

Census data selected: 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-02-2009 Time: 11:26:22

Record Selected for Analysis

K14KD-D USERRECORD-01 FROST2 MN US
Channel 14 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
K14KD 14 FROST MN BLTT20020614AAQ

Station inside contour of Digital LPTV station
K14KD-D 14 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
14	K14KD-D	FROST2 MN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14AF	DECORAH IA	176.9	LIC	BLTT	-19840126IB
14	KYOU-TV	OTTUMWA IA	311.3	LIC	BLCDDT	-20070312ACD
14	K14LZ	ALEXANDRIA, ETC. MN	287.1	LIC	BLTTTL	-20041229AAY
14	KLKS-LP	BREEZY POINT MN	336.4	LIC	BLTTTL	-19950313IB
14	K61AU	GRANITE FALLS MN	188.8	CP	BDISTTL	-20060720ADG
14	K14KH	MINNEAPOLIS MN	163.1	LIC	BLTTA	-20040722ABJ
14	K57AE	OLIVIA MN	150.6	APP	BDISDTT	-20090504ABV
14	K14KE	ST. JAMES MN	79.0	LIC	BLTT	-20020614AAX
14	K14KE	ST. JAMES MN	79.0	CP	BPTTL	-20080602AHF
14	K14LF	WILLMAR MN	196.7	LIC	BLTT	-20030311ARO
14	K14MI-D	NIOBRARA NE	345.5	LIC	BLDTT	-20081119AMB
15	KSMQ-TV	AUSTIN MN	75.2	LIC	BMLET	-20041214ADY
15	KSMN	WORTHINGTON MN	165.7	LIC	BLEDT	-20051219AGX
16	K16GL	JACKSON MN	85.6	LIC	BLTT	-20051005AAQ
16	K16CG	ST. JAMES MN	79.0	LIC	BLTTTL	-19970507JJ
16	K16CG	ST. JAMES MN	79.0	CP	BPTTL	-20080602AHH
17	K17IU	FAIRMONT MN	44.8	CP	BNPTTL	-20000830BJO
17	K17BV	REDWOOD FALLS MN	135.4	LIC	BLTTTL	-19880728IA
18	K18HP	JACKSON MN	85.6	LIC	BLTTTL	-20051005AAM
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	BLTTTL	-19970507JR
21	K21DG	ST. JAMES MN	79.0	CP	BPTTL	-20080602AHI
22	K22HJ	WORTHINGTON MN	141.7	LIC	BLTT	-20040730AGU

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K14AF	DECORAH IA	BLTT	-19840126IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KYOU-DT	OTTUMWA IA	237.3	PLN	DTVPLN	-DTVP0127
14	W14DD-D	QUINCY IL	374.5	CP	BDCCDTL	-20061010AMX
14	KSAX-DT	ALEXANDRIA MN	377.7	PLN	DTVPLN	-DTVP0135
14	K14KD	FROST MN	176.9	LIC	BLTT	-20020614AAQ
14	K14KH	MINNEAPOLIS MN	219.3	LIC	BLTTA	-20040722ABJ
14	K57AE	OLIVIA MN	294.9	APP	BDISDTT	-20090504ABV
14	WXOW-DT	LA CROSSE WI	62.4	PLN	DTVPLN	-DTVP0155
15	KSMQ-TV	AUSTIN MN	107.1	LIC	BMLET	-20041214ADY
17	WLAX	LA CROSSE WI	62.1	CP MOD	BMPCDT	-20080326AGW
17	WLAX-DT	LA CROSSE WI	62.1	PLN	DTVPLN	-DTVP0287
18	KYIN-DT	MASON CITY IA	86.4	PLN	DTVPLN	-DTVP0302
18	KYIN	MASON CITY IA	77.8	LIC	BLEDT	-20070924AFU
22	KWWF	WATERLOO IA	105.0	CP	BPCDT	-20080807AAL
14	K14KD-D	FROST2 MN	176.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
14	KYOU-DT	OTTUMWA IA	DTVPLN	-DTVP0127

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KMEG	SIOUX CITY IA	388.8	PLN	DTVPLN	-NPLN0884
14	WSEC	JACKSONVILLE IL	221.2	PLN	DTVPLN	-NPLN0886
14	KMBC-DT	KANSAS CITY MO	320.1	PLN	DTVPLN	-DTVP0136
14	KNLC-DT	ST. LOUIS MO	337.1	PLN	DTVPLN	-DTVP0137
14	WXOW-DT	LA CROSSE WI	294.2	PLN	DTVPLN	-DTVP0155
15	KYOUTV	OTTUMWA IA	0.0	PLN	DTVPLN	-NPLN0918
15	WSEC-DT	JACKSONVILLE IL	221.2	PLN	DTVPLN	-DTVP0168

Results for: 14A IA OTTUMWA DTVPLN DTVP0127 PLN

HAAT 363.0 m, ATV ERP 69.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	338248	20033.6
not affected by terrain losses	338074	20008.9
lost to NTSC IX	395	14.8
lost to additional IX by ATV	10	5.9
lost to ATV IX only	10	8.9
lost to all IX	405	20.7

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
15	KYOUTV	OTTUMWA IA	DTVPLN	-NPLN0918

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KYOU-DT	OTTUMWA IA	0.0	PLN	DTVPLN	-DTVP0127
15	WICD	CHAMPAIGN IL	363.1	PLN	DTVPLN	-NPLN0920

15	WSEC-DT	JACKSONVILLE IL	221.2	PLN	DTVPLN	-DTVP0168
15	KSMQTV	AUSTIN MN	288.9	PLN	DTVPLN	-NPLN0925
15	KMOS-DT	SEDALIA MO	294.5	PLN	DTVPLN	-DTVP0174
15	KXVO	OMAHA NE	357.8	PLN	DTVPLN	-NPLN0929
15	WMTV	MADISON WI	289.7	PLN	DTVPLN	-NPLN0942
16	KDSM-DT	DES MOINES IA	153.2	PLN	DTVPLN	-DTVP0214
16	WTJR	QUINCY IL	145.9	PLN	DTVPLN	-NPLN0951
18	KLJBTV	DAVENPORT IA	132.3	PLN	DTVPLN	-NPLN1016
22	NEW	WATERLOO IA	135.5	PLN	DTVPLN	-NPLN1139
22	WMEC	MACOMB IL	135.7	PLN	DTVPLN	-NPLN1140
23	WQPT-DT	MOLINE IL	132.3	PLN	DTVPLN	-DTVP0523

Results for: 15N IA OTTUMWA		DTVPLN	NPLN0918	PLN
	POPULATION	AREA (sq km)		
within Noise Limited Contour	338309	20034.6		
not affected by terrain losses	337589	19963.6		
lost to NTSC IX	5525	202.2		
lost to additional IX by ATV	1657	285.0		
lost to all IX	7182	487.2		

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	KYOU-TV	OTTUMWA IA	BLCDDT	-20070312ACD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	WSEC	JACKSONVILLE IL	239.6	LIC	BLET	-20030731AFQ
14	KMBC-DT	KANSAS CITY MO	320.1	PLN	DTVPLN	-DTVP0136
14	KNLC	ST. LOUIS MO	337.1	LIC	BLCDDT	-20061228AAC
14	KNLC-DT	ST. LOUIS MO	337.1	PLN	DTVPLN	-DTVP0137
14	WXOW-DT	LA CROSSE WI	294.2	PLN	DTVPLN	-DTVP0155
15	KYOU-TV	OTTUMWA IA	0.0	LIC	BLCT	-19960528KO
15	WSEC-DT	JACKSONVILLE IL	221.2	PLN	DTVPLN	-DTVP0168
14	K14KD-D	FROST2 MN	311.3	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.
14	K14LZ	ALEXANDRIA, ETC. MN	BLTTTL	-20041229AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KSAX-DT	ALEXANDRIA MN	33.3	PLN	DTVPLN	-DTVP0135
14	K14KD	FROST MN	287.1	LIC	BLTT	-20020614AAQ
14	K14KH	MINNEAPOLIS MN	200.2	LIC	BLTTA	-20040722ABJ
14	K57AE	OLIVIA MN	138.0	APP	BDISDTT	-20090504ABV
14	KJRR-DT	JAMESTOWN ND	277.6	PLN	DTVPLN	-DTVP0140
14	KPLO-DT	RELIANCE SD	393.3	PLN	DTVPLN	-DTVP0148
28	KAWB-DT	BRAINERD MN	93.4	PLN	DTVPLN	-DTVP0715

29	K29HU-D	GRANITE FALLS MN	125.8	CP	BDCCDTL	-20061019ABE
14	K14KD-D	FROST2 MN	287.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	KLKS-LP	BREEZY POINT MN	BLTTL	-19950313IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KSAX-DT	ALEXANDRIA MN	123.2	PLN	DTVPLN	-DTVP0135
14	K14KD	FROST MN	336.4	LIC	BLTT	-20020614AAQ
14	K57AE	OLIVIA MN	210.6	APP	BDISDTT	-20090504ABV
14	KJRR-DT	JAMESTOWN ND	346.0	PLN	DTVPLN	-DTVP0140
14	WXOW-DT	LA CROSSE WI	384.2	PLN	DTVPLN	-DTVP0155
15	K15GT	HIBBING MN	130.8	CP	BDFCDTT	-20060331AYZ
18	KAWE-DT	BEMIDJI MN	123.3	PLN	DTVPLN	-DTVP0310
28	KAWB-DT	BRAINERD MN	25.8	PLN	DTVPLN	-DTVP0715
29	K29EB	GRAND RAPIDS MN	104.3	CP	BDFCDTT	-20060331BGK
14	K14KD-D	FROST2 MN	336.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K61AU	GRANITE FALLS MN	BDISTTL	-20060720ADG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KSAX-DT	ALEXANDRIA MN	104.4	PLN	DTVPLN	-DTVP0135
14	K14KD	FROST MN	188.8	LIC	BLTT	-20020614AAQ
14	K14KH	MINNEAPOLIS MN	182.7	LIC	BLTTA	-20040722ABJ
14	K57AE	OLIVIA MN	56.0	APP	BDISDTT	-20090504ABV
14	K14KE	ST. JAMES MN	109.8	CP	BPTTL	-20080602AHF
14	K14LF	WILLMAR MN	58.3	LIC	BLTT	-20030311ARO
14	KJRR-DT	JAMESTOWN ND	341.4	PLN	DTVPLN	-DTVP0140
14	K14MI-D	NIOBRARA NE	301.9	LIC	BLDTT	-20081119AMB
14	KPLO-DT	RELIANCE SD	332.8	PLN	DTVPLN	-DTVP0148
14	WXOW-DT	LA CROSSE WI	352.9	PLN	DTVPLN	-DTVP0155
15	KSMN	WORTHINGTON MN	104.9	LIC	BLEDT	-20051219AGX
15	KSMN-DT	WORTHINGTON MN	104.9	PLN	DTVPLN	-DTVP0173
18	KESD-DT	BROOKINGS SD	140.5	PLN	DTVPLN	-DTVP0324

29	K29HU-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	109.8	LIC	BLDTL	-20080528AAZ
14	K14KD-D	FROST2 MN	188.8	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.
14	K14KH	MINNEAPOLIS MN	BLTTA -20040722ABJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KSAX-DT	ALEXANDRIA MN	169.1	PLN	DTVPLN -DTVP0135
14	K14KD	FROST MN	163.1	LIC	BLTT -20020614AAQ
14	K57AE	OLIVIA MN	128.4	APP	BDISDTT -20090504ABV
14	WXOW-DT	LA CROSSE WI	199.4	PLN	DTVPLN -DTVP0155
15	WQOW-DT	EAU CLAIRE WI	126.2	PLN	DTVPLN -DTVP0202
16	KTCI-DT	ST. PAUL MN	14.8	PLN	DTVPLN -DTVP0226
21	WFTC	MINNEAPOLIS MN	14.8	LIC	BLCDDT -20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	14.8	PLN	DTVPLN -DTVP0443
22	KLGT-DT	MINNEAPOLIS MN	14.8	PLN	DTVPLN -DTVP0488
22	WUCW	MINNEAPOLIS MN	14.2	CP	BPCDDT -19991027ADG
28	WHWC-TV	MENOMONIE WI	111.0	LIC	BMLET -20021118ACH
28	WHWC-TV	MENOMONIE WI	111.0	APP	BSTA -20070412AAG
29	WFTC	MINNEAPOLIS MN	14.8	LIC	BLCT -19910823KG
14	K14KD-D	FROST2 MN	163.1	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.
14	K57AE	OLIVIA MN	BDISDTT -20090504ABV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KSAX-DT	ALEXANDRIA MN	107.2	PLN	DTVPLN -DTVP0135
14	K14KD	FROST MN	150.6	LIC	BLTT -20020614AAQ
14	K61AU	GRANITE FALLS MN	56.0	CP	BDISTTL -20060720ADG
14	K14KH	MINNEAPOLIS MN	128.4	LIC	BLTTA -20040722ABJ
14	K14LF	WILLMAR MN	47.2	LIC	BLTT -20030311ARO
14	KJRR-DT	JAMESTOWN ND	386.1	PLN	DTVPLN -DTVP0140
14	K14MI-D	NIOBRARA NE	338.3	LIC	BLDTT -20081119AMB
14	KPLO-DT	RELIANCE SD	386.0	PLN	DTVPLN -DTVP0148
14	WXOW-DT	LA CROSSE WI	298.3	PLN	DTVPLN -DTVP0155
15	KSMN	WORTHINGTON MN	128.3	LIC	BLEDT -20051219AGX

15	KSMN-DT	WORTHINGTON MN	128.3	PLN	DTVPLN	-DTVP0173
14	K14KD-D	FROST2 MN	150.6	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.
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	K14KD	FROST MN	79.0	LIC	BLTT	-20020614AAQ
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	K29IF-D	FROST MN	79.0	CP MOD	BMPDTL	-20080116AAN
29	K29IF-D	FROST MN	79.0	LIC	BLDTL	-20080505ABD
29	K29HU-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	0.0	LIC	BLDTL	-20080528AAZ
14	K14KD-D	FROST2 MN	79.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 9

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	K14KD	FROST MN	79.0	LIC	BLTT	-20020614AAQ
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	K29IF-D	FROST MN	79.0	CP MOD	BMPDTL	-20080116AAN
29	K29IF-D	FROST MN	79.0	LIC	BLDTL	-20080505ABD
29	K29HU-D	GRANITE FALLS MN	109.8	CP	BDCCDTL	-20061019ABE
29	K29IE-D	ST. JAMES MN	0.0	LIC	BLDTL	-20080528AAZ
14	K14KD-D	FROST2 MN	79.0	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.
14	K14LF	WILLMAR MN	BLTT -20030311ARO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KSAX-DT	ALEXANDRIA MN	60.2	PLN	DTVPLN -DTVP0135
14	K14KD	FROST MN	196.7	LIC	BLTT -20020614AAQ
14	K61AU	GRANITE FALLS MN	58.3	CP	BDISTTL -20060720ADG
14	K14KH	MINNEAPOLIS MN	140.6	LIC	BLTTA -20040722ABJ
14	K57AE	OLIVIA MN	47.2	APP	BDISDTT -20090504ABV
14	KJRR-DT	JAMESTOWN ND	347.8	PLN	DTVPLN -DTVP0140
14	K14MI-D	NIOBRARA NE	360.0	LIC	BLDTT -20081119AMB
14	KPLO-DT	RELIANCE SD	384.9	PLN	DTVPLN -DTVP0148
14	WXOW-DT	LA CROSSE WI	328.3	PLN	DTVPLN -DTVP0155
29	K29HU-D	GRANITE FALLS MN	58.3	CP	BDCCDTL -20061019ABE
29	K29IE-D	ST. JAMES MN	122.8	LIC	BLDTL -20080528AAZ
14	K14KD-D	FROST2 MN	196.7	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.
14	K14MI-D	NIOBRARA NE	BLDTT -20081119AMB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KD	FROST MN	345.5	LIC	BLTT -20020614AAQ
14	K57AE	OLIVIA MN	338.3	APP	BDISDTT -20090504ABV
14	KHNE-DT	HASTINGS NE	219.4	PLN	DTVPLN -DTVP0142
14	KPLO-DT	RELIANCE SD	185.7	PLN	DTVPLN -DTVP0148
15	KMNE-DT	BASSETT NE	127.2	PLN	DTVPLN -DTVP0180
14	K14KD-D	FROST2 MN	345.5	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

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-DT	LA CROSSE WI	132.1	PLN	DTVPLN	-DTVP0809

30	WHLA-TV	LA CROSSE WI	132.1	LIC	BMLEDT	-20041013AAL
14	K14KD-D	FROST2 MN	75.2	APP	USERRECORD-01	

Total scenarios = 8

Result key: 1
 Scenario 1 Affected station 12 KSMQ-TV
 Before Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	4884	308.5	
lost to all IX	5189	367.1	

Potential Interfering Stations Included in above Scenario 1

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	BLEDT	20051219AGX	LIC
15A WI EAU CLAIRE	DTVPLN	DTVP0202	PLN

After Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	4889	309.5	
lost to all IX	5194	368.1	

Potential Interfering Stations Included in above Scenario 1

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	BLEDT	20051219AGX	LIC
15A WI EAU CLAIRE	DTVPLN	DTVP0202	PLN
14A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0028%

Result key: 2
 Scenario 2 Affected station 12 KSMQ-TV
 Before Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	4194	365.1	
lost to all IX	4499	423.6	

Potential Interfering Stations Included in above Scenario 2

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	BLEDT	20051219AGX	LIC
15A WI EAU CLAIRE	BMPCDT	20041001AOM	CP

After Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	4199	366.1	
lost to all IX	4504	424.6	

Potential Interfering Stations Included in above Scenario 2

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	BLEDT	20051219AGX	LIC
15A WI EAU CLAIRE	BMPCDT	20041001AOM	CP
14A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0028%

Result key: 3
 Scenario 3 Affected station 12 KSMQ-TV
 Before Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	3598	63.5	
lost to all IX	3903	122.0	

Potential Interfering Stations Included in above Scenario 3

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	DTVPLN	DTVP0173	PLN
15A WI EAU CLAIRE	DTVPLN	DTVP0202	PLN

After Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	3731	102.2	
lost to all IX	4036	160.7	

Potential Interfering Stations Included in above Scenario 3

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	DTVPLN	DTVP0173	PLN
15A WI EAU CLAIRE	DTVPLN	DTVP0202	PLN
14A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0733%

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

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	2972	130.0	
lost to all IX	3277	188.5	

Potential Interfering Stations Included in above Scenario 4

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	DTVPLN	DTVP0173	PLN
15A WI EAU CLAIRE	BMPCDT	20041001AOM	CP

After Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	3105	168.7	
lost to all IX	3410	227.2	

Potential Interfering Stations Included in above Scenario 4

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	DTVPLN	DTVP0173	PLN
15A WI EAU CLAIRE	BMPCDT	20041001AOM	CP
14A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0733%

Result key: 5
Scenario 5 Affected station 12 KSMQ-TV
Before Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	4884	308.5	
lost to all IX	5189	367.1	

Potential Interfering Stations Included in above Scenario 5

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	BLEDT	20051219AGX	LIC
15A WI EAU CLAIRE	DTVPLN	DTVP0202	PLN

After Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	4889	309.5	
lost to all IX	5194	368.1	

Potential Interfering Stations Included in above Scenario 5

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	BLEDT	20051219AGX	LIC
15A WI EAU CLAIRE	DTVPLN	DTVP0202	PLN
14A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0028%

Result key: 6
 Scenario 6 Affected station 12 KSMQ-TV
 Before Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	4194	365.1	
lost to all IX	4499	423.6	

Potential Interfering Stations Included in above Scenario 6

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	BLEDT	20051219AGX	LIC
15A WI EAU CLAIRE	BMPCDT	20041001AOM	CP

After Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	4199	366.1	
lost to all IX	4504	424.6	

Potential Interfering Stations Included in above Scenario 6

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	BLEDT	20051219AGX	LIC
15A WI EAU CLAIRE	BMPCDT	20041001AOM	CP
14A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0028%

Result key: 7
 Scenario 7 Affected station 12 KSMQ-TV
 Before Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	3598	63.5	
lost to all IX	3903	122.0	

Potential Interfering Stations Included in above Scenario 7

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	DTVPLN	DTVP0173	PLN
15A WI EAU CLAIRE	DTVPLN	DTVP0202	PLN

After Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	3731	102.2	
lost to all IX	4036	160.7	

Potential Interfering Stations Included in above Scenario 7

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	DTVPLN	DTVP0173	PLN
15A WI EAU CLAIRE	DTVPLN	DTVP0202	PLN
14A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0733%

Result key: 8
 Scenario 8 Affected station 12 KSMQ-TV
 Before Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	2972	130.0	
lost to all IX	3277	188.5	

Potential Interfering Stations Included in above Scenario 8

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	DTVPLN	DTVP0173	PLN
15A WI EAU CLAIRE	BMPCDT	20041001AOM	CP

After Analysis

Results for: 15N MN AUSTIN	BMLET	20041214ADY	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	181549	9344.6	
not affected by terrain losses	165700	9265.2	
lost to NTSC IX	305	58.5	
lost to additional IX by ATV	3105	168.7	
lost to all IX	3410	227.2	

Potential Interfering Stations Included in above Scenario 8

15N IA OTTUMWA	BLCT	19960528KO	LIC
15A MN WORTHINGTON	DTVPLN	DTVP0173	PLN
15A WI EAU CLAIRE	BMPCDT	20041001AOM	CP
14A MN FROST2	USERRECORD01		APP

Percent new IX = 0.0733%

Worst case new IX 0.0733% Scenario 3

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Analysis of Interference to Affected Station 13

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
15	KSMN-DT	WORTHINGTON MN	DTVPLN	-DTVP0173

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KMEG	SIOUX CITY IA	156.4	PLN	DTVPLN	-NPLN0884
14	KSAX-DT	ALEXANDRIA MN	209.3	PLN	DTVPLN	-DTVP0135
15	KSMQTV	AUSTIN MN	237.6	PLN	DTVPLN	-NPLN0925
15	KVRR	FARGO ND	309.3	PLN	DTVPLN	-NPLN0928
15	KMNE-DT	BASSETT NE	335.4	PLN	DTVPLN	-DTVP0180
15	KXVO	OMAHA NE	315.0	PLN	DTVPLN	-NPLN0929
15	KQSD-DT	LOWRY SD	354.3	PLN	DTVPLN	-DTVP0191
15	WQOW-DT	EAU CLAIRE WI	359.6	PLN	DTVPLN	-DTVP0202
16	KXNE-DT	NORFOLK NE	213.8	PLN	DTVPLN	-DTVP0231
16	KSDTV	ABERDEEN SD	224.3	PLN	DTVPLN	-NPLN0968

Results for: 15A MN WORTHINGTON	DTVPLN	DTVP0173	PLN
HAAT 332.0 m, ATV ERP 72.7 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	145405	17946.5	
not affected by terrain losses	145400	17942.6	
lost to NTSC IX	66	36.6	
lost to additional IX by ATV	49	3.0	
lost to ATV IX only	49	4.9	
lost to all IX	115	39.5	

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
20	KSMN	WORTHINGTON MN	DTVPLN	-NPLN1084

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
17	KTW	SIOUX FALLS SD	79.6	PLN	DTVPLN	-NPLN1002
18	KESD-DT	BROOKINGS SD	113.2	PLN	DTVPLN	-DTVP0324
20	KSMQ-DT	AUSTIN MN	237.6	PLN	DTVPLN	-DTVP0402
20	KCCW-DT	WALKER MN	356.9	PLN	DTVPLN	-DTVP0403
20	KJRE-DT	ELLENDAL E ND	351.6	PLN	DTVPLN	-DTVP0409
20	KETV-DT	OMAHA NE	287.8	PLN	DTVPLN	-DTVP0410
21	KTIN	FORT DODGE IA	172.7	PLN	DTVPLN	-NPLN1105
23	KCSDTV	SIOUX FALLS SD	75.6	PLN	DTVPLN	-NPLN1191
24	KCS-DT	SIOUX FALLS SD	75.6	PLN	DTVPLN	-DTVP0583
27	KSINTV	SIOUX CITY IA	156.4	PLN	DTVPLN	-NPLN1299
27	KRWF-DT	REDWOOD FALLS MN	74.6	PLN	DTVPLN	-DTVP0674
34	KUSD-DT	VERMILLION SD	116.0	PLN	DTVPLN	-DTVP0955

Results for: 20N MN WORTHINGTON			DTVPLN	NPLN1084	PLN
			POPULATION	AREA (sq km)	
	within Noise Limited Contour		145368	17942.6	
	not affected by terrain losses		145302	17915.9	
	lost to NTSC IX		205	4.0	
	lost to additional IX by ATV		1169	134.4	
	lost to all IX		1374	138.4	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
15	KSMN	WORTHINGTON MN	BLEDT	-20051219AGX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KSAX-DT	ALEXANDRIA MN	209.3	PLN	DTVPLN	-DTVP0135
15	KSMQ-TV	AUSTIN MN	237.5	LIC	BMLET	-20041214ADY
15	KMNE-DT	BASSETT NE	335.4	PLN	DTVPLN	-DTVP0180
15	KXVO	OMAHA NE	315.1	LIC	BMLCT	-20041008ACJ
15	KQSD-DT	LOWRY SD	354.3	PLN	DTVPLN	-DTVP0191
15	WQOW-DT	EAU CLAIRE WI	359.6	PLN	DTVPLN	-DTVP0202
15	WQOW-TV	EAU CLAIRE WI	370.0	CP MOD	BMPCDT	-20041001AOM
16	KXNE-DT	NORFOLK NE	213.8	PLN	DTVPLN	-DTVP0231
14	K14KD-D	FROST2 MN	165.7	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
16	K16GL	JACKSON MN	BLTT	-20051005AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14KD	FROST MN	85.6	LIC	BLTT	-20020614AAQ
15	KSMN	WORTHINGTON MN	83.3	LIC	BLEDT	-20051219AGX

15	KSMN-DT	WORTHINGTON MN	83.3	PLN	DTVPLN	-DTVP0173
16	KDSM-TV	DES MOINES IA	226.9	LIC	BLCDDT	-20041118ABZ
16	KDSM-DT	DES MOINES IA	230.1	PLN	DTVPLN	-DTVP0214
16	K70DR	BLUE EARTH MN	76.5	CP	BDISDTT	-20060331ACH
16	K16CP	GRANITE FALLS MN	141.5	LIC	BLTTTL	-19910227JZ
16	K16CG	ST. JAMES MN	64.3	CP	BPTTTL	-20080602AHH
16	K19ER	ST. PAUL MN	205.0	APP	BDISDTL	-20090420AAF
16	KTCI-DT	ST. PAUL MN	219.6	PLN	DTVPLN	-DTVP0226
16	KXNE-DT	NORFOLK NE	240.1	PLN	DTVPLN	-DTVP0231
16	K16HM-D	OMAHA NE	279.7	CP	BDCCDTL	-20061030APQ
16	K16HO-D	MITCHELL SD	245.8	CP	BDCCDTT	-20061030APJ
17	K17IR-D	SPENCER IA	38.7	CP	BDCCDTL	-20070504ABQ
17	K17HZ-D	GRANITE FALLS MN	141.5	CP	BDCCDTL	-20061018ADH
17	K17IS-D	JACKSON MN	0.0	CP	BDCCDTL	-20070517AAF
17	K17IC-D	ST. JAMES MN	64.4	CP	BDCCDTL	-20061020ABK
24	KCSD-TV	SIOUX FALLS SD	133.9	LIC	BLEDT	-20040112ACM
24	KCSD-DT	SIOUX FALLS SD	141.2	PLN	DTVPLN	-DTVP0583
31	K31JZ-D	JACKSON MN	0.0	CP	BDCCDTT	-20070411ABT
31	K31JY-D	ST. JAMES MN	64.3	LIC	BLDTL	-20080825AAQ
14	K14KD-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 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	K16CG	ST. JAMES MN	BLTTTL -19970507JJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KD	FROST MN	79.0	LIC	BLTT -20020614AAQ
15	KSMN	WORTHINGTON MN	110.3	LIC	BLEDT -20051219AGX
15	KSMN-DT	WORTHINGTON MN	110.3	PLN	DTVPLN -DTVP0173
16	KDSM-TV	DES MOINES IA	265.5	LIC	BLCDDT -20041118ABZ
16	KDSM-DT	DES MOINES IA	268.8	PLN	DTVPLN -DTVP0214
16	K70DR	BLUE EARTH MN	68.9	CP	BDISDTT -20060331ACH
16	K16GL	JACKSON MN	64.3	LIC	BLTT -20051005AAQ
16	K19ER	ST. PAUL MN	142.7	APP	BDISDTL -20090420AAF
16	KTCI-DT	ST. PAUL MN	157.4	PLN	DTVPLN -DTVP0226
16	KXNE-DT	NORFOLK NE	300.6	PLN	DTVPLN -DTVP0231
16	K16HM-D	OMAHA NE	343.2	CP	BDCCDTL -20061030APQ
16	K16HO-D	MITCHELL SD	279.8	CP	BDCCDTT -20061030APJ
17	K17IR-D	SPENCER IA	99.5	CP	BDCCDTL -20070504ABQ
17	K17HZ-D	GRANITE FALLS MN	109.8	CP	BDCCDTL -20061018ADH
17	K17IS-D	JACKSON MN	64.3	CP	BDCCDTL -20070517AAF
17	K17IC-D	ST. JAMES MN	0.3	CP	BDCCDTL -20061020ABK
20	KSMQ-DT	AUSTIN MN	136.6	PLN	DTVPLN -DTVP0402
31	K31JZ-D	JACKSON MN	64.3	CP	BDCCDTT -20070411ABT
31	K31JY-D	ST. JAMES MN	0.0	LIC	BLDTL -20080825AAQ
14	K14KD-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 16

Analysis of current record

Channel	Call	City/State	Application Ref. No.
16	K16CG	ST. JAMES MN	BPTTL -20080602AHH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KD	FROST MN	79.0	LIC	BLTT -20020614AAQ
15	KSMN	WORTHINGTON MN	110.3	LIC	BLEDT -20051219AGX
15	KSMN-DT	WORTHINGTON MN	110.3	PLN	DTVPLN -DTVP0173
16	KDSM-TV	DES MOINES IA	265.5	LIC	BLCDDT -20041118ABZ
16	KDSM-DT	DES MOINES IA	268.8	PLN	DTVPLN -DTVP0214
16	K70DR	BLUE EARTH MN	68.9	CP	BDISDTT -20060331ACH
16	K16GL	JACKSON MN	64.3	LIC	BLTT -20051005AAQ
16	K19ER	ST. PAUL MN	142.7	APP	BDISDTL -20090420AAF
16	KTCI-DT	ST. PAUL MN	157.4	PLN	DTVPLN -DTVP0226
16	KXNE-DT	NORFOLK NE	300.6	PLN	DTVPLN -DTVP0231
16	K16HM-D	OMAHA NE	343.2	CP	BDCCDTL -20061030APQ
16	K16HO-D	MITCHELL SD	279.8	CP	BDCCDTT -20061030APJ
17	K17IR-D	SPENCER IA	99.5	CP	BDCCDTL -20070504ABQ
17	K17HZ-D	GRANITE FALLS MN	109.8	CP	BDCCDTL -20061018ADH
17	K17IS-D	JACKSON MN	64.3	CP	BDCCDTL -20070517AAF
17	K17IC-D	ST. JAMES MN	0.3	CP	BDCCDTL -20061020ABK
20	KSMQ-DT	AUSTIN MN	136.6	PLN	DTVPLN -DTVP0402
31	K31JZ-D	JACKSON MN	64.3	CP	BDCCDTT -20070411ABT
31	K31JY-D	ST. JAMES MN	0.0	LIC	BLDTL -20080825AAQ
14	K14KD-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 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
17	K17IU	FAIRMONT MN	BNPTTL -20000830BJO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KD	FROST MN	44.8	LIC	BLTT -20020614AAQ
15	KSMN	WORTHINGTON MN	121.3	LIC	BLEDT -20051219AGX
15	KSMN-DT	WORTHINGTON MN	121.3	PLN	DTVPLN -DTVP0173

16	K70DR	BLUE EARTH MN	35.4	CP	BDISDTT	-20060331ACH
16	K19ER	ST. PAUL MN	178.0	APP	BDISDTL	-20090420AAF
17	K17ET	CEDAR RAPIDS IA	290.6	CP	BDFCDTT	-20060313ABV
17	K17IR-D	SPENCER IA	57.5	CP	BDCCDTL	-20070504ABQ
17	K17HZ-D	GRANITE FALLS MN	157.2	CP	BDCCDTL	-20061018ADH
17	K17IS-D	JACKSON MN	41.1	CP	BDCCDTL	-20070517AAF
17	K17BV	REDWOOD FALLS MN	109.4	LIC	BLTTL	-19880728IA
17	K17IC-D	ST. JAMES MN	53.9	CP	BDCCDTL	-20061020ABK
17	KTCI-TV	ST. PAUL MN	192.1	LIC	BMLET	-20050322AGC
17	KYNE-TV	OMAHA NE	291.8	LIC	BLEDT	-20030409AAV
17	KYNE-DT	OMAHA NE	291.8	PLN	DTVPLN	-DTVP0270
17	KDSD-DT	ABERDEEN SD	327.3	PLN	DTVPLN	-DTVP0281
17	WLAX	LA CROSSE WI	250.7	CP MOD	BMPCDT	-20080326AGW
17	WLAX-DT	LA CROSSE WI	250.7	PLN	DTVPLN	-DTVP0287
18	K40CO	STORM LAKE IA	114.5	CP	BDISDTT	-20071019AIH
18	K40CO	STORM LAKE IA	114.5	CP	BDFCDTL	-20060331AQR
18	K53AO	OLIVIA MN	129.4	APP	BDISDTT	-20090504ABT
18	K18IH-D	ST. JAMES MN	54.0	CP	BDCCDTT	-20070521ACJ
20	KSMQ-DT	AUSTIN MN	119.2	PLN	DTVPLN	-DTVP0402
25	KTIN-DT	FORT DODGE IA	90.4	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	90.4	LIC	BLEDT	-20070822ACB
32	K32HY-D	FROST MN	44.8	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	53.9	LIC	BLDTL	-20080505AAZ
14	K14KD-D	FROST2 MN	44.8	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.
17	K17BV	REDWOOD FALLS MN	BLTTL	-19880728IA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KSAX-DT	ALEXANDRIA MN	128.9	PLN	DTVPLN	-DTVP0135
14	K14KD	FROST MN	135.4	LIC	BLTT	-20020614AAQ
15	KSMN	WORTHINGTON MN	106.5	LIC	BLEDT	-20051219AGX
15	KSMN-DT	WORTHINGTON MN	106.5	PLN	DTVPLN	-DTVP0173
16	K70DR	BLUE EARTH MN	125.6	CP	BDISDTT	-20060331ACH
16	K19ER	ST. PAUL MN	141.9	APP	BDISDTL	-20090420AAF
17	K17ET	CEDAR RAPIDS IA	386.8	CP	BDFCDTT	-20060313ABV
17	K17IR-D	SPENCER IA	143.8	CP	BDCCDTL	-20070504ABQ
17	KQDS-TV	DULUTH MN	333.4	CP	BPCDT	-19991028ABI
17	KNLD-DT	DULUTH MN	333.4	PLN	DTVPLN	-DTVP0266
17	K17IU	FAIRMONT MN	109.4	CP	BNPTTL	-20000830BJO
17	K17HZ-D	GRANITE FALLS MN	56.2	CP	BDCCDTL	-20061018ADH
17	K17IS-D	JACKSON MN	105.2	CP	BDCCDTL	-20070517AAF
17	K17IC-D	ST. JAMES MN	57.4	CP	BDCCDTL	-20061020ABK
17	KTCI-TV	ST. PAUL MN	155.9	LIC	BMLET	-20050322AGC
17	KYNE-TV	OMAHA NE	375.6	LIC	BLEDT	-20030409AAV
17	KYNE-DT	OMAHA NE	375.6	PLN	DTVPLN	-DTVP0270
17	KDSD-DT	ABERDEEN SD	237.6	PLN	DTVPLN	-DTVP0281

17	WLAX	LA CROSSE WI	298.3	CP MOD	BMPCDT	-20080326AGW
17	WLAX-DT	LA CROSSE WI	298.3	PLN	DTVPLN	-DTVP0287
18	K53AO	OLIVIA MN	24.4	APP	BDISDTT	-20090504ABT
18	K18IH-D	ST. JAMES MN	57.2	CP	BDCCDTT	-20070521ACJ
24	KCCO-DT	ALEXANDRIA MN	126.8	PLN	DTVPLN	-DTVP0572
31	KWCM-DT	APPLETON MN	106.5	PLN	DTVPLN	-DTVP0827
32	K32HY-D	FROST MN	135.4	CP	BDCCDTL	-20061020AAM
32	K32GX-D	ST. JAMES MN	57.4	LIC	BLDTL	-20080505AAZ
14	K14KD-D	FROST2 MN	135.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
18	K18HP	JACKSON MN	BLTTL -20051005AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KD	FROST MN	85.6	LIC	BLTT -20020614AAQ
15	KSMN	WORTHINGTON MN	83.3	LIC	BLEDT -20051219AGX
15	KSMN-DT	WORTHINGTON MN	83.3	PLN	DTVPLN -DTVP0173
17	K17IR-D	SPENCER IA	38.7	CP	BDCCDTL -20070504ABQ
17	K17HZ-D	GRANITE FALLS MN	141.5	CP	BDCCDTL -20061018ADH
17	K17IS-D	JACKSON MN	0.0	CP	BDCCDTL -20070517AAF
17	K17IC-D	ST. JAMES MN	64.4	CP	BDCCDTL -20061020ABK
18	KYIN-DT	MASON CITY IA	176.0	PLN	DTVPLN -DTVP0302
18	KYIN	MASON CITY IA	184.6	LIC	BLEDT -20070924AFU
18	K18GU	OTTUMWA IA	364.3	CP	BDFCDTT -20090424AAL
18	K40CO	STORM LAKE IA	103.9	CP	BDISDTT -20071019AIH
18	K40CO	STORM LAKE IA	103.9	CP	BDFCDTL -20060331AQR
18	K18DI	GRANITE FALLS MN	141.5	LIC	BLTTL -19910227KA
18	K53AO	OLIVIA MN	128.8	APP	BDISDTT -20090504ABT
18	K18IH-D	ST. JAMES MN	64.3	CP	BDCCDTT -20070521ACJ
18	KCWP-LD	NORFOLK NE	260.2	CP	BDCCDTL -20061030ASI
18	NEW	OMAHA NE	273.1	APP	BDCCDTL -20070419ADW
18	KESD-DT	BROOKINGS SD	196.5	PLN	DTVPLN -DTVP0324
19	K19GW-D	FROST MN	85.6	CP MOD	BMPDTL -20080226ABI
19	K19GW-D	FROST MN	85.6	LIC	BLDTL -20080505ACD
19	K19GU-D	GRANITE FALLS MN	141.5	CP	BDCCDTL -20061019ABC
19	K19FO	JACKSON MN	0.0	LIC	BLTT -20040506AAH
25	KTIN-DT	FORT DODGE IA	99.2	PLN	DTVPLN -DTVP0600
25	KTIN	FORT DODGE IA	99.2	LIC	BLEDT -20070822ACB
32	KELO-DT	SIOUX FALLS SD	124.6	PLN	DTVPLN -DTVP0881
33	KAAL	MASON CITY IA	126.5	APP	BDRTCT -20090515AAW
33	K33JK-D	GRANITE FALLS MN	141.5	CP	BDCCDTL -20061019ABF
33	K33JX-D	ST. JAMES MN	64.3	CP MOD	BMPDTL -20080512AEZ
14	K14KD-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 20

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
	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-DT	AUSTIN MN	148.7	PLN	DTVPLN	-DTVP0402
20	KSMQ-TV	AUSTIN MN	178.1	CP MOD	BMPEDT	-20081114AAX
21	WFTC	MINNEAPOLIS MN	269.5	LIC	BLCDT	-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	BPCDT	-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
14	K14KD-D	FROST2 MN	93.9	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.
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-DT	AUSTIN MN	148.7	PLN	DTVPLN -DTVP0402
20	KSMQ-TV	AUSTIN MN	178.1	CP MOD	BMPEDT -20081114AAX
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
14	K14KD-D	FROST2 MN	93.9	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.
21	K21DG	ST. JAMES MN	BLTTL -19970507JR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	K14KD	FROST MN	79.0	LIC	BLTT -20020614AAQ
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	BLCDDT -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
14	K14KD-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 23

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.
14	K14KD	FROST MN	79.0	LIC	BLTT -20020614AAQ
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	BLCDDT -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
14	K14KD-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 24

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.
14	K14KD	FROST MN	141.7	LIC	BLTT	-20020614AAQ
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
14	K14KD-D	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 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K14KD-D	FROST2 MN	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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	BLDTT	-20081119AMB
14	WXOW-DT	LA CROSSE WI	207.3	PLN	DTVPLN	-DTVP0155
15	KSMQ-TV	AUSTIN MN	75.2	LIC	BMLET	-20041214ADY

Total scenarios = 1

Result key: 9
Scenario 1 Affected station 25 K14KD-D
Before Analysis

Results for: 14A MN FROST2

USERRECORD01

APP

HAAT 86.0 m, ATV ERP 3.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	26693	3960.6
not affected by terrain losses	26693	3960.6
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

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED