVPLN -DTVP1664
31	K31EF-D	FROST2 MN	406.7	APP	USERRECORD-01

Proposed station is beyond the site to

nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31GH	HAYWARD WI	BDFCDTT	-20060331BGD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	NEW	DULUTH MN	103.8	APP	BSFDTL	-20060630AIX
30	WTMS-LD	MINNEAPOLIS, ETC. MN	184.6	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	183.5	LIC	BLDTL	-20080904AGG
31	DK54AT	BRAINERD MN	239.9	CP	BDISDTT	-20060922ACP
31	K31EF	FROST MN	334.0	LIC	BLTTL	-19950314IG
31	WRPT	HIBBING MN	194.0	CP MOD	BMPEDT	-20080611AAD
31	WRPT	HIBBING MN	194.0	PLN	DTVPLN	-DTVP1144
31	K31JZ-D	JACKSON MN	388.4	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	327.2	LIC	BLDTL	-20080825AAQ
31	WBWT-LP	MILWAUKEE WI	425.2	CP	BDCCDTL	-20061025ADF
31	WFXS-DR	WITTENBERG WI	183.7	APP	BPRM	-20080612ADX
31	WFXS	WITTENBERG WI	183.7	PLN	DTVPLN	-DTVP1162
31	WFXS	WITTENBERG WI	183.7	CP MOD	BMPCDT	-20081117ACB
32	W32CV	IRONWOOD MI	105.5	CP	BDFCDTT	-20060331BFS
31	K31EF-D	FROST2 MN	334.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31GH	HAYWARD WI	BLTTL	-20020729AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KCWV	DULUTH MN	104.0	APP	BMPCDT	-20080617ACJ
27	KCWV	DULUTH MN	103.6	PLN	DTVPLN	-DTVP0995
27	KCWV	DULUTH MN	104.0	CP MOD	BMPCDT	-20080221ACC
27	WHWC-TV	MENOMONIE WI	111.6	LIC	BLEDT	-20040824AAF
27	WHWC-TV	MENOMONIE WI	111.6	PLN	DTVPLN	-DTVP1017
30	NEW	DULUTH MN	103.8	APP	BSFDTL	-20060630AIX
30	WTMS-LD	MINNEAPOLIS, ETC. MN	184.6	CP	BDCCDTL	-20061010ANC
30	KTCJ-LP	ST. CLOUD MN	183.5	LIC	BLDTL	-20080904AGG
31	DK54AT	BRAINERD MN	239.9	CP	BDISDTT	-20060922ACP
31	K31EF	FROST MN	334.0	LIC	BLTTL	-19950314IG
31	WRPT	HIBBING MN	194.0	CP MOD	BMPEDT	-20080611AAD
31	WRPT	HIBBING MN	194.0	PLN	DTVPLN	-DTVP1144

31	K31JZ-D	JACKSON MN	388.4	CP	BDCCDTT	-20070411ABT
31	WDMI-LP	MINNEAPOLIS MN	184.6	CP	BDISTTL	-20070622ADM
31	K31JY-D	ST. JAMES MN	327.2	LIC	BLDTL	-20080825AAQ
31	WFXS-DR	WITTENBERG WI	183.7	APP	BPRM	-20080612ADX
31	WFXS	WITTENBERG WI	183.7	PLN	DTVPLN	-DTVP1162
31	WFXS	WITTENBERG WI	183.7	CP MOD	BMPCDT	-20081117ACB
32	W32CV	IRONWOOD MI	105.5	CP	BDFCDTT	-20060331BFS
33	KDLH	DULUTH MN	103.5	LIC	BLCDT	-20071113AJQ
33	KDLH	DULUTH MN	103.5	PLN	DTVPLN	-DTVP1218
31	K31EF-D	FROST2 MN	334.0	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.
31	WFXS-DR	WITTENBERG WI	BPRM -20080612ADX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WHLA-TV	LA CROSSE WI	205.3	LIC	BMLEDT -20041013AAL
30	WHLA-TV	LA CROSSE WI	205.3	PLN	DTVPLN -DTVP1122
31	WFLD	CHICAGO IL	382.7	CP	BPCDT -20080616AAN
31	WFLD	CHICAGO IL	382.7	PLN	DTVPLN -DTVP1136
31	WFLD	CHICAGO IL	382.7	LIC	BLCDT -20050606ABF
31	WRPT	HIBBING MN	372.5	CP MOD	BMPEDT -20080611AAD
31	WRPT	HIBBING MN	372.5	PLN	DTVPLN -DTVP1144
32	WBUW	JANESVILLE WI	222.9	LIC	BLCDT -20040930BHL
32	WBUW	JANESVILLE WI	222.9	PLN	DTVPLN -DTVP1203
31	K31EF-D	FROST2 MN	390.7	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WFXS	WITTENBERG WI	BMPCDT -20081117ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WHLA-TV	LA CROSSE WI	205.3	LIC	BMLEDT -20041013AAL
30	WHLA-TV	LA CROSSE WI	205.3	PLN	DTVPLN -DTVP1122
31	WFLD	CHICAGO IL	382.7	CP	BPCDT -20080616AAN
31	WFLD	CHICAGO IL	382.7	PLN	DTVPLN -DTVP1136
31	WFLD	CHICAGO IL	382.7	LIC	BLCDT -20050606ABF
31	WRPT	HIBBING MN	372.5	CP MOD	BMPEDT -20080611AAD
31	WRPT	HIBBING MN	372.5	PLN	DTVPLN -DTVP1144

32	WBUW	JANESVILLE WI	222.9	LIC	BLCDT	-20040930BHL
32	WBUW	JANESVILLE WI	222.9	PLN	DTVPLN	-DTVP1203
31	K31EF-D	FROST2 MN	390.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	K32HY-D	FROST MN	BDCCDTL	-20061020AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	K31EF	FROST MN	0.0	LIC	BLTTL	-19950314IG
31	K31JZ-D	JACKSON MN	85.6	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	79.0	LIC	BLDTL	-20080825AAQ
32	K32ID-D	DES MOINES IA	215.4	CP	BDCCDTL	-20061030AKM
32	WCCO-TV	MINNEAPOLIS MN	175.7	LIC	BLCDT	-20010921ABB
32	WCCO-TV	MINNEAPOLIS MN	175.7	PLN	DTVPLN	-DTVP1183
32	K32GX-D	ST. JAMES MN	78.8	LIC	BLDTL	-20080505AAZ
32	K53GC	NELIGH NE	375.4	CP	BDISDTT	-20060329ANK
32	WBUW	JANESVILLE WI	364.1	LIC	BLCDT	-20040930BHL
32	WBUW	JANESVILLE WI	364.1	PLN	DTVPLN	-DTVP1203
33	KAAL	MASON CITY IA	60.2	APP	BDRTCT	-20090515AAW
33	K33JK-D	GRANITE FALLS MN	188.8	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	79.0	CP MOD	BMPDTL	-20080512AEZ
33	DK57CN	WABASHA MN	171.7	CP	BDISDTT	-20071128AAS
31	K31EF-D	FROST2 MN	0.0	APP	USERRECORD-01	

Total scenarios = 1

Result key: 5

Scenario 1 Affected station 20 K32HY-D
Before Analysis

Results for: 32A MN FROST BDCCDTL 20061020AAM CP

HAAT	1.0 m, ATV ERP	0.2 kW
	POPULATION	AREA (sq km)
within Noise Limited Contour	7889	1019.0
not affected by terrain losses	7889	1019.0
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

After Analysis

Results for: 32A MN FROST BDCCDTL 20061020AAM CP

HAAT	1.0 m, ATV ERP	0.2 kW	
		POPULATION	AREA (sq km)
within Noise Limited Contour		7889	1019.0
not affected by terrain losses		7889	1019.0
lost to NTSC IX		0	0.0
lost to additional IX by ATV		7889	1016.0
lost to ATV IX only		7889	1016.0
lost to all IX		7889	1016.0

Potential Interfering Stations Included in above Scenario 1

31A MN FROST2 USERRECORD01 APP

The following station failed the de minimis interference criteria.

31D MN FROST2 USERRECORD01
 ERP 3.00 kW HAAT 86.0 m RCAMSL 433.0 m
 Antenna none

Due to interference to the following station and scenario: 1

32D MN FROST BDCCDTL 20061020AAM
 ERP 0.15 kW HAAT 1.0 m RCAMSL 434.0 m
 Antenna CDB 99999999999999

Percent Service lost without proposal:	0.0	to BDCCDTL	20061020AAM
Percent Service lost with proposal:	100.0	to BDCCDTL	20061020AAM

Worst case new IX 100.0000% Scenario 1

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
32	K32DR	GRANITE FALLS MN	BLTTL -19940517JE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	DK54AT	BRAINERD MN	199.7	CP	BDISDTT -20060922ACP
31	K31EF	FROST MN	188.8	LIC	BLTTL -19950314IG
31	K31JZ-D	JACKSON MN	141.5	CP	BDCCDTT -20070411ABT
31	K31JY-D	ST. JAMES MN	109.8	LIC	BLDTL -20080825AAQ
32	K32ID-D	DES MOINES IA	384.6	CP	BDCCDTL -20061030AKM
32	K32HY-D	FROST MN	188.8	CP	BDCCDTL -20061020AAM
32	WCCO-TV	MINNEAPOLIS MN	194.2	LIC	BLCDT -20010921ABB
32	WCCO-TV	MINNEAPOLIS MN	194.2	PLN	DTVPLN -DTVP1183
32	K32GX-D	ST. JAMES MN	110.1	LIC	BLDTL -20080505AAZ
32	K53GC	NELIGH NE	364.8	CP	BDISDTT -20060329ANK
33	K33JK-D	GRANITE FALLS MN	0.0	CP	BDCCDTL -20061019ABF
33	K33JX-D	ST. JAMES MN	109.8	CP MOD	BMPDTL -20080512AEZ
47	K47EA	GRANITE FALLS MN	0.0	LIC	BLTTL -19930917JD
47	K47IC	MILBANK SD	118.0	CP	BDFCDTT -20060331AYC
31	K31EF-D	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 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	WCCO-TV	MINNEAPOLIS MN	BLCDT	-20010921ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
32	WBUW	JANESVILLE WI	367.5	LIC	BLCDT	-20040930BHL
32	WBUW	JANESVILLE WI	367.5	PLN	DTVPLN	-DTVP1203
33	KDLH	DULUTH MN	207.7	LIC	BLCDT	-20071113AJQ
33	KDLH	DULUTH MN	207.7	PLN	DTVPLN	-DTVP1218
31	K31EF-D	FROST2 MN	175.7	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.
32	K32GX-D	ST. JAMES MN	BLDTL	-20080505AAZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	K31EF	FROST MN	78.8	LIC	BLTTL	-19950314IG
31	K31JZ-D	JACKSON MN	64.4	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080825AAQ
32	K32ID-D	DES MOINES IA	283.6	CP	BDCCDTL	-20061030AKM
32	K32HY-D	FROST MN	78.8	CP	BDCCDTL	-20061020AAM
32	WCCO-TV	MINNEAPOLIS MN	156.7	LIC	BLCDT	-20010921ABB
32	WCCO-TV	MINNEAPOLIS MN	156.7	PLN	DTVPLN	-DTVP1183
32	K53GC	NELIGH NE	360.7	CP	BDISDTT	-20060329ANK
33	KAAL	MASON CITY IA	137.8	APP	BDRTCT	-20090515AAW
33	K33JK-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	0.3	CP MOD	BMPDTL	-20080512AEZ
33	DK57CN	WABASHA MN	202.5	CP	BDISDTT	-20071128AAS
31	K31EF-D	FROST2 MN	78.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
33	DK33ED	IOWA FALLS, ETC. IA	BLTTL	-19980318JJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KTIN	FORT DODGE IA	94.0	LIC	BLEDT	-20070822ACB
25	KTIN	FORT DODGE IA	94.0	PLN	DTVPLN	-DTVP0915
31	K31EF	FROST MN	143.9	LIC	BLTTL	-19950314IG
32	K32ID-D	DES MOINES IA	75.2	CP	BDCCDTL	-20061030AKM
32	K32HY-D	FROST MN	143.9	CP	BDCCDTL	-20061020AAM
33	KBIN-TV	COUNCIL BLUFFS IA	230.2	LIC	BLEDT	-20050711ABX
33	KBIN-TV	COUNCIL BLUFFS IA	230.2	PLN	DTVPLN	-DTVP1217
33	KAAL	MASON CITY IA	86.1	APP	BDRTCT	-20090515AAW
33	K33AB	SIBLEY, ETC. IA	215.2	CP	BPTT	-20060322ACK
33	W50DD	PEORIA IL	380.1	CP	BDISDTT	-20060328ABW
33	K33JK-D	GRANITE FALLS MN	322.9	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	217.2	CP MOD	BMPDTL	-20080512AEZ
33	DK57CN	WABASHA MN	252.3	CP	BDISDTT	-20071128AAS
33	KTVO	KIRKSVILLE MO	218.2	LIC	BLCDDT	-20030604AAC
33	KTVO	KIRKSVILLE MO	218.2	PLN	DTVPLN	-DTVP1219
33	K33AC-D	PAWNEE CITY NE	339.6	LIC	BLDDT	-20081114ACQ
33	K33GX	SPRINGFIELD SD	373.0	CP	BDFCDTT	-20060331BBJ
34	KEFB	AMES IA	45.5	CP	BPEDT	-20080808ABH
34	KEFB	AMES IA	45.5	PLN	DTVPLN	-DTVP1249
34	KBVK-LD	SPENCER IA	168.3	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	143.9	LIC	BLDTL	-20080505ACC
34	K34JZ-D	FROST MN	143.9	CP MOD	BMPDTL	-20080226AAO
34	K34JY-D	JACKSON MN	187.7	CP	BDCCDTL	-20070503AAV
35	KRIN	WATERLOO IA	132.2	LIC	BLEDT	-20050218ABQ
35	KRIN	WATERLOO IA	132.2	PLN	DTVPLN	-DTVP1290
36	KAAL	AUSTIN MN	145.9	PLN	DTVPLN	-DTVP1334
47	KPXR	CEDAR RAPIDS IA	130.4	LIC	BLCDDT	-20020510AAO
47	KPXR	CEDAR RAPIDS IA	130.4	PLN	DTVPLN	-DTVP1672
31	K31EF-D	FROST2 MN	143.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 25

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	FORT DODGE IA	121.1	LIC	BLEDT	-20070822ACB
25	KTIN	FORT DODGE IA	121.1	PLN	DTVPLN	-DTVP0915
31	K31EF	FROST MN	141.9	LIC	BLTTL	-19950314IG

32	K32HY-D	FROST MN	141.9	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	116.5	LIC	BLDTL	-20080505AAZ
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	LIC	BLEDT	-20050711ABX
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	PLN	DTVPLN	-DTVP1217
33	KAAL	MASON CITY IA	172.0	APP	BDRTCT	-20090515AAW
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	LIC	BLDTL	-20080505ACC
34	K34JZ-D	FROST MN	141.9	CP MOD	BMPDTL	-20080226AAO
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-TV	VERMILLION SD	98.3	LIC	BLEDT	-20060908AAD
34	KUSD-TV	VERMILLION SD	98.3	PLN	DTVPLN	-DTVP1272
34	KUSD-TV	VERMILLION SD	98.3	CP	BPEDT	-20090527AGS
36	KWSD	SIOUX FALLS SD	73.6	CP	BPCDT	-20080321ACM
36	KWSD	SIOUX FALLS SD	73.6	PLN	DTVPLN	-DTVP1347
41	KTIV	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
41	KTIV	SIOUX CITY IA	101.2	PLN	DTVPLN	-DTVP1468
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDT	-20050829AAT
47	KDLT-TV	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1691
48	K48KX-D	FROST MN	141.9	CP	BDCCDTL	-20061019ACR
31	K31EF-D	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 26

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	FORT DODGE IA	121.1	LIC	BLEDT	-20070822ACB
25	KTIN	FORT DODGE IA	121.1	PLN	DTVPLN	-DTVP0915
31	K31EF	FROST MN	141.9	LIC	BLTTL	-19950314IG
32	K32HY-D	FROST MN	141.9	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	116.5	LIC	BLDTL	-20080505AAZ
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	LIC	BLEDT	-20050711ABX
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	PLN	DTVPLN	-DTVP1217
33	KAAL	MASON CITY IA	172.0	APP	BDRTCT	-20090515AAW
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	LIC	BLDTL	-20080505ACC
34	K34JZ-D	FROST MN	141.9	CP MOD	BMPDTL	-20080226AAO
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-TV	VERMILLION SD	98.3	LIC	BLEDT	-20060908AAD
34	KUSD-TV	VERMILLION SD	98.3	PLN	DTVPLN	-DTVP1272
34	KUSD-TV	VERMILLION SD	98.3	CP	BPEDT	-20090527AGS
36	KWSD	SIOUX FALLS SD	73.6	CP	BPCDT	-20080321ACM
36	KWSD	SIOUX FALLS SD	73.6	PLN	DTVPLN	-DTVP1347
41	KTIV	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
41	KTIV	SIOUX CITY IA	101.2	PLN	DTVPLN	-DTVP1468
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDT	-20050829AAT
47	KDLT-TV	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1691
48	K48KX-D	FROST MN	141.9	CP	BDCCDTL	-20061019ACR
31	K31EF-D	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 27

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	K34HO	WILLMAR MN	BLTTL	-20040901ACS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF	REDWOOD FALLS MN	83.6	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	83.6	PLN	DTVPLN	-DTVP0996
31	K31EF	FROST MN	196.7	LIC	BLTTL	-19950314IG
33	K33JK-D	GRANITE FALLS MN	58.3	CP	BDCCDTL	-20061019ABF
33	K33JX-D	ST. JAMES MN	122.8	CP MOD	BMPDTL	-20080512AEZ
34	KEFB	AMES IA	369.3	CP	BPEDT	-20080808ABH
34	KEFB	AMES IA	369.3	PLN	DTVPLN	-DTVP1249
34	KBVK-LD	SPENCER IA	215.3	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	196.7	LIC	BLDTL	-20080505ACC
34	K34JZ-D	FROST MN	196.7	CP MOD	BMPDTL	-20080226AAO
34	K34JF-D	GRANITE FALLS MN	58.3	CP	BDCCDTL	-20061019ABH
34	K34JY-D	JACKSON MN	173.8	CP	BDCCDTL	-20070503AAV
34	KTCA-TV	SAINT PAUL MN	151.0	LIC	BLEDT	-20060802AAO
34	K34JX-D	ST. JAMES MN	122.9	LIC	BLDTL	-20080505AAX
34	KTCA-TV	ST. PAUL MN	151.0	PLN	DTVPLN	-DTVP1257
34	K34IR-D	WALKER MN	217.2	CP	BDCCDTT	-20060929BHS
34	K34IB-D	DECATUR NE	364.6	LIC	BLDTT	-20081125APS
34	KUSD-TV	VERMILLION SD	273.1	LIC	BLEDT	-20060908AAD
34	KUSD-TV	VERMILLION SD	273.1	PLN	DTVPLN	-DTVP1272
34	KUSD-TV	VERMILLION SD	273.1	CP	BPEDT	-20090527AGS
35	K35IU-D	FROST MN	196.7	CP	BDCCDTL	-20061020AAL

35	NEW	ST. PAUL MN	140.6	APP	BDCCDTL	-20061030AMP
35	K35GR	BADGER SD	188.8	CP	BDFCDTT	-20060331AZR
42	KSAX	ALEXANDRIA MN	60.2	CP MOD	BMPCDT	-20090415AIU
42	KSAX	ALEXANDRIA MN	60.2	PLN	DTVPLN	-DTVP1508
49	K49KM-D	GRANITE FALLS MN	58.3	CP	BDCCDTL	-20070517AAB
31	K31EF-D	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 28

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	K35DK	GRANITE FALLS MN	BLTTL	-19930217IP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF	REDWOOD FALLS MN	36.3	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	36.3	PLN	DTVPLN	-DTVP0996
31	K31EF	FROST MN	188.8	LIC	BLTTL	-19950314IG
34	KBVK-LD	SPENCER IA	178.7	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	188.8	LIC	BLDTL	-20080505ACC
34	K34JZ-D	FROST MN	188.8	CP MOD	BMPDTL	-20080226AAO
34	K34JF-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABH
34	K34JY-D	JACKSON MN	141.5	CP	BDCCDTL	-20070503AAV
34	K34JX-D	ST. JAMES MN	110.1	LIC	BLDTL	-20080505AAX
35	KHIN	RED OAK IA	385.5	LIC	BLEDT	-20051116AED
35	KHIN	RED OAK IA	385.5	PLN	DTVPLN	-DTVP1289
35	KCWL-LD	STORM LAKE IA	238.2	CP	BDCCDTL	-20061030ASL
35	K35IU-D	FROST MN	188.8	CP	BDCCDTL	-20061020AAL
35	NEW	ST. PAUL MN	182.7	APP	BDCCDTL	-20061030AMP
35	KSTP-TV	ST. PAUL MN	194.2	PLN	DTVPLN	-DTVP1297
35	KSTP-TV	ST. PAUL MN	194.2	CP	BPCDT	-20080321ABD
35	K35IE-D	WALKER MN	265.9	CP	BDCCDTT	-20060929BHY
35	K35FM	NORFOLK NE	340.2	CP	BDFCDTT	-20060330AEZ
35	K35IG-D	ABERDEEN SD	242.7	CP	BDCCDTL	-20061003AEB
35	K35GR	BADGER SD	135.8	CP	BDFCDTT	-20060331AZR
36	K36IV-D	JACKSON MN	141.5	LIC	BLDTL	-20080505ABE
36	NEW	ST. JAMES MN	110.1	APP	BDCCDTL	-20061020ABP
42	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT	-20090415AIU
42	KSAX	ALEXANDRIA MN	104.4	PLN	DTVPLN	-DTVP1508
50	K50KP-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20070517AAD
31	K31EF-D	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 29

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	K57IX	JACKSON MN	BDISTTL -20060720ACV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KRWF	REDWOOD FALLS MN	105.7	CP	BPCDT -20080320AEK
27	KRWF	REDWOOD FALLS MN	105.7	PLN	DTVPLN -DTVP0996
31	K31EF	FROST MN	85.6	LIC	BLTTL -19950314IG
34	KBVK-LD	SPENCER IA	43.0	CP	BDCCDTL -20070508AAV
34	K34JZ-D	FROST MN	85.6	LIC	BLDTL -20080505ACC
34	K34JZ-D	FROST MN	85.6	CP MOD	BMPDTL -20080226AAO
34	K34JF-D	GRANITE FALLS MN	141.5	CP	BDCCDTL -20061019ABH
34	K34JY-D	JACKSON MN	0.0	CP	BDCCDTL -20070503AAV
34	K34JX-D	ST. JAMES MN	64.4	LIC	BLDTL -20080505AAX
34	K34IB-D	DECATUR NE	205.3	LIC	BLDTT -20081125APS
35	KHIN	RED OAK IA	252.0	LIC	BLEDT -20051116AED
35	KHIN	RED OAK IA	252.0	PLN	DTVPLN -DTVP1289
35	KCWL-LD	STORM LAKE IA	103.8	CP	BDCCDTL -20061030ASL
35	KRIN	WATERLOO IA	292.3	LIC	BLEDT -20050218ABQ
35	KRIN	WATERLOO IA	292.3	PLN	DTVPLN -DTVP1290
35	K35IU-D	FROST MN	85.6	CP	BDCCDTL -20061020AAL
35	K35DC	ST. JAMES MN	64.3	CP	BPTTL -20080602AHN
35	NEW	ST. PAUL MN	205.0	APP	BDCCDTL -20061030AMP
35	KSTP-TV	ST. PAUL MN	219.1	PLN	DTVPLN -DTVP1297
35	KSTP-TV	ST. PAUL MN	219.1	CP	BPCDT -20080321ABD
35	K35IE-D	WALKER MN	389.2	CP	BDCCDTT -20060929BHY
35	K35FM	NORFOLK NE	260.3	CP	BDFCDTT -20060330AEZ
35	K35IG-D	ABERDEEN SD	348.8	CP	BDCCDTL -20061003AEB
35	K35GR	BADGER SD	204.6	CP	BDFCDTT -20060331AZR
36	K36IV-D	JACKSON MN	0.0	LIC	BLDTL -20080505ABE
36	NEW	ST. JAMES MN	64.4	APP	BDCCDTL -20061020ABP
36	KWSD	SIOUX FALLS SD	127.7	CP	BPCDT -20080321ACM
36	KWSD	SIOUX FALLS SD	127.7	PLN	DTVPLN -DTVP1347
50	K50KD-D	FROST MN	85.6	CP	BDCCDTL -20061020AAK
50	K50KP-D	GRANITE FALLS MN	141.5	CP	BDCCDTL -20070517AAD
50	K61GE	JACKSON MN	0.0	CP	BDISTTL -20060720ACY
31	K31EF-D	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 30

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	K35DC	ST. JAMES MN	BLTTL -19970522JJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF	REDWOOD FALLS MN	82.4	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	82.4	PLN	DTVPLN	-DTVP0996
31	K31EF	FROST MN	79.0	LIC	BLTTL	-19950314IG
34	KBVK-LD	SPENCER IA	106.6	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	79.0	LIC	BLDTL	-20080505ACC
34	K34JZ-D	FROST MN	79.0	CP MOD	BMPDTL	-20080226AAO
34	K34JF-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061019ABH
34	K34JY-D	JACKSON MN	64.3	CP	BDCCDTL	-20070503AAV
34	K34JX-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080505AAX
35	KHIN	RED OAK IA	311.8	LIC	BLEDT	-20051116AED
35	KHIN	RED OAK IA	311.8	PLN	DTVPLN	-DTVP1289
35	KCWL-LD	STORM LAKE IA	165.7	CP	BDCCDTL	-20061030ASL
35	KRIN	WATERLOO IA	298.2	LIC	BLEDT	-20050218ABQ
35	KRIN	WATERLOO IA	298.2	PLN	DTVPLN	-DTVP1290
35	K35IU-D	FROST MN	79.0	CP	BDCCDTL	-20061020AAL
35	K57IX	JACKSON MN	64.3	CP	BDISTTL	-20060720ACV
35	NEW	ST. PAUL MN	142.7	APP	BDCCDTL	-20061030AMP
35	KSTP-TV	ST. PAUL MN	156.8	PLN	DTVPLN	-DTVP1297
35	KSTP-TV	ST. PAUL MN	156.8	CP	BPCDT	-20080321ABD
35	K35IE-D	WALKER MN	331.8	CP	BDCCDTT	-20060929BHY
35	K35FM	NORFOLK NE	321.7	CP	BDFCDTT	-20060330AEZ
35	K35IG-D	ABERDEEN SD	345.1	CP	BDCCDTL	-20061003AEB
35	K35GR	BADGER SD	214.2	CP	BDFCDTT	-20060331AZR
36	KAAL	AUSTIN MN	127.5	PLN	DTVPLN	-DTVP1334
36	K36IV-D	JACKSON MN	64.3	LIC	BLDTL	-20080505ABE
36	NEW	ST. JAMES MN	0.3	APP	BDCCDTL	-20061020ABP
50	K50KD-D	FROST MN	79.0	CP	BDCCDTL	-20061020AAK
50	K50KP-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20070517AAD
50	K50AB	ST. JAMES MN	0.0	CP	BPTTL	-20080602AIA
31	K31EF-D	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 31

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	K35DC	ST. JAMES MN	BPTTL	-20080602AHN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF	REDWOOD FALLS MN	82.4	CP	BPCDT	-20080320AEK
27	KRWF	REDWOOD FALLS MN	82.4	PLN	DTVPLN	-DTVP0996
31	K31EF	FROST MN	79.0	LIC	BLTTL	-19950314IG
34	KBVK-LD	SPENCER IA	106.6	CP	BDCCDTL	-20070508AAV
34	K34JZ-D	FROST MN	79.0	LIC	BLDTL	-20080505ACC
34	K34JZ-D	FROST MN	79.0	CP MOD	BMPDTL	-20080226AAO
34	K34JF-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061019ABH
34	K34JY-D	JACKSON MN	64.3	CP	BDCCDTL	-20070503AAV
34	K34JX-D	ST. JAMES MN	0.3	LIC	BLDTL	-20080505AAX

35	KHIN	RED OAK IA	311.8	LIC	BLEDT	-20051116AED
35	KHIN	RED OAK IA	311.8	PLN	DTVPLN	-DTVP1289
35	KCWL-LD	STORM LAKE IA	165.7	CP	BDCCDTL	-20061030ASL
35	KRIN	WATERLOO IA	298.2	LIC	BLEDT	-20050218ABQ
35	KRIN	WATERLOO IA	298.2	PLN	DTVPLN	-DTVP1290
35	K35IU-D	FROST MN	79.0	CP	BDCCDTL	-20061020AAL
35	K57IX	JACKSON MN	64.3	CP	BDISTTL	-20060720ACV
35	NEW	ST. PAUL MN	142.7	APP	BDCCDTL	-20061030AMP
35	KSTP-TV	ST. PAUL MN	156.8	PLN	DTVPLN	-DTVP1297
35	KSTP-TV	ST. PAUL MN	156.8	CP	BPCDT	-20080321ABD
35	K35IE-D	WALKER MN	331.8	CP	BDCCDTT	-20060929BHY
35	K35FM	NORFOLK NE	321.7	CP	BDFCDTT	-20060330AEZ
35	K35IG-D	ABERDEEN SD	345.1	CP	BDCCDTL	-20061003AEB
35	K35GR	BADGER SD	214.2	CP	BDFCDTT	-20060331AZR
36	KAAL	AUSTIN MN	127.5	PLN	DTVPLN	-DTVP1334
36	K36IV-D	JACKSON MN	64.3	LIC	BLDTL	-20080505ABE
36	NEW	ST. JAMES MN	0.3	APP	BDCCDTL	-20061020ABP
50	K50KD-D	FROST MN	79.0	CP	BDCCDTL	-20061020AAK
50	K50KP-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20070517AAD
50	K50AB	ST. JAMES MN	0.0	CP	BPTTL	-20080602AIA
31	K31EF-D	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 32

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	K39JI	FROST MN	BSTA	-20061006AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	K31EF	FROST MN	0.0	LIC	BLTTL	-19950314IG
36	KAAL	AUSTIN MN	113.1	APP	BPCDT	-20080422AAE
36	KAAL	AUSTIN MN	62.6	PLN	DTVPLN	-DTVP1334
38	K55CK	OLIVIA MN	202.5	APP	BDISDTT	-20090504ABS
39	KFPX	NEWTON IA	196.8	CP MOD	BMPCDT	-20080620AMG
39	KFPX	NEWTON IA	205.1	PLN	DTVPLN	-DTVP1398
39	KMEG	SIOUX CITY IA	216.7	LIC	BLCDT	-20070129AAZ
39	KMEG	SIOUX CITY IA	216.7	PLN	DTVPLN	-DTVP1399
39	K39GG	AITKIN MN	327.8	CP	BDFCDTT	-20060331BIW
39	K56HW	ROCHESTER MN	137.2	CP	BDISDTT	-20060330AKQ
40	K40JX-D	AMES IA	179.1	CP	BDCCDTL	-20061030ATC
40	K62FH	FROST MN	0.0	CP	BDISTTL	-20060912AEO
40	K40JK-D	GRANITE FALLS MN	188.8	CP	BDCCDTL	-20061018ADF
40	K40JN-D	JACKSON MN	85.6	LIC	BLDTL	-20080505ACB
42	KIMT	MASON CITY IA	99.2	LIC	BLCDT	-20071113AEE
42	KIMT	MASON CITY IA	91.6	PLN	DTVPLN	-DTVP1499
42	KIMT	MASON CITY IA	99.2	CP	BPCDT	-20080613AAA
46	KXLT-TV	ROCHESTER MN	113.1	CP MOD	BMPCDT	-20060615ABX
46	KXLT-TV	ROCHESTER MN	113.1	PLN	DTVPLN	-DTVP1649

31 K31EF-D FROST2 MN 0.0 APP USERRECORD-01
Proposal causes no interference

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Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	K39JI	FROST MN	BLTTL	-20070316AAP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	K31EF	FROST MN	0.0	LIC	BLTTL	-19950314IG
36	KAAL	AUSTIN MN	113.1	APP	BPCDT	-20080422AAE
36	KAAL	AUSTIN MN	62.6	PLN	DTVPLN	-DTVP1334
38	K55CK	OLIVIA MN	202.5	APP	BDISDTT	-20090504ABS
39	KFPX	NEWTON IA	196.8	CP MOD	BMPCDT	-20080620AMG
39	KFPX	NEWTON IA	205.1	PLN	DTVPLN	-DTVP1398
39	KMEG	SIOUX CITY IA	216.7	LIC	BLCDDT	-20070129AAZ
39	KMEG	SIOUX CITY IA	216.7	PLN	DTVPLN	-DTVP1399
39	K39GG	AITKIN MN	327.8	CP	BDFCDTT	-20060331BIW
39	K56HW	ROCHESTER MN	137.2	CP	BDISDTT	-20060330AKQ
40	K40JX-D	AMES IA	179.1	CP	BDCCDTL	-20061030ATC
40	K62FH	FROST MN	0.0	CP	BDISTTL	-20060912AEO
40	K40JK-D	GRANITE FALLS MN	188.8	CP	BDCCDTL	-20061018ADF
40	K40JN-D	JACKSON MN	85.6	LIC	BLDTL	-20080505ACB
42	KIMT	MASON CITY IA	99.2	LIC	BLCDDT	-20071113AEE
42	KIMT	MASON CITY IA	91.6	PLN	DTVPLN	-DTVP1499
42	KIMT	MASON CITY IA	99.2	CP	BPCDT	-20080613AAA
46	KXLT-TV	ROCHESTER MN	113.1	CP MOD	BMPCDT	-20060615ABX
46	KXLT-TV	ROCHESTER MN	113.1	PLN	DTVPLN	-DTVP1649
31	K31EF-D	FROST2 MN	0.0	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.
39	K69DP	GRANITE FALLS MN	BDISTTL	-20060720ADB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	K31EF	FROST MN	188.8	LIC	BLTTL	-19950314IG
38	K55CK	OLIVIA MN	23.6	APP	BDISDTT	-20090504ABS
39	KFPX	NEWTON IA	366.8	CP MOD	BMPCDT	-20080620AMG
39	KFPX	NEWTON IA	383.3	PLN	DTVPLN	-DTVP1398
39	KMEG	SIOUX CITY IA	251.9	LIC	BLCDDT	-20070129AAZ
39	KMEG	SIOUX CITY IA	251.9	PLN	DTVPLN	-DTVP1399

39	K39GG	AITKIN MN	235.1	CP	BDFCDTT	-20060331BIW
39	K39CH	REDWOOD FALLS MN	55.9	LIC	BLTTL	-19890831IG
39	K56HW	ROCHESTER MN	270.8	CP	BDISDTT	-20060330AKQ
39	K39FE	WILLMAR MN	58.3	LIC	BLTT	-20020212AAC
40	K40JK-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061018ADF
40	K40JN-D	JACKSON MN	141.5	LIC	BLDTL	-20080505ACB
40	K40FZ	BROOKINGS SD	107.4	CP	BDFCDTT	-20060331BAF
42	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT	-20090415AIU
42	KSAX	ALEXANDRIA MN	104.4	PLN	DTVPLN	-DTVP1508
31	K31EF-D	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 35

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	K39CH	REDWOOD FALLS MN	BLTTL -19890831IG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	K31EF	FROST MN	135.8	LIC	BLTTL -19950314IG
38	K55CK	OLIVIA MN	75.2	APP	BDISDTT -20090504ABS
39	KFPX	NEWTON IA	322.0	CP MOD	BMPCDT -20080620AMG
39	KFPX	NEWTON IA	335.8	PLN	DTVPLN -DTVP1398
39	KMEG	SIOUX CITY IA	240.9	LIC	BLCDDT -20070129AAZ
39	KMEG	SIOUX CITY IA	240.9	PLN	DTVPLN -DTVP1399
39	K39GG	AITKIN MN	237.0	CP	BDFCDTT -20060331BIW
39	K39JI	FROST MN	135.8	APP	BSTA -20061006AAF
39	K39JI	FROST MN	135.8	LIC	BLTTL -20070316AAP
39	K69DP	GRANITE FALLS MN	55.9	CP	BDISTTL -20060720ADB
39	K56HW	ROCHESTER MN	216.6	CP	BDISDTT -20060330AKQ
39	K39FE	WILLMAR MN	68.3	LIC	BLTT -20020212AAC
40	K40JK-D	GRANITE FALLS MN	55.9	CP	BDCCDTL -20061018ADF
40	K40JN-D	JACKSON MN	105.7	LIC	BLDTL -20080505ACB
40	K40FZ	BROOKINGS SD	144.9	CP	BDFCDTT -20060331BAF
42	KSAX	ALEXANDRIA MN	128.4	CP MOD	BMPCDT -20090415AIU
42	KSAX	ALEXANDRIA MN	128.4	PLN	DTVPLN -DTVP1508
31	K31EF-D	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 36

Analysis of current record

Channel	Call	City/State	Application Ref. No.
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39 K39FE WILLMAR MN BLTT -20020212AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	K31EF	FROST MN	196.7	LIC	BLTTTL	-19950314IG
38	K55CK	OLIVIA MN	79.4	APP	BDISDTT	-20090504ABS
39	KFPX	NEWTON IA	388.3	CP MOD	BMPCDT	-20080620AMG
39	KMEG	SIOUX CITY IA	301.8	LIC	BLCDT	-20070129AAZ
39	KMEG	SIOUX CITY IA	301.8	PLN	DTVPLN	-DTVP1399
39	K39GG	AITKIN MN	178.5	CP	BDFCDTT	-20060331BIW
39	K69DP	GRANITE FALLS MN	58.3	CP	BDISTTL	-20060720ADB
39	K56HW	ROCHESTER MN	247.7	CP	BDISDTT	-20060330AKQ
40	K40JK-D	GRANITE FALLS MN	58.3	CP	BDCCDTL	-20061018ADF
40	K40JN-D	JACKSON MN	173.8	LIC	BLDTL	-20080505ACB
40	KPXM	ST. CLOUD MN	107.2	PLN	DTVPLN	-DTVP1440
40	KPXM	ST. CLOUD MN	107.2	LIC	BLCDT	-20030903AAU
40	K40FZ	BROOKINGS SD	164.3	CP	BDFCDTT	-20060331BAF
42	KSAX	ALEXANDRIA MN	60.2	CP MOD	BMPCDT	-20090415AIU
42	KSAX	ALEXANDRIA MN	60.2	PLN	DTVPLN	-DTVP1508
31	K31EF-D	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 37

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	K31EF-D	FROST2 MN	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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	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	LIC	BLDTL	-20080825AAQ
31	K31GH	HAYWARD WI	334.0	CP	BDFCDTT	-20060331BGD
31	WFXS-DR	WITTENBERG WI	390.7	APP	BPRM	-20080612ADX
31	WFXS	WITTENBERG WI	390.7	PLN	DTVPLN	-DTVP1162
31	WFXS	WITTENBERG WI	390.7	CP MOD	BMPCDT	-20081117ACB
32	K32ID-D	DES MOINES IA	215.4	CP	BDCCDTL	-20061030AKM
32	K32HY-D	FROST MN	0.0	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	78.8	LIC	BLDTL	-20080505AAZ

Total scenarios = 1

Result key: 6
Scenario 1 Affected station 37 K31EF-D

Before Analysis

Results for: 31A MN FROST2 USERRECORD01 APP
HAAT 86.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	23532	3541.1
not affected by terrain losses	23532	3541.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	70	35.8
lost to ATV IX only	70	35.8
lost to all IX	70	35.8

Potential Interfering Stations Included in above Scenario 1

31A MN ST. JAMES BLDTL 20080825AAQ LIC

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