

DELAWDER COMMUNICATIONS, INC.

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ENGINEERING REPORT

St. James, MN LPTV Companion Channel Application

EXHIBIT 11

LPTV DIGITAL PROPOSAL-- INTERFERENCE STUDIES

Market: St. James, MN

Applicant: Cooperative Television Association of Southern
Minnesota ("Applicant")

Associated LPTV: K24CP

Proposed Digital Channel: 29 (as a digital companion channel)

1. By this application, Applicant proposes a digital LPTV companion channel for K24CP, St. James, MN. The companion digital channel will operate at the K24CP transmitter site.

2. Attached as Figure 1 are the OET-69 study results for the proposed facility (as the referenced station) as determined by V-Soft Communications' SunDTV™ software program. (According to V-Soft Communications, the SunDTV™ Program identically duplicates the FCC's OET-69 processing program.) Except for those stations also licensed, authorized or proposed by the applicant, or those stations that have consented to predicted interference from this proposal, the proposed facility adequately protects all US broadcast stations as required by the FCC Rules. All studies are conducted in accordance with current FCC Rules and Regulations.

3. This digital proposal is associated with various other licensed, authorized and proposed analog and digital LPTV stations at Jackson, St. James (Godahl) and Frost, Minnesota, that are licensed to either Cooperative Television Association of Southern Minnesota ("CTV"); Blue Earth-Nicollet Faribault Cooperative Electric Association ("BENCO"); Federated Rural Electric Association ("FREA"); or South Central Electric Association ("SCEA"). Pursuant to an Interference Acceptance Agreement, a copy of which was filed with the FCC, the Applicant accepts any existing and future interference that may result from any such associated analog or digital LPTV station. Therefore, this application should not be deemed directly mutually-exclusive to any such associated analog or digital LPTV station.

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-09-2007 Time: 13:49:58

Record Selected for Analysis

STJ29D USERRECORD-01 US
Channel 29 ERP 1.5 kW HAAT 303. m RCAMSL 00616 m SIMPLE MASK
Latitude 044-06-25 Longitude 0094-35-44
Status APP Zone 2 Border
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

1990 Census data selected

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	1.500	309.8	43.4
45.0	1.500	311.1	43.5
90.0	1.500	303.9	43.1
135.0	1.500	301.1	43.0
180.0	1.500	297.1	42.8
225.0	1.500	294.2	42.7
270.0	1.500	299.7	43.0
315.0	1.500	309.3	43.4

LANDMOBILE SPACING VIOLATIONS FOUND

NONE

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Start of Interference Analysis

Proposed Station		
Channel	Call	City/State
29	STJ29D	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14KD	FROST MN	78.8	LIC	BLTT	-20020614AAQ
14	K61AU	GRANITE FALLS MN	110.1	CP	BDISTTL	-20060720ADG
14	K14KE	ST. JAMES MN	0.3	LIC	BLTT	-20020614AAX
14	K14LF	WILLMAR MN	122.9	LIC	BLTT	-20030311ARO
15	KSMQ-TV	AUSTIN MN	136.2	LIC	BMLET	-20041214ADY
21	K21DG	ST. JAMES MN	0.3	LIC	BLTTL	-19970507JR
22	K22DO	GRANITE FALLS MN	110.1	LIC	BLTTL	-19910227KB
22	K22AE	NEW ULM MN	22.0	LIC	BLTT	-19830228IC
22	K22HJ	WORTHINGTON MN	103.1	LIC	BLTT	-20040730AGU
25	K65BA	GRANITE FALLS MN	110.1	CP	BDISTTL	-20060720ADE
25	K25II	REDWOOD FALLS MN	57.8	LIC	BLTT	-20050128ARO
26	K26DG	GRANITE FALLS MN	110.1	LIC	BLTTL	-19910227KD
26	K53HR	JACKSON MN	64.4	CP	BDISTTL	-20060912AEP
26	K26CS	ST. JAMES MN	0.3	LIC	BLTT	-20050908ACF
27	K27FI	FROST MN	78.8	CP	BMJPTTL	-20000821AHG
27	K27FI	FROST MN	78.8	LIC	BLTTL	-19950314IJ
28	K28AE	FAIRMONT MN	49.9	LIC	BLTTL	-19831014IA
28	K67AN	GRANITE FALLS MN	110.1	CP	BDISTTL	-20060720ADC
28	K28IO	MANKATO MN	29.1	CP	BNPTTL	-20000831CHQ
28	K28IF	WILLMAR MN	122.9	LIC	BLTTL	-20051130AFL
28	K56GF	SIOUX FALLS SD	178.4	CP	BDISDTT	-20060330AHQ
29	K29EA	DES MOINES IA	283.6	LIC	BLTTL	-20011217ADD
29	960920IP	DUBUQUE IA	358.5	APP	BPET	-19960920IP
29	KFPX	NEWTON IA	278.3	APP	BPRM	-20040322AHK
29	K29CC	APPLETON MN	162.8	LIC	BLTTL	-19890815IJ
29	NEW	FROST MN	78.8	APP	BSFDTL	-20060630BDQ
29	K29EB	GRAND RAPIDS MN	371.1	LIC	BLTT	-20021011AAW
29	K29EB	GRAND RAPIDS MN	371.1	APP	BDFCDTT	-20060331BGK
29	K29HU-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061019ABE
29	WFTC	MINNEAPOLIS MN	157.3	LIC	BLCT	-19910823KG
29	KSFY-TV	SIOUX FALLS SD	168.7	LIC	BLCDT	-20030404AAM
29	WAOW-TV	WAUSAU WI	399.0	CP MOD	BMPCDT	-20060316AIW
30	K30JL-D	GRANITE FALLS MN	110.1	CP	BDCCDTL	-20061018ADG
30	WTMS-CA	MINNEAPOLIS, ETC. MN	142.6	CP	BDCCDTL	-20061010ANC
30	K30IN	ROYALTON MN	200.1	CP	BNPTTL	-20000831CHR
30	K30FN	ST. JAMES MN	0.0	CP	BPTTL	-20050408ABB
30	K30FN	ST. JAMES MN	0.1	LIC	BLTT	-19991102AAS
30	K30FZ	WILLMAR MN	123.0	LIC	BLTT	-20000920ADB
31	K31EF	FROST MN	78.8	LIC	BLTTL	-19950314IG
32	K32DR	GRANITE FALLS MN	110.1	LIC	BLTTL	-19940517JE
32	K32GX-D	ST. JAMES MN	0.0	LIC	BLDTL	-20051201ATW
33	K33AB	SIBLEY, ETC. IA	116.5	CP	BPTT	-20060322ACK
33	K33AB	SIBLEY, ETC. IA	116.5	LIC	BLTT	-19790731IA
36	K36FI	FROST MN	78.8	LIC	BLTTL	-20020426AAV

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FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Analysis of Interference to Affected Station 1

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	K14AF	DECORAH IA	176.9	LIC	BLTT	-19840126IB
14	KYOU-DT	OTTUMWA IA	311.3	PLN	DTVPLN	-DTVP0127
14	KMEG	SIOUX CITY IA	216.7	LIC	BLCT	-19991227AAR
14	KSAX-DT	ALEXANDRIA MN	254.8	PLN	DTVPLN	-DTVP0135
14	K14KH	MINNEAPOLIS MN	163.1	LIC	BLTTA	-20040722ABJ
14	WXOW-DT	LA CROSSE WI	207.3	PLN	DTVPLN	-DTVP0155
14	WXOW-TV	LACROSSE WI	207.4	CP MOD	BMPCDT	-20060608AAJ
15	KSMQ-TV	AUSTIN MN	75.2	LIC	BMLET	-20041214ADY
18	KYIN	MASON CITY IA	99.2	CP MOD	BMPEDT	-20060714ABL
18	KYIN-DT	MASON CITY IA	91.6	PLN	DTVPLN	-DTVP0302
29	NEW	FROST MN	0.0	APP	BSFDTL	-20060630BDQ
29	STJ29D		78.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

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	KMEG	SIOUX CITY IA	251.9	LIC	BLCT	-19991227AAR
14	KSAX-DT	ALEXANDRIA MN	104.4	PLN	DTVPLN	-DTVP0135
14	K14KH	MINNEAPOLIS MN	182.7	LIC	BLTTA	-20040722ABJ
14	K14KE	ST. JAMES MN	109.8	LIC	BLTT	-20020614AAX
14	K14LF	WILLMAR MN	58.3	LIC	BLTT	-20030311ARO
14	KJRR-DT	JAMESTOWN ND	341.4	PLN	DTVPLN	-DTVP0140
14	KPLO-DT	RELIANCE SD	332.8	PLN	DTVPLN	-DTVP0148
14	WXOW-DT	LA CROSSE WI	352.9	PLN	DTVPLN	-DTVP0155
14	WXOW-TV	LACROSSE WI	353.0	CP MOD	BMPCDT	-20060608AAJ
15	KSMN-DT	WORTHINGTON MN	104.9	PLN	DTVPLN	-DTVP0173
15	KSMN	WORTHINGTON MN	104.9	LIC	BLEDT	-20051219AGX
18	KESD-DT	BROOKINGS SD	140.5	PLN	DTVPLN	-DTVP0324
29	K29HU-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABE
29	STJ29D		110.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
14	K14KE	ST. JAMES MN	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	KMEG	SIOUX CITY IA	214.0	LIC	BLCT	-19991227AAR
14	KSAX-DT	ALEXANDRIA MN	182.7	PLN	DTVPLN	-DTVP0135
14	K61AU	GRANITE FALLS MN	109.8	CP	BDISTTL	-20060720ADG
14	K14KH	MINNEAPOLIS MN	142.7	LIC	BLTTA	-20040722ABJ
14	WXOW-DT	LA CROSSE WI	260.7	PLN	DTVPLN	-DTVP0155
14	WXOW-TV	LACROSSE WI	260.7	CP MOD	BMPCDT	-20060608AAJ
15	KSMN-DT	WORTHINGTON MN	110.3	PLN	DTVPLN	-DTVP0173
15	KSMN	WORTHINGTON MN	110.3	LIC	BLEDT	-20051219AGX
29	STJ29D		0.3	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	K14LF	WILLMAR MN	BLTT	-20030311ARO

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KMEG	SIOUX CITY IA	301.8	LIC	BLCT	-19991227AAR
14	KSAX-DT	ALEXANDRIA MN	60.2	PLN	DTVPLN	-DTVP0135
14	K61AU	GRANITE FALLS MN	58.3	CP	BDISTTL	-20060720ADG
14	K14KH	MINNEAPOLIS MN	140.6	LIC	BLTTA	-20040722ABJ
14	KJRR-DT	JAMESTOWN ND	347.8	PLN	DTVPLN	-DTVP0140
14	KPLO-DT	RELIANCE SD	384.9	PLN	DTVPLN	-DTVP0148
14	WXOW-DT	LA CROSSE WI	328.3	PLN	DTVPLN	-DTVP0155
14	WXOW-TV	LACROSSE WI	328.3	CP MOD	BMPCDT	-20060608AAJ
29	STJ29D		122.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

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
14	WXOW-TV	LACROSSE WI	132.2	CP MOD	BMPCDT	-20060608AAJ
15	KYOU-TV	OTTUMWA IA	288.9	LIC	BLCT	-19960528KO
15	KSMN-DT	WORTHINGTON MN	237.5	PLN	DTVPLN	-DTVP0173
15	KSMN	WORTHINGTON MN	237.5	LIC	BLEDT	-20051219AGX
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
15	WMTV	MADISON WI	292.5	LIC	BLCT	-20040809ABJ
16	KTCI-TV	ST. PAUL MN	153.9	LIC	BMLEDT	-20050322AGB
16	KTCI-DT	ST. PAUL MN	153.9	PLN	DTVPLN	-DTVP0226
17	WLAX-DT	LA CROSSE WI	131.8	PLN	DTVPLN	-DTVP0287
17	WLAX	LA CROSSE WI	131.7	CP	BPCDT	-19991027ABS
18	KYIN	MASON CITY IA	32.6	CP MOD	BMPEDT	-20060714ABL
18	KYIN-DT	MASON CITY IA	36.5	PLN	DTVPLN	-DTVP0302
19	WXOW-TV	LACROSSE WI	132.2	LIC	BLCT	-20010403ABI
22	KWWF	WATERLOO IA	161.8	CP MOD	BPCT	-20030505AAA
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

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

29 STJ29D 136.2 APP USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

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.
20	KSMN	WORTHINGTON MN	110.3	LIC	BLET	-19970224KH
21	KTIN	FORT DODGE IA	144.2	CP	BPET	-20060911AAH
21	KQDS-TV	DULUTH MN	355.7	LIC	BLCT	-20000320AAX
21	WFTC	MINNEAPOLIS MN	157.4	LIC	BLCDDT	-20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	157.4	PLN	DTVPLN	-DTVP0443
21	WDAY-DT	FARGO ND	381.0	PLN	DTVPLN	-DTVP0447
25	KTIN	FORT DODGE IA	144.2	CP MOD	BMPEDT	-20060911AAJ
25	KTIN-DT	FORT DODGE IA	144.2	PLN	DTVPLN	-DTVP0600
36	NEW	ST. JAMES MN	0.3	APP	BDCCDTL	-20061020ABP
29	STJ29D		0.3	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.
22	K22DO	GRANITE FALLS MN	BLTTL	-19910227KB

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
15	KSMN-DT	WORTHINGTON MN	104.9	PLN	DTVPLN	-DTVP0173
15	KSMN	WORTHINGTON MN	104.9	LIC	BLEDT	-20051219AGX
18	KESD-DT	BROOKINGS SD	140.5	PLN	DTVPLN	-DTVP0324
21	K21IP-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABD
22	KWWF	WATERLOO IA	391.3	CP MOD	BPCT	-20030505AAA
22	KAWB	BRAINERD MN	199.7	LIC	BLET	-19880304KG
22	WUCW	MINNEAPOLIS MN	194.2	CP	BPCDDT	-19991027ADG
22	KLGT-DT	MINNEAPOLIS MN	195.3	PLN	DTVPLN	-DTVP0488
22	K22AE	NEW ULM MN	109.0	LIC	BLTT	-19830228IC
22	WOWT-DT	OMAHA NE	390.0	PLN	DTVPLN	-DTVP0495
22	KTTM-DT	HURON SD	227.4	PLN	DTVPLN	-DTVP0503
23	K63AU	GRANITE FALLS MN	0.0	APP	BDISTTL	-20060720ADF
24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN	-DTVP0572

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT	-20020605AAX
29	STJ29D		110.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
22	K22AE	NEW ULM MN	BLTT	-19830228IC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KSMQ-TV	AUSTIN MN	131.7	LIC	BMLET	-20041214ADY
15	KSMN-DT	WORTHINGTON MN	127.8	PLN	DTVPLN	-DTVP0173
15	KSMN	WORTHINGTON MN	127.8	LIC	BLEDT	-20051219AGX
20	KSMQ-DT	AUSTIN MN	131.7	PLN	DTVPLN	-DTVP0402
22	KWWF	WATERLOO IA	284.0	CP MOD	BPCT	-20030505AAA
22	KAWB	BRAINERD MN	239.8	LIC	BLET	-19880304KG
22	K22IA-D	FROST MN	85.6	CP	BDCCDTL	-20061020ABM
22	K22DO	GRANITE FALLS MN	109.0	LIC	BLTTL	-19910227KB
22	WUCW	MINNEAPOLIS MN	135.2	CP	BPCDT	-19991027ADG
22	KLGT-DT	MINNEAPOLIS MN	135.8	PLN	DTVPLN	-DTVP0488
22	K22HJ	WORTHINGTON MN	123.8	LIC	BLTT	-20040730AGU
22	WOWT-DT	OMAHA NE	353.2	PLN	DTVPLN	-DTVP0495
22	KTTM-DT	HURON SD	309.6	PLN	DTVPLN	-DTVP0503
26	KMSP-DT	MINNEAPOLIS MN	135.8	PLN	DTVPLN	-DTVP0641
29	STJ29D		22.0	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.
22	K22HJ	WORTHINGTON MN	BLTT	-20040730AGU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KSMN-DT	WORTHINGTON MN	37.5	PLN	DTVPLN	-DTVP0173
15	KSMN	WORTHINGTON MN	37.5	LIC	BLEDT	-20051219AGX
22	KWWF	WATERLOO IA	327.5	CP MOD	BPCT	-20030505AAA
22	KAWB	BRAINERD MN	326.4	LIC	BLET	-19880304KG
22	WUCW	MINNEAPOLIS MN	258.6	CP	BPCDT	-19991027ADG
22	KLGT-DT	MINNEAPOLIS MN	259.3	PLN	DTVPLN	-DTVP0488
22	K22AE	NEW ULM MN	123.8	LIC	BLTT	-19830228IC

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

22	WOWT-DT	OMAHA NE	257.8	PLN	DTVPLN	-DTVP0495
22	KTTM-DT	HURON SD	220.1	PLN	DTVPLN	-DTVP0503
23	KCSD-TV	SIOUX FALLS SD	77.9	CP MOD	BMPET	-20031222ABL
24	KCSD-TV	SIOUX FALLS SD	77.9	LIC	BLEDT	-20040112ACM
24	KCSD-DT	SIOUX FALLS SD	85.3	PLN	DTVPLN	-DTVP0583
25	KTIN	FORT DODGE IA	136.4	CP MOD	BMPEDT	-20060911AAJ
25	KTIN-DT	FORT DODGE IA	136.4	PLN	DTVPLN	-DTVP0600
26	KDLT-DT	MITCHELL SD	135.5	PLN	DTVPLN	-DTVP0652
29	KSFY-DT	SIOUX FALLS SD	69.0	PLN	DTVPLN	-DTVP0765
30	KCAU-DT	SIOUX CITY IA	122.7	PLN	DTVPLN	-DTVP0784
36	KWSD	SIOUX FALLS SD	72.2	LIC	BLCT	-20001108ABE
29	STJ29D		103.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
25	K65BA	GRANITE FALLS MN	BDISTTL -20060720ADE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KESD-DT	BROOKINGS SD	140.5	PLN	DTVPLN -DTVP0324
24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN -DTVP0572
24	K24CS	GRANITE FALLS MN	0.0	LIC	BLTTL -19910227KC
25	KTIN	FORT DODGE IA	239.9	CP MOD	BMPEDT -20060911AAJ
25	KTIN-DT	FORT DODGE IA	239.9	PLN	DTVPLN -DTVP0600
25	K25AA	ROCK RAPIDS, ETC. IA	166.2	APP	BPTT -20060322ACU
25	K25EI	APPLETON MN	53.0	LIC	BLTTL -19930217IM
25	K25IA	MINNEAPOLIS MN	182.7	LIC	BLTT -20041213AAL
25	K25II	REDWOOD FALLS MN	55.9	LIC	BLTT -20050128ARO
25	KDLO-DT	FLORENCE SD	159.2	PLN	DTVPLN -DTVP0618
25	WLAX	LA CROSSE WI	352.7	LIC	BLCT -20000314AAA
26	K26DG	GRANITE FALLS MN	0.0	LIC	BLTTL -19910227KD
27	KRWF	REDWOOD FALLS MN	36.3	CP MOD	BMPEDT -20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	36.3	PLN	DTVPLN -DTVP0674
40	K40JK-D	GRANITE FALLS MN	0.0	CP	BDCCDTL -20061018ADF
40	NEW -DT	SIOUX FALLS SD	133.2	PLN	DTVPLN -DTVP1140
29	STJ29D		110.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KCCO-DT	ALEXANDRIA MN	126.3	PLN	DTVPLN -DTVP0572
25	KTIN	FORT DODGE IA	198.1	CP MOD	BMPEDT -20060911AAJ
25	KTIN-DT	FORT DODGE IA	198.1	PLN	DTVPLN -DTVP0600
25	K65BA	GRANITE FALLS MN	55.9	CP	BDISTTL -20060720ADE
25	K25IA	MINNEAPOLIS MN	141.7	LIC	BLTT -20041213AAL
25	KDLO-DT	FLORENCE SD	211.9	PLN	DTVPLN -DTVP0618
25	WLAX	LA CROSSE WI	298.4	LIC	BLCT -20000314AAA
27	KRWF	REDWOOD FALLS MN	42.2	CP MOD	BMPCDT -20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	42.2	PLN	DTVPLN -DTVP0674
40	KPXM	ST. CLOUD MN	135.3	LIC	BLCDT -20030903AAU
40	KXLI-DT	ST. CLOUD MN	135.3	PLN	DTVPLN -DTVP1130
29	STJ29D		57.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
26	K26DG	GRANITE FALLS MN	BLTTL -19910227KD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
18	KESD-DT	BROOKINGS SD	140.5	PLN	DTVPLN -DTVP0324
24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN -DTVP0572
25	K65BA	GRANITE FALLS MN	0.0	CP	BDISTTL -20060720ADE
26	KBTB-DT	DES MOINES IA	368.7	PLN	DTVPLN -DTVP0634
26	KFTC	BEMIDJI MN	301.8	LIC	BLCT -19991203AAP
26	KMSP-DT	MINNEAPOLIS MN	195.3	PLN	DTVPLN -DTVP0641
26	KDLV-TV	MITCHELL SD	253.5	CP	BPCDT -19991101AIX
26	KDLT-DT	MITCHELL SD	193.3	PLN	DTVPLN -DTVP0652
26	KCPO-LP	SIOUX FALLS SD	168.8	LIC	BLTTL -20011029AAL
27	KRWF	REDWOOD FALLS MN	36.3	CP MOD	BMPCDT -20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	36.3	PLN	DTVPLN -DTVP0674
40	NEW -DT	SIOUX FALLS SD	133.2	PLN	DTVPLN -DTVP1140
41	K41KG-D	GRANITE FALLS MN	0.0	CP	BDCCDTL -20061018ADD
29	STJ29D		110.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 13

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KCSD-TV	SIOUX FALLS SD	133.9	LIC	BLEDT	-20040112ACM
24	KCSD-DT	SIOUX FALLS SD	141.2	PLN	DTVPLN	-DTVP0583
25	KTIN	FORT DODGE IA	99.2	CP MOD	BMPEDT	-20060911AAJ
25	KTIN-DT	FORT DODGE IA	99.2	PLN	DTVPLN	-DTVP0600
26	KBTB-DT	DES MOINES IA	228.7	PLN	DTVPLN	-DTVP0634
26	KMSP-DT	MINNEAPOLIS MN	219.6	PLN	DTVPLN	-DTVP0641
26	K26CS	ST. JAMES MN	64.3	LIC	BLTT	-20050908ACF
26	KYNE-TV	OMAHA NE	273.7	LIC	BLET	-19801016KG
26	KDLV-TV	MITCHELL SD	275.4	CP	BPCDT	-19991101AIX
26	KDLT-DT	MITCHELL SD	191.5	PLN	DTVPLN	-DTVP0652
27	KRWF	REDWOOD FALLS MN	105.7	CP MOD	BMPCDT	-20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	105.7	PLN	DTVPLN	-DTVP0674
29	KSFY-DT	SIOUX FALLS SD	124.6	PLN	DTVPLN	-DTVP0765
40	NEW -DT	SIOUX FALLS SD	134.0	PLN	DTVPLN	-DTVP1140
41	K41EG	JACKSON MN	0.0	LIC	BLTTL	-19950515ID
29	STJ29D		64.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KBTB-DT	DES MOINES IA	267.5	PLN	DTVPLN	-DTVP0634
26	KFTC	BEMIDJI MN	374.0	LIC	BLCT	-19991203AAP
26	K53HR	JACKSON MN	64.3	CP	BDISTTL	-20060912AEP
26	KMSP-DT	MINNEAPOLIS MN	157.4	PLN	DTVPLN	-DTVP0641
26	KYNE-TV	OMAHA NE	337.1	LIC	BLET	-19801016KG
26	KDLV-TV	MITCHELL SD	307.7	CP	BPCDT	-19991101AIX
26	KDLT-DT	MITCHELL SD	228.5	PLN	DTVPLN	-DTVP0652
27	KRWF	REDWOOD FALLS MN	82.4	CP MOD	BMPCDT	-20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	82.4	PLN	DTVPLN	-DTVP0674
33	KAAL-DT	AUSTIN MN	127.5	PLN	DTVPLN	-DTVP0905
41	K41IZ	ST. JAMES MN	0.3	LIC	BLTTL	-20051006ABA
29	STJ29D		0.3	APP	USERRECORD-01	

Proposal causes no interference

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FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
27	K27FI	FROST MN	BMJPTTL -20000821AHG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KSMQ-TV	AUSTIN MN	113.1	CP	BPEDT -20000501AGW
20	KSMQ-DT	AUSTIN MN	75.2	PLN	DTVPLN -DTVP0402
25	KTIN	FORT DODGE IA	93.9	CP MOD	BMPEDT -20060911AAJ
25	KTIN-DT	FORT DODGE IA	93.9	PLN	DTVPLN -DTVP0600
26	K26IP-D	FROST MN	0.0	CP	BDCCDTL -20061019ACQ
27	KFXA	CEDAR RAPIDS IA	224.0	LIC	BLCDDT -20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	224.0	PLN	DTVPLN -DTVP0671
27	KSIN-TV	SIOUX CITY IA	226.7	LIC	BMLET -20021219AAC
27	KCWV	DULUTH MN	383.0	CP	BNPCT -20060421ABZ
27	KRWF	REDWOOD FALLS MN	159.8	CP MOD	BMPCDT -20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	159.8	PLN	DTVPLN -DTVP0674
27	K27CW	ROCHESTER MN	132.4	LIC	BLTT -19890206IB
27	WKOW-TV	MADISON WI	360.2	LIC	BLCT -20000306AAW
27	WHWC-DT	MENOMONIE WI	231.0	PLN	DTVPLN -DTVP0697
27	WHWC-TV	MENOMONIE WI	231.0	LIC	BLEDT -20040824AAF
42	KIMT-DT	MASON CITY IA	91.6	PLN	DTVPLN -DTVP1190
42	KIMT	MASON CITY IA	99.2	APP	BMPCDT -20060509AAH
29	STJ29D		78.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 16

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KSMQ-TV	AUSTIN MN	113.1	CP	BPEDT -20000501AGW
20	KSMQ-DT	AUSTIN MN	75.2	PLN	DTVPLN -DTVP0402
25	KTIN	FORT DODGE IA	93.9	CP MOD	BMPEDT -20060911AAJ
25	KTIN-DT	FORT DODGE IA	93.9	PLN	DTVPLN -DTVP0600
26	K26IP-D	FROST MN	0.0	CP	BDCCDTL -20061019ACQ
27	KFXA	CEDAR RAPIDS IA	224.0	LIC	BLCDDT -20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	224.0	PLN	DTVPLN -DTVP0671
27	KSIN-TV	SIOUX CITY IA	226.7	LIC	BMLET -20021219AAC
27	KCWV	DULUTH MN	383.0	CP	BNPCT -20060421ABZ
27	KRWF	REDWOOD FALLS MN	159.8	CP MOD	BMPCDT -20010518AAO

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

27	KRWF-DT	REDWOOD FALLS MN	159.8	PLN	DTVPLN	-DTVP0674
27	K27CW	ROCHESTER MN	132.4	LIC	BLTT	-19890206IB
27	WKOW-TV	MADISON WI	360.2	LIC	BLCT	-20000306AAW
27	WHWC-DT	MENOMONIE WI	231.0	PLN	DTVPLN	-DTVP0697
27	WHWC-TV	MENOMONIE WI	231.0	LIC	BLEDT	-20040824AAF
42	KIMT-DT	MASON CITY IA	91.6	PLN	DTVPLN	-DTVP1190
42	KIMT	MASON CITY IA	99.2	APP	BMPCDT	-20060509AAH
29	STJ29D		78.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	K28AE	FAIRMONT MN	BLTTTL -19831014IA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KSMQ-DT	AUSTIN MN	120.5	PLN	DTVPLN -DTVP0402
21	KTIN	FORT DODGE IA	94.3	CP	BPET -20060911AAH
25	KTIN	FORT DODGE IA	94.3	CP MOD	BMPEDT -20060911AAJ
25	KTIN-DT	FORT DODGE IA	94.3	PLN	DTVPLN -DTVP0600
27	KRWF	REDWOOD FALLS MN	120.7	CP MOD	BMPCDT -20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	120.7	PLN	DTVPLN -DTVP0674
28	KFXA	CEDAR RAPIDS IA	263.1	LIC	BLCT -20050718AFP
28	KSIN-TV	SIOUX CITY IA	194.2	LIC	BLEDT -20050726AMC
28	KSIN-DT	SIOUX CITY IA	194.2	PLN	DTVPLN -DTVP0706
28	KAWB-DT	BRAINERD MN	306.7	PLN	DTVPLN -DTVP0715
28	K28IO	MANKATO MN	54.2	CP	BNPTTL -20000831CHQ
28	KABY-DT	ABERDEEN SD	313.6	PLN	DTVPLN -DTVP0726
28	WHWC-TV	MENOMONIE WI	260.0	LIC	BMLET -20021118ACH
42	KIMT-DT	MASON CITY IA	138.3	PLN	DTVPLN -DTVP1190
42	KIMT	MASON CITY IA	145.9	APP	BMPCDT -20060509AAH
43	KRWF	REDWOOD FALLS MN	120.7	LIC	BLCT -19870424KH
29	STJ29D		49.9	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 18

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN	-DTVP0572
27	KRWF	REDWOOD FALLS MN	36.3	CP MOD	BMPCDT	-20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	36.3	PLN	DTVPLN	-DTVP0674
28	KSIN-TV	SIOUX CITY IA	261.1	LIC	BLEDT	-20050726AMC
28	KSIN-DT	SIOUX CITY IA	261.1	PLN	DTVPLN	-DTVP0706
28	KAWB-DT	BRAINERD MN	199.7	PLN	DTVPLN	-DTVP0715
28	K28IF	WILLMAR MN	58.3	LIC	BLTTL	-20051130AFL
28	KABY-DT	ABERDEEN SD	184.9	PLN	DTVPLN	-DTVP0726
28	WHWC-TV	MENOMONIE WI	293.7	LIC	BMLET	-20021118ACH
29	K29HU-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABE
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN	-DTVP0827
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT	-20020605AAX
42	KSAX	ALEXANDRIA MN	104.4	LIC	BLCT	-19870925KJ
43	KRWF	REDWOOD FALLS MN	36.3	LIC	BLCT	-19870424KH
29	STJ29D		110.1	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.
28	K28IO	MANKATO MN	BNPTTL	-20000831CHQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KSMQ-DT	AUSTIN MN	109.6	PLN	DTVPLN	-DTVP0402
21	KTIN	FORT DODGE IA	144.5	CP	BPET	-20060911AAH
21	WFTC	MINNEAPOLIS MN	136.9	LIC	BLCDDT	-20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	136.9	PLN	DTVPLN	-DTVP0443
25	KTIN	FORT DODGE IA	144.5	CP MOD	BMPEDT	-20060911AAJ
25	KTIN-DT	FORT DODGE IA	144.5	PLN	DTVPLN	-DTVP0600
26	KMSP-DT	MINNEAPOLIS MN	136.9	PLN	DTVPLN	-DTVP0641
27	KRWF	REDWOOD FALLS MN	108.5	CP MOD	BMPCDT	-20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	108.5	PLN	DTVPLN	-DTVP0674
28	KFXA	CEDAR RAPIDS IA	284.1	LIC	BLCT	-20050718AFP
28	KSIN-TV	SIOUX CITY IA	244.1	LIC	BLEDT	-20050726AMC
28	KSIN-DT	SIOUX CITY IA	244.1	PLN	DTVPLN	-DTVP0706
28	KAWB-DT	BRAINERD MN	257.5	PLN	DTVPLN	-DTVP0715
28	K28AE	FAIRMONT MN	54.2	LIC	BLTTL	-19831014IA
28	KABY-DT	ABERDEEN SD	310.2	PLN	DTVPLN	-DTVP0726
28	WHWC-TV	MENOMONIE WI	214.4	LIC	BMLET	-20021118ACH
32	WCCO-DT	MINNEAPOLIS MN	136.5	PLN	DTVPLN	-DTVP0868
35	KARE	MINNEAPOLIS MN	136.5	LIC	BLCDDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	136.5	PLN	DTVPLN	-DTVP0980
42	KIMT-DT	MASON CITY IA	139.1	PLN	DTVPLN	-DTVP1190
42	KIMT	MASON CITY IA	141.1	APP	BMPCDT	-20060509AAH
43	K43JE	LAKE CRYSTAL MN	0.0	APP	BDFCDTL	-20070312AAX
43	K43JE	LAKE CRYSTAL MN	0.0	CP	BNPTTL	-20000830BJV
43	KRWF	REDWOOD FALLS MN	108.5	LIC	BLCT	-19870424KH
29	STJ29D		29.1	APP	USERRECORD-01	

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Total scenarios = 2

Result key: 1
 Scenario 1 Affected station 19
 Before Analysis

Results for: 28N MN MANKATO	BNPTTL	20000831CHQ	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	9298	288.5	
not affected by terrain losses	8317	283.6	
lost to NTSC IX	1937	79.8	
lost to additional IX by ATV	0	0.0	
lost to all IX	1937	79.8	

Potential Interfering Stations Included in above Scenario 1

28N MN FAIRMONT	BLTTL	19831014IA	LIC
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After Analysis

Results for: 28N MN MANKATO	BNPTTL	20000831CHQ	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	9298	288.5	
not affected by terrain losses	8317	283.6	
lost to NTSC IX	1937	79.8	
lost to additional IX by ATV	174	2.0	
lost to all IX	2111	81.7	

Potential Interfering Stations Included in above Scenario 1

28N MN FAIRMONT	BLTTL	19831014IA	LIC
29A	USERRECORD01		APP

The following station failed the de minimis interference criteria.

29D USERRECORD01
 ERP 1.50 kW HAAT 303.0 m RCAMSL 616.0 m
 Antenna usr USRPAT01

Due to interference to the following station and scenario: 1

28N MN MANKATO	BNPTTL	20000831CHQ
ERP 10.00 kW HAAT 147.0 m RCAMSL 422.0 m		
Antenna CDB 00000000020753		

Percent new DTV interference without proposal:	20.8	BNPTTL	20000831CHQ
Percent new DTV interference with proposal:	22.7	BNPTTL	20000831CHQ

Result key: 2
 Scenario 2 Affected station 19
 Before Analysis

Results for: 28N MN MANKATO	BNPTTL	20000831CHQ	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	9298	288.5	
not affected by terrain losses	8317	283.6	
lost to NTSC IX	1937	79.8	

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

lost to additional IX by ATV	0	0.0
lost to all IX	1937	79.8

Potential Interfering Stations Included in above Scenario 2

28N MN FAIRMONT	BLTTTL	19831014IA	LIC
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After Analysis

Results for: 28N MN MANKATO	BNPTTL	20000831CHQ	CP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	9298	288.5	
not affected by terrain losses	8317	283.6	
lost to NTSC IX	1937	79.8	
lost to additional IX by ATV	174	2.0	
lost to all IX	2111	81.7	

Potential Interfering Stations Included in above Scenario 2

28N MN FAIRMONT	BLTTTL	19831014IA	LIC
29A	USERRECORD01		APP

The following station failed the de minimis interference criteria.

29D	USERRECORD01
ERP 1.50 kW HAAT 303.0 m RCAMSL 616.0 m	
Antenna usr USRPAT01	

Due to interference to the following station and scenario: 2

28N MN MANKATO	BNPTTL	20000831CHQ
ERP 10.00 kW HAAT 147.0 m RCAMSL 422.0 m		
Antenna CDB 00000000020753		

Percent new DTV interference without proposal:	20.8	BNPTTL	20000831CHQ
Percent new DTV interference with proposal:	22.7	BNPTTL	20000831CHQ

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Analysis of Interference to Affected Station 20

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
24	KCCO-DT	ALEXANDRIA MN	58.0	PLN	DTVPLN -DTVP0572
27	KRWF	REDWOOD FALLS MN	83.6	CP MOD	BMPCDT -20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	83.6	PLN	DTVPLN -DTVP0674
28	KSIN-TV	SIOUX CITY IA	311.5	LIC	BLEDT -20050726AMC
28	KSIN-DT	SIOUX CITY IA	311.5	PLN	DTVPLN -DTVP0706
28	KAWB-DT	BRAINERD MN	146.8	PLN	DTVPLN -DTVP0715
28	K67AN	GRANITE FALLS MN	58.3	CP	BDISTTL -20060720ADC
28	KABY-DT	ABERDEEN SD	223.4	PLN	DTVPLN -DTVP0726

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

28	WHWC-TV	MENOMONIE WI	249.8	LIC	BMLET	-20021118ACH
31	KWCM-DT	APPLETON MN	75.0	PLN	DTVPLN	-DTVP0827
36	KSAXDR	ALEXANDRIA MN	60.2	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	60.2	CP MOD	BMPCDT	-20020605AAX
42	KSAX	ALEXANDRIA MN	60.2	LIC	BLCT	-19870925KJ
43	KRWF	REDWOOD FALLS MN	83.6	LIC	BLCT	-19870424KH
29	STJ29D		122.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
28	K56GF	SIOUX FALLS SD	BDISDTT -20060330AHQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KSIN-TV	SIOUX CITY IA	119.6	LIC	BMLET -20021219AAC
28	KSIN-TV	SIOUX CITY IA	119.6	LIC	BLEDT -20050726AMC
28	KSIN-DT	SIOUX CITY IA	119.6	PLN	DTVPLN -DTVP0706
28	KAWB-DT	BRAINERD MN	363.6	PLN	DTVPLN -DTVP0715
28	KHNE-TV	HASTINGS NE	330.1	LIC	BLEDT -20030409ABN
28	KHNE	HASTINGS NE	330.1	LIC	BPRM -20000728AAH
28	KABY-DT	ABERDEEN SD	197.7	PLN	DTVPLN -DTVP0726
29	KSFY-DT	SIOUX FALLS SD	12.7	PLN	DTVPLN -DTVP0765
29	STJ29D		178.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
25	KTIN	FORT DODGE IA	145.1	CP MOD	BMPEDT -20060911AAJ
25	KTIN-DT	FORT DODGE IA	145.1	PLN	DTVPLN -DTVP0600
26	KBTB-DT	DES MOINES IA	16.4	PLN	DTVPLN -DTVP0634
27	KFXA	CEDAR RAPIDS IA	132.6	LIC	BLCDDT -20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	132.6	PLN	DTVPLN -DTVP0671
28	KFXA	CEDAR RAPIDS IA	132.6	LIC	BLCT -20050718AFP
29	960920IP	DUBUQUE IA	251.8	APP	BPET -19960920IP

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

29	KFPX	NEWTON IA	35.5	APP	BPRM	-20040322AHK
29	WFTC	MINNEAPOLIS MN	379.0	LIC	BLCT	-19910823KG
29	KHQA-DT	HANNIBAL MO	267.0	PLN	DTVPLN	-DTVP0748
29	KCWE	KANSAS CITY MO	297.6	LIC	BLCT	-19990419KF
29	KHNE-TV	HASTINGS NE	389.5	LIC	BMLET	-20020206ABQ
29	KSFY-DT	SIOUX FALLS SD	317.4	PLN	DTVPLN	-DTVP0765
31	KCCI	DES MOINES IA	16.4	LIC	BLCDDT	-20050628ABX
31	KCCI-DT	DES MOINES IA	16.4	PLN	DTVPLN	-DTVP0821
43	960709KT	DES MOINES IA	0.0	APP	BPET	-19960709KT
43	960724KM	DES MOINES IA	16.4	APP	BPET	-19960724KM
43	960222KG	DES MOINES IA	1.9	APP	BPET	-19960222KG
43	960508KE	DES MOINES IA	14.8	APP	BPET	-19960508KE
43	960715KG	DES MOINES IA	0.0	APP	BPET	-19960715KG
43	960930KF	DES MOINES IA	16.4	APP	BPET	-19960930KF
29	STJ29D		283.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	960920IP	DUBUQUE IA	BPET	-19960920IP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WHA-TV	MADISON WI	116.5	LIC	BLET	-20020227ABP
22	KWWF	WATERLOO IA	103.9	CP MOD	BPCT	-20030505AAA
25	KWKB	IOWA CITY IA	99.9	CP	BPCDDT	-19991020AAN
25	KWKB-DT	IOWA CITY IA	104.8	PLN	DTVPLN	-DTVP0601
26	WKOW-DT	MADISON WI	116.5	PLN	DTVPLN	-DTVP0659
26	WKOW-TV	MADISON WI	116.5	CP	BPCDDT	-20000501AEY
27	KFXA	CEDAR RAPIDS IA	119.2	LIC	BLCDDT	-20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	119.2	PLN	DTVPLN	-DTVP0671
27	WKOW-TV	MADISON WI	116.5	LIC	BLCT	-20000306AAW
28	KFXA	CEDAR RAPIDS IA	119.2	LIC	BLCT	-20050718AFP
29	KFPX	NEWTON IA	216.6	APP	BPRM	-20040322AHK
29	WMAQ-TV	CHICAGO IL	265.5	LIC	BLCDDT	-20010531ACY
29	WMAQ-DT	CHICAGO IL	265.5	PLN	DTVPLN	-DTVP0742
29	WFTC	MINNEAPOLIS MN	342.0	LIC	BLCT	-19910823KG
29	KHQA-DT	HANNIBAL MO	285.5	PLN	DTVPLN	-DTVP0748
29	WAOW-DT	WAUSAU WI	281.7	PLN	DTVPLN	-DTVP0772
30	961001KU	DAVENPORT IA	117.1	APP	BPCT	-19961001KU
30	960710LA	DAVENPORT IA	108.7	APP	BPET	-19960710LA
30	960508KF	DAVENPORT IA	134.3	APP	BPET	-19960508KF
30	WHLA-DT	LA CROSSE WI	153.1	PLN	DTVPLN	-DTVP0809
30	WHLA-TV	LA CROSSE WI	153.1	LIC	BMLEDT	-20041013AAL
32	KRIN	WATERLOO IA	93.4	LIC	BLET	-19860923KQ
32	WJNW-DT	JANESVILLE WI	126.5	PLN	DTVPLN	-DTVP0889
32	WBUW	JANESVILLE WI	119.5	LIC	BLCDDT	-20040930BHL
36	KQIN	DAVENPORT IA	108.9	LIC	BLET	-19911230KE
43	KFXB-DT	DUBUQUE IA	10.6	PLN	DTVPLN	-DTVP1224
43	KFXB	DUBUQUE IA	10.7	CP	BPCDDT	-19991028ACY

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

29 STJ29D 358.5 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.
29	KFPX	NEWTON IA	BPRM	-20040322AHK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KFXA	CEDAR RAPIDS IA	97.5	LIC	BLCT	-20050718AFP
29	960920IP	DUBUQUE IA	216.6	APP	BPET	-19960920IP
29	WFTC	MINNEAPOLIS MN	360.2	LIC	BLCT	-19910823KG
29	KHQA-DT	HANNIBAL MO	258.7	PLN	DTVPLN	-DTVP0748
29	KCWE	KANSAS CITY MO	323.4	LIC	BLCT	-19990419KF
29	KHNE-TV	HASTINGS NE	423.8	LIC	BMLET	-20020206ABQ
29	KSFY-DT	SIOUX FALLS SD	331.0	PLN	DTVPLN	-DTVP0765
30	960710LA	DAVENPORT IA	228.8	APP	BPET	-19960710LA
29	STJ29D		278.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
29	K29CC	APPLETON MN	BLTTL	-19890815IJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KDLO-DT	FLORENCE SD	127.3	PLN	DTVPLN	-DTVP0618
27	KRWF	REDWOOD FALLS MN	87.0	CP MOD	BMPCDT	-20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	87.0	PLN	DTVPLN	-DTVP0674
29	WFTC	MINNEAPOLIS MN	225.7	LIC	BLCT	-19910823KG
29	KSFY-DT	SIOUX FALLS SD	189.6	PLN	DTVPLN	-DTVP0765
31	KWCM-DT	APPLETON MN	1.5	PLN	DTVPLN	-DTVP0827
36	KSAXDR	ALEXANDRIA MN	86.2	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	86.2	CP MOD	BMPCDT	-20020605AAX
43	KRWF	REDWOOD FALLS MN	87.0	LIC	BLCT	-19870424KH
29	STJ29D		162.8	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 26

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	NEW	FROST MN	BSFDTL -20060630BDQ

NOTE: STUDY REMOVED; AGREEMENT EXISTS BETWEEN APPLICANT AND FROST OWNER

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Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29EB	GRAND RAPIDS MN	BLTT -20021011AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
22	KAWB	BRAINERD MN	130.1	LIC	BLET -19880304KG
28	KAWB-DT	BRAINERD MN	130.1	PLN	DTVPLN -DTVP0715
29	WFTC	MINNEAPOLIS MN	254.4	LIC	BLCT -19910823KG
29	WAOW-DT	WAUSAU WI	392.0	PLN	DTVPLN -DTVP0772
31	WRPT	HIBBING MN	33.6	CP	BPEDT -20030605AFB
31	NEW	HIBBING MN	33.6	LIC	BPRM -20000717AEU
33	KDLH-DT	DULUTH MN	114.6	PLN	DTVPLN -DTVP0906
36	WIRT-DT	HIBBING MN	33.6	PLN	DTVPLN -DTVP1020
36	WIRT	HIBBING MN	33.6	CP	BPCDT -19991027ABC
43	WDIO-DT	DULUTH MN	114.4	PLN	DTVPLN -DTVP1230
29	STJ29D		371.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	K29EB	GRAND RAPIDS MN	BDFCDTT -20060331BGK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KAWB-DT	BRAINERD MN	130.1	PLN	DTVPLN -DTVP0715
29	WFTC	MINNEAPOLIS MN	254.4	LIC	BLCT -19910823KG
29	WAOW-DT	WAUSAU WI	392.0	PLN	DTVPLN -DTVP0772
29	STJ29D		371.1	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

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Analysis of Interference to Affected Station 29

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	K67AN	GRANITE FALLS MN	0.0	CP	BDISTTL	-20060720ADC
29	KFPX	NEWTON IA	383.3	APP	BPRM	-20040322AHK
29	K29CC	APPLETON MN	53.0	LIC	BLTTL	-19890815IJ
29	WFTC	MINNEAPOLIS MN	195.3	LIC	BLCT	-19910823KG
29	KSFY-DT	SIOUX FALLS SD	161.9	PLN	DTVPLN	-DTVP0765
30	K30JL-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061018ADG
29	STJ29D		110.1	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 30

NTSC Baseline Analysis

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

Stations Potentially Affecting This Station

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

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

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	WFTC	MINNEAPOLIS MN	0.0	LIC	BLCDDT	-20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0443
22	KAWB	BRAINERD MN	183.7	LIC	BLET	-19880304KG
22	WUCW	MINNEAPOLIS MN	1.3	CP	BPCDDT	-19991027ADG
22	KLGT-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0488
26	KMSP-DT	MINNEAPOLIS MN	0.0	PLN	DTVPLN	-DTVP0641
27	WHWC-DT	MENOMONIE WI	99.0	PLN	DTVPLN	-DTVP0697
27	WHWC-TV	MENOMONIE WI	99.0	LIC	BLEDT	-20040824AAF
28	KAWB-DT	BRAINERD MN	183.7	PLN	DTVPLN	-DTVP0715
28	WHWC-TV	MENOMONIE WI	99.0	LIC	BMLET	-20021118ACH
29	960920IP	DUBUQUE IA	342.0	APP	BPET	-19960920IP
29	KFPX	NEWTON IA	360.2	APP	BPRM	-20040322AHK
29	KSFY-DT	SIOUX FALLS SD	320.8	PLN	DTVPLN	-DTVP0765
29	WAOW-DT	WAUSAU WI	270.2	PLN	DTVPLN	-DTVP0772
30	WHLA-DT	LA CROSSE WI	197.1	PLN	DTVPLN	-DTVP0809
30	WHLA-TV	LA CROSSE WI	197.1	LIC	BMLEDT	-20041013AAL
32	WCCO-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN	-DTVP0868
43	KRWF	REDWOOD FALLS MN	197.3	LIC	BLCT	-19870424KH
44	KSTC-TV	MINNEAPOLIS MN	1.3	LIC	BLCDDT	-20060525ABR
44	KVBM-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN	-DTVP1271
29	STJ29D		157.3	APP	USERRECORD-01	

Total scenarios = 6

Result key: 6
Scenario 1 Affected station 30
Before Analysis

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

Potential Interfering Stations Included in above Scenario 1

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

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

lost to NTSC IX	11410	942.9
lost to additional IX by ATV	14626	846.6
lost to all IX	26036	1789.6

Potential Interfering Stations Included in above Scenario 1

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	DTVPLN	DTVP0697	PLN
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
29A	USERRECORD01		APP
*Percent new DTV interference without proposal:		0.6	BLCT 19910823KG
*Percent new DTV interference with proposal:		1.0	BLCT 19910823KG

Result key: 7
 Scenario 2 Affected station 30
 Before Analysis

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

Potential Interfering Stations Included in above Scenario 2

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

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	14626	846.6	
lost to all IX	26036	1789.6	

Potential Interfering Stations Included in above Scenario 2

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	BLEDT	20040824AAF	LIC
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
29A	USERRECORD01		APP
*Percent new DTV interference without proposal:		0.6	BLCT 19910823KG
*Percent new DTV interference with proposal:		1.0	BLCT 19910823KG

Result key: 8
 Scenario 3 Affected station 30

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Before Analysis

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

Potential Interfering Stations Included in above Scenario 3

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

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	14633	847.6	
lost to all IX	26043	1790.6	

Potential Interfering Stations Included in above Scenario 3

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

*Percent new DTV interference without proposal:	0.6	BLCT	19910823KG
*Percent new DTV interference with proposal:	1.0	BLCT	19910823KG

Result key: 9
 Scenario 4 Affected station 30
 Before Analysis

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

Potential Interfering Stations Included in above Scenario 4

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

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

29A WI WAUSAU DTVPLN DTVP0772 PLN

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	14626	846.6	
lost to all IX	26036	1789.6	

Potential Interfering Stations Included in above Scenario 4

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	DTVPLN	DTVP0697	PLN
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN
29A WI WAUSAU	DTVPLN	DTVP0772	PLN
29A	USERRECORD01		APP
*Percent new DTV interference without proposal:		0.6	BLCT 19910823KG
*Percent new DTV interference with proposal:		1.0	BLCT 19910823KG

Result key: 10
Scenario 5 Affected station 30
Before Analysis

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

Potential Interfering Stations Included in above Scenario 5

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

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	14633	847.6	
lost to all IX	26043	1790.6	

Potential Interfering Stations Included in above Scenario 5

28N WI MENOMONIE	BMLET	20021118ACH	LIC
27A WI MENOMONIE	BLEDT	20040824AAF	LIC

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

29A IA NEWTON	BPRM	20040322AHK	APP		
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN		
29A WI WAUSAU	DTVPLN	DTVP0772	PLN		
29A	USERRECORD01		APP		
*Percent new DTV interference without proposal:				0.6	BLCT 19910823KG
*Percent new DTV interference with proposal:				1.0	BLCT 19910823KG

Result key: 11
 Scenario 6 Affected station 30
 Before Analysis

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

Potential Interfering Stations Included in above Scenario 6

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

After Analysis

Results for: 29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2679059	22547.8	
not affected by terrain losses	2671900	22312.6	
lost to NTSC IX	11410	942.9	
lost to additional IX by ATV	14626	846.6	
lost to all IX	26036	1789.6	

Potential Interfering Stations Included in above Scenario 6

28N WI MENOMONIE	BMLET	20021118ACH	LIC		
27A WI MENOMONIE	BLEDT	20040824AAF	LIC		
29A SD SIOUX FALLS	DTVPLN	DTVP0765	PLN		
29A WI WAUSAU	DTVPLN	DTVP0772	PLN		
29A	USERRECORD01		APP		
*Percent new DTV interference without proposal:				0.6	BLCT 19910823KG
*Percent new DTV interference with proposal:				1.0	BLCT 19910823KG

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Analysis of Interference to Affected Station 31

DTV Baseline Analysis

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

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Stations Potentially Affecting This Station

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

Results for: 29A SD SIOUX FALLS DTVPLN DTVP0765 PLN

HAAT 610.0 m, ATV ERP 769.0 kW

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

NTSC Baseline Analysis

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

Stations Potentially Affecting This Station

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

Results for: 13N SD SIOUX FALLS DTVPLN NPLN0863 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	566600	45456.4
not affected by terrain losses	473971	41761.2
lost to NTSC IX	55301	6531.3
lost to additional IX by ATV	0	0.0
lost to all IX	55301	6531.3

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KSIN-TV	SIOUX CITY IA	113.1	LIC	BLEDT	-20050726AMC
28	KSIN-DT	SIOUX CITY IA	113.2	PLN	DTVPLN	-DTVP0706
28	KABY-DT	ABERDEEN SD	207.1	PLN	DTVPLN	-DTVP0726
29	KFPX	NEWTON IA	331.0	APP	BPRM	-20040322AHK
29	WFTC	MINNEAPOLIS MN	320.8	LIC	BLCT	-19910823KG
29	KHNE-TV	HASTINGS NE	331.1	LIC	BMLET	-20020206ABQ
30	KCAU-DT	SIOUX CITY IA	106.5	PLN	DTVPLN	-DTVP0784
29	STJ29D		168.7	APP	USERRECORD-01	

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Total scenarios = 6

Result key: 12
 Scenario 1 Affected station 31
 Before Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	31560	1966.0
lost to ATV IX only	32860	1990.9
lost to all IX	36984	2430.9

Potential Interfering Stations Included in above Scenario 1

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

After Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	32820	2366.2
lost to ATV IX only	37145	2734.5
lost to all IX	38244	2831.1

Potential Interfering Stations Included in above Scenario 1

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A	USERRECORD01		APP
*Percent Service lost without proposal:	10.8	to BLC DT	20030404AAM
*Percent Service lost with proposal:	11.0	to BLC DT	20030404AAM

Result key: 13
 Scenario 2 Affected station 31
 Before Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

lost to additional IX by ATV	31513	1957.1
lost to ATV IX only	32813	1982.0
lost to all IX	36937	2422.0

Potential Interfering Stations Included in above Scenario 2

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

After Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	32773	2357.3
lost to ATV IX only	37098	2725.6
lost to all IX	38197	2822.1

Potential Interfering Stations Included in above Scenario 2

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A	USERRECORD01		APP
*Percent Service lost without proposal:	10.7	to BLCDDT	20030404AAM
*Percent Service lost with proposal:	11.0	to BLCDDT	20030404AAM

Result key: 14
 Scenario 3 Affected station 31
 Before Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	31760	1989.9
lost to ATV IX only	33131	2021.8
lost to all IX	37184	2454.8

Potential Interfering Stations Included in above Scenario 3

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
29A IA NEWTON	BPRM	20040322AHK	APP
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

After Analysis

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	33020	2390.1
lost to ATV IX only	37407	2764.4
lost to all IX	38444	2855.0

Potential Interfering Stations Included in above Scenario 3

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
29A IA NEWTON	BPRM	20040322AHK	APP
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A	USERRECORD01		APP
*Percent Service lost without proposal:	10.8	to BLCDT	20030404AAM
*Percent Service lost with proposal:	11.1	to BLCDT	20030404AAM

Result key: 15
 Scenario 4 Affected station 31
 Before Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	31560	1966.0
lost to ATV IX only	32860	1990.9
lost to all IX	36984	2430.9

Potential Interfering Stations Included in above Scenario 4

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

After Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	32820	2366.2
lost to ATV IX only	37145	2734.5
lost to all IX	38244	2831.1

Potential Interfering Stations Included in above Scenario 4

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	BLEDT	20050726AMC	LIC
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A	USERRECORD01		APP
*Percent Service lost without proposal:	10.8	to BLCDT	20030404AAM
*Percent Service lost with proposal:	11.0	to BLCDT	20030404AAM

Result key: 16
 Scenario 5 Affected station 31
 Before Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	31713	1981.0
lost to ATV IX only	33084	2012.8
lost to all IX	37137	2445.9

Potential Interfering Stations Included in above Scenario 5

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
29A IA NEWTON	BPRM	20040322AHK	APP
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

After Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	32973	2381.2
lost to ATV IX only	37360	2755.4
lost to all IX	38397	2846.0

Potential Interfering Stations Included in above Scenario 5

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
29A IA NEWTON	BPRM	20040322AHK	APP
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A	USERRECORD01		APP
*Percent Service lost without proposal:	10.8	to BLCDT	20030404AAM
*Percent Service lost with proposal:	11.1	to BLCDT	20030404AAM

Result key: 17

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Scenario 6 Affected station 31
Before Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	31513	1957.1
lost to ATV IX only	32813	1982.0
lost to all IX	36937	2422.0

Potential Interfering Stations Included in above Scenario 6

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN

After Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	453838	39670.3
not affected by terrain losses	442787	39337.8
lost to NTSC IX	5424	464.9
lost to additional IX by ATV	32773	2357.3
lost to ATV IX only	37098	2725.6
lost to all IX	38197	2822.1

Potential Interfering Stations Included in above Scenario 6

29N MN MINNEAPOLIS	BLCT	19910823KG	LIC
29N NE HASTINGS	BMLET	20020206ABQ	LIC
28A IA SIOUX CITY	DTVPLN	DTVP0706	PLN
30A IA SIOUX CITY	DTVPLN	DTVP0784	PLN
29A	USERRECORD01		APP
*Percent Service lost without proposal:	10.7	to BLCDT	20030404AAM
*Percent Service lost with proposal:	11.0	to BLCDT	20030404AAM

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Analysis of Interference to Affected Station 32

DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
29	WAOW-DT	WAUSAU WI	DTVPLN -DTVP0772

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	WYOW-DT	EAGLE RIVER WI	101.1	PLN	DTVPLN -DTVP0732

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

28	WHWCTV	MENOMONIE WI	171.3	PLN	DTVPLN	-NPLN1347
29	WMAQ-DT	CHICAGO IL	376.6	PLN	DTVPLN	-DTVP0742
29	WGTU	TRAVERSE CITY MI	364.8	PLN	DTVPLN	-NPLN1359
29	WFTC	MINNEAPOLIS MN	270.2	PLN	DTVPLN	-NPLN1360
30	WHLA-DT	LA CROSSE WI	182.0	PLN	DTVPLN	-DTVP0809

Results for: 29A WI WAUSAU DTVPLN DTVP0772 PLN

HAAT 369.0 m, ATV ERP 670.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	495829	32482.0
not affected by terrain losses	494253	32344.8
lost to NTSC IX	774	123.2
lost to additional IX by ATV	1103	162.0
lost to ATV IX only	1118	163.0
lost to all IX	1877	285.2

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
09	WAOWTV	WAUSAU WI	DTVPLN -NPLN0633

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
08	WDHS	IRON MOUNTAIN MI	163.0	PLN	DTVPLN -NPLN0541
08	WKBT	LA CROSSE WI	159.7	PLN	DTVPLN -NPLN0573
09	KCRGT	CEDAR RAPIDS IA	337.9	PLN	DTVPLN -NPLN0592
09	WGNTV	CHICAGO IL	375.1	PLN	DTVPLN -NPLN0595
09	WWT	CADILLAC MI	355.4	PLN	DTVPLN -NPLN0599
09	KMSPTV	MINNEAPOLIS MN	270.2	PLN	DTVPLN -NPLN0601
10	NEW	ISHPEMING MI	202.9	PLN	DTVPLN -NPLN0655

Results for: 9N WI WAUSAU DTVPLN NPLN0633 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	495829	32478.0
not affected by terrain losses	479242	30962.4
lost to NTSC IX	45525	5279.3
lost to additional IX by ATV	0	0.0
lost to all IX	45525	5279.3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
29	WAOW-TV	WAUSAU WI	BMPCDT -20060316AIW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	WYOW	EAGLE RIVER WI	101.1	CP MOD	BMPCDT -20041001ANY
28	WYOW-DT	EAGLE RIVER WI	101.1	PLN	DTVPLN -DTVP0732
28	WHWC-TV	MENOMONIE WI	171.3	LIC	BMLET -20021118ACH
28	960722KR	SHEBOYGAN WI	197.4	APP	BPCT -19960722KR
29	960920IP	DUBUQUE IA	281.7	APP	BPET -19960920IP
29	WMAQ-TV	CHICAGO IL	376.6	LIC	BLCDDT -20010531ACY
29	WMAQ-DT	CHICAGO IL	376.6	PLN	DTVPLN -DTVP0742
29	WGTU	TRAVERSE CITY MI	364.8	LIC	BLCT -20041012AIJ
29	WFTC	MINNEAPOLIS MN	270.3	LIC	BLCT -19910823KG
30	WHLA-DT	LA CROSSE WI	182.1	PLN	DTVPLN -DTVP0809
30	WHLA-TV	LA CROSSE WI	182.1	LIC	BMLEDT -20041013AAL

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

29 STJ29D 399.0 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.
30	K30JL-D	GRANITE FALLS MN	BDCCDTL -20061018ADG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	K29HU-D	GRANITE FALLS MN	0.0	CP	BDCCDTL -20061019ABE
30	KCAU-DT	SIOUX CITY IA	252.0	PLN	DTVPLN -DTVP0784
30	K30FZ	WILLMAR MN	58.2	LIC	BLTT -20000920ADB
30	WHLA-DT	LA CROSSE WI	352.9	PLN	DTVPLN -DTVP0809
30	WHLA-TV	LA CROSSE WI	352.9	LIC	BMLEDT -20041013AAL
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN -DTVP0827
29	STJ29D		110.1	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 34

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
29	WFTC	MINNEAPOLIS MN	14.8	LIC	BLCT -19910823KG
30	KCAU-DT	SIOUX CITY IA	356.3	PLN	DTVPLN -DTVP0784
30	WHLA-DT	LA CROSSE WI	199.5	PLN	DTVPLN -DTVP0809
30	WHLA-TV	LA CROSSE WI	199.5	LIC	BMLEDT -20041013AAL
31	WDMI-LP	MINNEAPOLIS MN	0.0	CP	BPTTL -20040428ABC
29	STJ29D		142.6	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 35

Analysis of current record

Channel	Call	City/State	Application Ref. No.
30	K30IN	ROYALTON MN	BNPTTL -20000831CHR

Stations Potentially Affecting This Station

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
22	WUCW	MINNEAPOLIS MN	131.3	CP	BPCDT	-19991027ADG
22	KLGT-DT	MINNEAPOLIS MN	132.4	PLN	DTVPLN	-DTVP0488
23	WUCW	MINNEAPOLIS MN	131.3	LIC	BLCT	-20030401AXI
26	KMSP-DT	MINNEAPOLIS MN	132.4	PLN	DTVPLN	-DTVP0641
28	KAWB-DT	BRAINERD MN	59.2	PLN	DTVPLN	-DTVP0715
29	WFTC	MINNEAPOLIS MN	132.4	LIC	BLCT	-19910823KG
30	K30DK	BEMIDJI MN	178.6	LIC	BLTT	-19920901IC
30	K30FZ	WILLMAR MN	98.5	LIC	BLTT	-20000920ADB
30	WHLA-DT	LA CROSSE WI	329.4	PLN	DTVPLN	-DTVP0809
30	WHLA-TV	LA CROSSE WI	329.4	LIC	BMLEDT	-20041013AAL
32	WCCO-DT	MINNEAPOLIS MN	131.2	PLN	DTVPLN	-DTVP0868
34	KTCA-DT	ST. PAUL MN	132.4	PLN	DTVPLN	-DTVP0941
44	KSTC-TV	MINNEAPOLIS MN	131.2	LIC	BLCDDT	-20060525ABR
44	KVBM-DT	MINNEAPOLIS MN	131.3	PLN	DTVPLN	-DTVP1271
45	KSTC-TV	MINNEAPOLIS-ST. PAUL MN	131.2	LIC	BLCT	-20020318AAJ
29	STJ29D		200.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 36

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	K30FN	ST. JAMES MN	BPTTL	-20050408ABB

NOTE: STUDY REMOVED; APPLICANT IS ALSO LICENSEE OF THIS STATION.

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Analysis of Interference to Affected Station 37

Analysis of current record

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

NOTE: STUDY REMOVED; APPLICANT IS ALSO LICENSEE OF THIS STATION.

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Analysis of Interference to Affected Station 38

Analysis of current record

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

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF	REDWOOD FALLS MN	83.6	CP MOD	BMPCDT	-20010518AAO
27	KRWF-DT	REDWOOD FALLS MN	83.6	PLN	DTVPLN	-DTVP0674
30	KCAU-DT	SIOUX CITY IA	302.1	PLN	DTVPLN	-DTVP0784
30	K30FN	ST. JAMES MN	123.0	CP	BPTTL	-20050408ABB
30	WHLA-DT	LA CROSSE WI	328.4	PLN	DTVPLN	-DTVP0809
30	WHLA-TV	LA CROSSE WI	328.4	LIC	BMLEDT	-20041013AAL
31	KWCM-DT	APPLETON MN	75.0	PLN	DTVPLN	-DTVP0827
38	KEYC-DT	MANKATO MN	145.5	PLN	DTVPLN	-DTVP1052
29	STJ29D		123.0	APP	USERRECORD	-01

Proposal causes no interference

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Analysis of Interference to Affected Station 39

Analysis of current record

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KYIN	MASON CITY IA	91.6	LIC	BLET	-19860923KJ
31	KCCI	DES MOINES IA	199.0	LIC	BLCDDT	-20050628ABX
31	KCCI-DT	DES MOINES IA	199.0	PLN	DTVPLN	-DTVP0821
31	KWCM-DT	APPLETON MN	240.8	PLN	DTVPLN	-DTVP0827
31	WHLA-TV	LA CROSSE WI	207.2	LIC	BMLET	-20041013AAM
32	K32HY-D	FROST MN	0.0	CP	BDCCDTL	-20061020AAM
33	KAAL-DT	AUSTIN MN	62.6	PLN	DTVPLN	-DTVP0905
38	KEYC-DT	MANKATO MN	55.0	PLN	DTVPLN	-DTVP1052
46	KXLT-TV	ROCHESTER MN	113.1	CP MOD	BMPCDT	-20060615ABX
46	KXLT-DT	ROCHESTER MN	132.9	PLN	DTVPLN	-DTVP1331
29	STJ29D		78.8	APP	USERRECORD	-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 40

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.
24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN	-DTVP0572

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN	-DTVP0827
32	WCCO-DT	MINNEAPOLIS MN	194.2	PLN	DTVPLN	-DTVP0868
32	KBRR	THIEF RIVER FALLS MN	362.7	LIC	BPRM	-20000328ABU
32	KBRR	THIEF RIVER FALLS MN	362.7	CP	BPCDT	-19991028AAV
32	KELO-DT	SIOUX FALLS SD	161.9	PLN	DTVPLN	-DTVP0881
33	K33JK-D	GRANITE FALLS MN	0.0	CP	BDCCDTL	-20061019ABF
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT	-20020605AAX
40	NEW -DT	SIOUX FALLS SD	133.2	PLN	DTVPLN	-DTVP1140
47	K47EA	GRANITE FALLS MN	0.0	LIC	BLTTL	-19930917JD
29	STJ29D		110.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 41

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	K32GX-D	ST. JAMES MN	BLDTL	-20051201ATW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
25	KTIN	FORT DODGE IA	144.1	CP MOD	BMPEDT	-20060911AAJ
25	KTIN-DT	FORT DODGE IA	144.1	PLN	DTVPLN	-DTVP0600
31	NEW	ST. JAMES MN	0.0	APP	BSFDTL	-20060630ASC
32	KBIN-TV	COUNCIL BLUFFS IA	332.9	LIC	BLET	-19860923KL
32	KRIN	WATERLOO IA	297.9	LIC	BLET	-19860923KQ
32	WCCO-DT	MINNEAPOLIS MN	156.8	PLN	DTVPLN	-DTVP0868
32	KELO-DT	SIOUX FALLS SD	168.7	PLN	DTVPLN	-DTVP0881
33	KAAL-DT	AUSTIN MN	127.2	PLN	DTVPLN	-DTVP0905
33	NEW	ST. JAMES MN	0.0	APP	BSFDTL	-20060630ASD
29	STJ29D		0.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 42

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	CP MOD	BMPEDT	-20060911AAJ
25	KTIN-DT	FORT DODGE IA	121.1	PLN	DTVPLN	-DTVP0600
26	KDLT-DT	MITCHELL SD	139.5	PLN	DTVPLN	-DTVP0652
29	KSFY-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN	-DTVP0765

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

30	KCAU-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP0784
32	KELO-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN	-DTVP0881
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	239.2	PLN	DTVPLN	-DTVP0900
33	KAAL-DT	AUSTIN MN	204.5	PLN	DTVPLN	-DTVP0905
34	KUSD-DT	VERMILLION SD	98.5	PLN	DTVPLN	-DTVP0955
36	KWSD	SIOUX FALLS SD	73.6	LIC	BLCT	-20001108ABE
40	NEW -DT	SIOUX FALLS SD	92.1	PLN	DTVPLN	-DTVP1140
41	KTIV-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP1158
41	KTIV	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDT	-20050829AAT
47	NEW -DT	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1372
29	STJ29D		116.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 43

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	CP MOD	BMPEDT	-20060911AAJ
25	KTIN-DT	FORT DODGE IA	121.1	PLN	DTVPLN	-DTVP0600
26	KDLT-DT	MITCHELL SD	139.5	PLN	DTVPLN	-DTVP0652
29	KSFY-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN	-DTVP0765
30	KCAU-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP0784
32	KELO-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN	-DTVP0881
33	KBIN-TV	COUNCIL BLUFFS IA	239.2	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	239.2	PLN	DTVPLN	-DTVP0900
33	KAAL-DT	AUSTIN MN	204.5	PLN	DTVPLN	-DTVP0905
34	KUSD-DT	VERMILLION SD	98.5	PLN	DTVPLN	-DTVP0955
40	NEW -DT	SIOUX FALLS SD	92.1	PLN	DTVPLN	-DTVP1140
41	KTIV-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP1158
41	KTIV	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDT	-20050829AAT
47	NEW -DT	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1372
29	STJ29D		116.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 44

Analysis of current record

FIGURE 1—OET-69 STUDY FOR ST JAMES, MN 29D DIGITAL COMPANION CHANNEL

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

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KAAL-DT	AUSTIN MN	62.6	PLN	DTVPLN -DTVP0905
35	K35IU-D	FROST MN	0.0	CP	BDCCDTL -20061020AAL
36	KQIN	DAVENPORT IA	356.8	LIC	BLET -19911230KE
36	KHIN	RED OAK IA	271.8	LIC	BLET -19860923KP
36	KSAXDR	ALEXANDRIA MN	254.8	LIC	BPRM -20010423AFQ
36	KSAX	ALEXANDRIA MN	254.8	CP MOD	BMPCDT -20020605AAX
36	KTTC	ROCHESTER MN	113.1	CP MOD	BMPCDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	121.0	PLN	DTVPLN -DTVP1021
36	KWSD	SIOUX FALLS SD	213.1	LIC	BLCT -20001108ABE
36	WLEF-TV	PARK FALLS WI	389.8	LIC	BMLET -20031211AAB
36	WLEF-TV	PARK FALLS WI	389.8	APP	BSTA -20060609AAE
38	KEYC-DT	MANKATO MN	55.0	PLN	DTVPLN -DTVP1052
51	K65FW	FROST MN	0.0	CP	BDISTTL -20060720ACO
29	STJ29D		78.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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