

**DELAWDER COMMUNICATIONS, INC.**

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**ENGINEERING REPORT**

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Frost, MN LPTV Companion Channel Application

**EXHIBIT 11**

**LPTV DIGITAL PROPOSAL-- INTERFERENCE STUDIES**

Market: Frost, MN

Applicant: South Central Electric Association ("Applicant")

Associated LPTV: K36FI

Proposed Digital Channel: **35** (as a digital companion channel)

1. By this application, Applicant proposes a digital LPTV companion channel for K36FI, Frost, MN. The companion digital channel will operate at the K36FI 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"). 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 FROST, MN 35D DIGITAL COMPANION CHANNEL

## TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-06-2006 Time: 21:09:20

Record Selected for Analysis

FROST35D USERRECORD-01 US  
Channel 35 ERP 15. kW HAAT 87. m RCAMSL 00434 m STRINGENT MASK  
Latitude 043-35-09 Longitude 0093-55-46  
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	15.000	97.2	42.4
45.0	15.000	88.1	41.2
90.0	15.000	78.5	39.8
135.0	15.000	68.3	38.3
180.0	15.000	78.1	39.8
225.0	15.000	87.4	41.1
270.0	15.000	98.3	42.5
315.0	15.000	97.2	42.4

## 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

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FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Start of Interference Analysis

Channel	Proposed Station	Call	City/State	ARN
35	FROST35D			USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KTIN	FORT DODGE IA	93.9	LIC	BLET	-19860923KN
21	KTIN	FORT DODGE IA	93.9	APP	BPET	-20060911AAH
21	K21DG	ST. JAMES MN	79.0	LIC	BLTTTL	-19970507JR
27	K27FI	FROST MN	0.0	CP	BMJPTTL	-20000821AHG
27	K27FI	FROST MN	0.0	LIC	BLTTTL	-19950314IJ
27	K27CW	ROCHESTER MN	132.4	LIC	BLTT	-19890206IB
28	K28AE	FAIRMONT MN	46.8	LIC	BLTTTL	-19831014IA
28	K28IO	MANKATO MN	63.2	CP	BNPTTL	-20000831CHQ
31	K31EF	FROST MN	0.0	LIC	BLTTTL	-19950314IG
32	K32GX-D	ST. JAMES MN	78.8	LIC	BLDTL	-20051201ATW
33	K33AB	SIBLEY, ETC. IA	141.9	CP	BPTT	-20060322ACK
33	K33AB	SIBLEY, ETC. IA	141.9	LIC	BLTT	-19790731IA
34	KEFB	AMES IA	179.1	LIC	BLET	-20051125ACY
34	960222KF	AMES IA	175.9	APP	BPET	-19960222KF
34	960701KE	AMES IA	179.1	APP	BPET	-19960701KE
34	960930KE	AMES IA	177.3	APP	BPET	-19960930KE
34	NEW	SPENCER IA	104.9	APP	BSFDTL	-20060630BYV
34	NEW	FROST MN	0.0	APP	BSFDTL	-20060630BLM
34	NEW	GRANITE FALLS MN	188.8	APP	BSFDTL	-20060630BXH
34	NEW	JACKSON MN	85.6	APP	BSFDTL	-20060630BHF
34	KTCA-TV	SAINT PAUL MN	175.7	LIC	BLEDT	-20060802AAO
34	NEW	ST. JAMES MN	78.8	APP	BSFDTL	-20060630ASE
34	K34HO	WILLMAR MN	196.7	LIC	BLTTTL	-20040901ACS
35	KHIN	RED OAK IA	271.8	LIC	BLEDT	-20051116AED
35	NEW	STORM LAKE IA	143.4	APP	BSFDTL	-20060630BYU
35	KRIN	WATERLOO IA	219.7	LIC	BLEDT	-20050218ABQ
35	DK25GD	AITKIN MN	327.8	LIC	BLTT	-19970325IA
35	K35DK	GRANITE FALLS MN	188.8	LIC	BLTTTL	-19930217IP
35	K57IX	JACKSON MN	85.6	APP	BDISTTL	-20060720ACV
35	KARE	MINNEAPOLIS MN	175.7	LIC	BLCDDT	-20010917ABZ
35	K35DC	ST. JAMES MN	79.0	LIC	BLTTTL	-19970522JJ
35	NEW	ST. PAUL MN	163.1	APP	BSFDTL	-20060630CUU
35	NEW	WALKER MN	393.2	APP	BDCCDDT	-20060929BHY
35	NEW	WINONA MN	181.8	APP	BNPET	-20010220AAT
35	NEW	WINONA MN	181.8	APP	BNPET	-20010220AAT
35	960725KX	WINONA MN	184.2	APP	BPET	-19960725KX
35	NEW	WINONA MN	195.1	APP	BNPET	-20010220AAU
35	NEW	WINONA MN	188.3	APP	BNPET	-20010220AAV
35	KWAZ-LP	LINCOLN NE	378.7	CP	BPTTL	-20040729AOC
35	K35FM	NORFOLK NE	328.6	CP	BPTT	-20050414ABJ
35	K35FM	NORFOLK NE	328.7	CP	BDFCDTT	-20060330AEZ
35	K35GR	BADGER SD	282.8	CP	BDFCDTT	-20060331AZR
35	K35GR	BADGER SD	282.8	LIC	BLTT	-20030610AAT
35	WIBU-LP	TOMAH WI	271.0	LIC	BLTTTL	-19990811JD
36	K36FI	FROST MN	0.0	LIC	BLTTTL	-20020426AAV
36	NEW	JACKSON MN	85.6	APP	BSFDTL	-20060630BHI
36	KTTC	ROCHESTER MN	113.1	CP MOD	BMPCDDT	-20060316AJH

36	NEW	ST. JAMES MN	78.8	APP	BSFDTL	-20060630ASF
39	K60FY	FROST MN	0.0	APP	BDISTTL	-20060712AGE
39	K39CH	REDWOOD FALLS MN	135.8	LIC	BLTTTL	-19890831IG
42	K42AV	ST. JAMES MN	79.0	LIC	BLTTTL	-19970507JP
43	K43IX	SPENCER IA	107.4	CP	BNPTT	-20000831BRS
43	DK43DH	AUSTIN MN	63.2	LIC	BLTTTL	-19920904ID
43	K43JG	JACKSON MN	85.6	CP	BNPTTL	-20000831BSD
43	K43JE	LAKE CRYSTAL MN	63.2	CP	BNPTTL	-20000830BJV
43	K43JK	ROCHESTER MN	125.2	CP	BNPTTL	-20000831BKU

Analysis of Interference to Affected Station 1

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

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	20618.6	
not affected by terrain losses	210643	20597.9	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	85	15.8	
lost to all IX	85	15.8	

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

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KMEG	SIOUX CITY IA	150.1	LIC	BLCT	-19991227AAR
18	960912KE	CARROLL IA	92.9	APP	BPET	-19960912KE
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	BPEDT	-20000501AGW
20	KSMN	WORTHINGTON MN	172.7	LIC	BLET	-19970224KH
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	201.5	CP MOD	BPCT	-20030505AAA
23	KCWI-TV	AMES IA	127.8	LIC	BLCT	-20010130ABE
25	KTIN	FORT DODGE IA	0.0	CP	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	0.0	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	0.0	APP	BMPEDT	-20060911AAJ
36	KHIN	RED OAK IA	177.9	LIC	BLET	-19860923KP
36	KWSD	SIOUX FALLS SD	191.1	LIC	BLCT	-20001108ABE
35	FROST35D		93.9	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 2

### Analysis of current record

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

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KMEG	SIOUX CITY IA	150.1	LIC	BLCT	-19991227AAR
18	960912KE	CARROLL IA	92.9	APP	BPET	-19960912KE
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	BPEDT	-20000501AGW
20	KSMN	WORTHINGTON MN	172.7	LIC	BLET	-19970224KH
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	201.5	CP MOD	BPCT	-20030505AAA
23	KCWI-TV	AMES IA	127.8	LIC	BLCT	-20010130ABE
25	KTIN	FORT DODGE IA	0.0	CP	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	0.0	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	0.0	APP	BMPEDT	-20060911AAJ
36	KHIN	RED OAK IA	177.9	LIC	BLET	-19860923KP
36	KWSD	SIOUX FALLS SD	191.1	LIC	BLCT	-20001108ABE
35	FROST35D		93.9	APP	USERRECORD-01	

Proposal causes no interference

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D 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.
21	K21DG	ST. JAMES MN	BLTTTL	-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	LIC	BLET	-19860923KN
21	KTIN	FORT DODGE IA	144.2	APP	BPET	-20060911AAH
21	KQDS-TV	DULUTH MN	355.7	LIC	BLCT	-20000320AAX
21	K18DI	GRANITE FALLS MN	109.8	CP	BPTTL	-20020926ABW
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	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	144.2	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	144.2	APP	BMPEDT	-20060911AAJ
36	NEW	ST. JAMES MN	0.3	APP	BSFDTL	-20060630ASF
35	FROST35D		79.0	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 4

### 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-DT	AUSTIN MN	75.2	PLN	DTVPLN	-DTVP0402
20	KSMQ-TV	AUSTIN MN	113.1	CP	BPEDT	-20000501AGW
25	KTIN	FORT DODGE IA	93.9	CP	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	93.9	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	93.9	APP	BMPEDT	-20060911AAJ
26	NEW	FROST MN	0.0	APP	BSFDTL	-20060630BDR
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	960920LP	DULUTH MN	383.6	APP	BPCT	-19960920LP
27	NEW	DULUTH MN	383.0	APP	BNPCT	-20060421ABZ
27	KRWF-DT	REDWOOD FALLS MN	159.8	PLN	DTVPLN	-DTVP0674
27	KRWF	REDWOOD FALLS MN	159.8	CP MOD	BMPCDDT	-20010518AAO
27	K27CW	ROCHESTER MN	132.4	LIC	BLTT	-19890206IB

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

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	MASON CITY IA	99.2	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	91.6	PLN	DTVPLN	-DTVP1190
35	FROST35D		0.0	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 5

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
20	KSMQ-DT	AUSTIN MN	75.2	PLN	DTVPLN -DTVP0402
20	KSMQ-TV	AUSTIN MN	113.1	CP	BPEDT -20000501AGW
25	KTIN	FORT DODGE IA	93.9	CP	BPEDT -20000427ACH
25	KTIN-DT	FORT DODGE IA	93.9	PLN	DTVPLN -DTVP0600
25	KTIN	FORT DODGE IA	93.9	APP	BMPEDT -20060911AAJ
26	NEW	FROST MN	0.0	APP	BSFDTL -20060630BDR
27	KFXA	CEDAR RAPIDS IA	224.0	LIC	BLCDT -20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	224.0	PLN	DTVPLN -DTVP0671
27	KSIN-TV	SIOUX CITY IA	226.7	LIC	BMLET -20021219AAC
27	960920LP	DULUTH MN	383.6	APP	BPCT -19960920LP
27	NEW	DULUTH MN	383.0	APP	BNPCT -20060421ABZ
27	KRWF-DT	REDWOOD FALLS MN	159.8	PLN	DTVPLN -DTVP0674
27	KRWF	REDWOOD FALLS MN	159.8	CP MOD	BMPCDT -20010518AAO
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	MASON CITY IA	99.2	APP	BMPCDT -20060509AAH
42	KIMT-DT	MASON CITY IA	91.6	PLN	DTVPLN -DTVP1190
35	FROST35D		0.0	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.
27	K27CW	ROCHESTER MN	BLTT -19890206IB

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KSMQ-DT	AUSTIN MN	63.4	PLN	DTVPLN	-DTVP0402
20	KSMQ-TV	AUSTIN MN	46.8	CP	BPEDT	-20000501AGW
26	KMSP-DT	MINNEAPOLIS MN	124.9	PLN	DTVPLN	-DTVP0641
27	KFXA	CEDAR RAPIDS IA	220.1	LIC	BLCDT	-20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	220.1	PLN	DTVPLN	-DTVP0671
27	KSIN-TV	SIOUX CITY IA	358.4	LIC	BMLET	-20021219AAC
27	960920LP	DULUTH MN	305.2	APP	BPCT	-19960920LP
27	NEW	DULUTH MN	304.5	APP	BNPCT	-20060421ABZ
27	K27FI	FROST MN	132.4	CP	BMJPTTL	-20000821AHG
27	KRWF-DT	REDWOOD FALLS MN	249.6	PLN	DTVPLN	-DTVP0674
27	KRWF	REDWOOD FALLS MN	249.6	CP MOD	BMPCDT	-20010518AAO
27	WACY	APPLETON WI	354.7	CP MOD	BMPCDT	-20060627ABU
27	WACY-TV	APPLETON WI	354.7	LIC	BPRM	-20020208ABN
27	WKOW-TV	MADISON WI	257.0	LIC	BLCT	-20000306AAW
27	WHWC-DT	MENOMONIE WI	118.4	PLN	DTVPLN	-DTVP0697
27	WHWC-TV	MENOMONIE WI	118.4	LIC	BLEDT	-20040824AAF
28	WHWC-TV	MENOMONIE WI	118.4	LIC	BMLET	-20021118ACH
30	WHLA-DT	LA CROSSE WI	88.1	PLN	DTVPLN	-DTVP0809
30	WHLA-TV	LA CROSSE WI	88.1	LIC	BMLEDT	-20041013AAL
34	KTCA-DT	ST. PAUL MN	124.9	PLN	DTVPLN	-DTVP0941
35	KARE	MINNEAPOLIS MN	125.8	LIC	BLCDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	125.8	PLN	DTVPLN	-DTVP0980
41	WKBT	LACROSSE WI	85.8	CP MOD	BMPCDT	-20060526ADL
41	NEW	LACROSSE WI	85.9	LIC	BPRM	-20001013ADO
42	KIMT	MASON CITY IA	68.7	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	83.2	PLN	DTVPLN	-DTVP1190
35	FROST35D		132.4	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 7

### Analysis of current record

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

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KSMQ-DT	AUSTIN MN	120.5	PLN	DTVPLN	-DTVP0402
21	KTIN	FORT DODGE IA	94.3	LIC	BLET	-19860923KN
21	KTIN	FORT DODGE IA	94.3	APP	BPET	-20060911AAH
25	KTIN	FORT DODGE IA	94.3	CP	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	94.3	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	94.3	APP	BMPEDT	-20060911AAJ
27	KRWF-DT	REDWOOD FALLS MN	120.7	PLN	DTVPLN	-DTVP0674
27	KRWF	REDWOOD FALLS MN	120.7	CP MOD	BMPCDT	-20010518AAO
28	KFXA	CEDAR RAPIDS IA	263.1	LIC	BLCT	-20050718AFP
28	KSIN-DT	SIOUX CITY IA	194.2	PLN	DTVPLN	-DTVP0706



FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

28	KSIN-TV	SIOUX CITY IA	194.2	LIC	BLEDT	-20050726AMC
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	MASON CITY IA	145.9	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	138.3	PLN	DTVPLN	-DTVP1190
43	KRWF	REDWOOD FALLS MN	120.7	LIC	BLCT	-19870424KH
35	FROST35D		46.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 8

## 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	LIC	BLET	-19860923KN
21	KTIN	FORT DODGE IA	144.5	APP	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	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	144.5	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	144.5	APP	BMPEDT	-20060911AAJ
26	KMSP-DT	MINNEAPOLIS MN	136.9	PLN	DTVPLN	-DTVP0641
27	KRWF-DT	REDWOOD FALLS MN	108.5	PLN	DTVPLN	-DTVP0674
27	KRWF	REDWOOD FALLS MN	108.5	CP MOD	BMPCDT	-20010518AAO
28	KFXA	CEDAR RAPIDS IA	284.1	LIC	BLCT	-20050718AFP
28	KSIN-DT	SIOUX CITY IA	244.1	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	244.1	LIC	BLEDT	-20050726AMC
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	MASON CITY IA	141.1	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	139.1	PLN	DTVPLN	-DTVP1190
43	K43JE	LAKE CRYSTAL MN	0.0	CP	BNPTTL	-20000830BJV
43	KRWF	REDWOOD FALLS MN	108.5	LIC	BLCT	-19870424KH
35	FROST35D		63.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

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## Analysis of Interference to Affected Station 9

### 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-DT	DES MOINES IA	199.0	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	199.0	LIC	BLCDDT	-20050628ABX
31	KWCM-DT	APPLETON MN	240.8	PLN	DTVPLN	-DTVP0827
31	WHLA-TV	LA CROSSE WI	207.2	LIC	BMLET	-20041013AAM
32	NEW	FROST MN	0.0	APP	BSFDTL	-20060630BLN
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	BMPCDDT	-20060615ABX
46	KXLT-DT	ROCHESTER MN	132.9	PLN	DTVPLN	-DTVP1331
35	FROST35D		0.0	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.
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	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	144.1	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	144.1	APP	BMPEDT	-20060911AAJ
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	NEW	FROST MN	78.8	APP	BSFDTL	-20060630BLN
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
35	FROST35D		78.8	APP	USERRECORD-01	

Proposed station is beyond the site to nearest cell evaluation distance

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

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## Analysis of Interference to Affected Station 11

### 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	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	121.1	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	121.1	APP	BMPEDT	-20060911AAJ
26	KDLT-DT	MITCHELL SD	139.5	PLN	DTVPLN	-DTVP0652
29	KSFY-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN	-DTVP0765
30	KCAU-TV	SIOUX CITY IA	101.2	CP MOD	BMPCDT	-20000428ABE
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	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
41	KTIV-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP1158
47	NEW -DT	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1372
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDT	-20050829AAT
35	FROST35D		141.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 12

### 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	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	121.1	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	121.1	APP	BMPEDT	-20060911AAJ
26	KDLT-DT	MITCHELL SD	139.5	PLN	DTVPLN	-DTVP0652
29	KSFY-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN	-DTVP0765
30	KCAU-TV	SIOUX CITY IA	101.2	CP MOD	BMPCDT	-20000428ABE
30	KCAU-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP0784
32	KELO-DT	SIOUX FALLS SD	70.9	PLN	DTVPLN	-DTVP0881

FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

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
33	K32DR	GRANITE FALLS MN	156.0	CP	BPTTL	-20020926ABV
34	KUSD-DT	VERMILLION SD	98.5	PLN	DTVPLN	-DTVP0955
40	NEW -DT	SIOUX FALLS SD	92.1	PLN	DTVPLN	-DTVP1140
41	KTIV	SIOUX CITY IA	101.2	CP	BPCDT	-19991101AIH
41	KTIV-DT	SIOUX CITY IA	101.6	PLN	DTVPLN	-DTVP1158
47	NEW -DT	SIOUX FALLS SD	72.3	PLN	DTVPLN	-DTVP1372
47	KDLT-TV	SIOUX FALLS SD	72.3	LIC	BLCDT	-20050829AAT
35	FROST35D		141.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# Analysis of Interference to Affected Station 13

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
34	NEW	AMES IA	DTVPLN	-NPLN1473

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KBTB-DT	DES MOINES IA	24.2	PLN	DTVPLN	-DTVP0634
27	KFXA-DT	CEDAR RAPIDS IA	123.1	PLN	DTVPLN	-DTVP0671
31	KCCI-DT	DES MOINES IA	24.2	PLN	DTVPLN	-DTVP0821
33	KBIN-DT	COUNCIL BLUFFS IA	206.3	PLN	DTVPLN	-DTVP0900
33	KAAL-DT	AUSTIN MN	181.5	PLN	DTVPLN	-DTVP0905
33	KTVO-DT	KIRKSVILLE MO	191.3	PLN	DTVPLN	-DTVP0907
34	KQCT-DT	DAVENPORT IA	254.4	PLN	DTVPLN	-DTVP0934
34	WQEC-DT	QUINCY IL	296.4	PLN	DTVPLN	-DTVP0937
34	KTCA-DT	ST. PAUL MN	339.1	PLN	DTVPLN	-DTVP0941
34	WDAF-DT	KANSAS CITY MO	339.3	PLN	DTVPLN	-DTVP0942
34	KUSD-DT	VERMILLION SD	286.6	PLN	DTVPLN	-DTVP0955
35	KHIN-DT	RED OAK IA	158.6	PLN	DTVPLN	-DTVP0973
35	KRIN-DT	WATERLOO IA	145.1	PLN	DTVPLN	-DTVP0974
48	KTVC	CEDAR RAPIDS IA	142.6	PLN	DTVPLN	-NPLN1731

Results for: 34N IA AMES

	DTVPLN	NPLN1473	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	85443	1591.6	
not affected by terrain losses	85443	1591.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	9	4.0	
lost to all IX	9	4.0	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	KEFB	AMES IA	BLET	-20051125ACY

FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KBTB-DT	DES MOINES IA	21.3	PLN	DTVPLN	-DTVP0634
27	KFXA	CEDAR RAPIDS IA	137.0	LIC	BLCDDT	-20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	137.0	PLN	DTVPLN	-DTVP0671
31	KCCI-DT	DES MOINES IA	21.3	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	21.3	LIC	BLCDDT	-20050628ABX
33	KBIN-TV	COUNCIL BLUFFS IA	191.9	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	191.9	PLN	DTVPLN	-DTVP0900
33	KAAL-DT	AUSTIN MN	189.3	PLN	DTVPLN	-DTVP0905
33	KTVO-DT	KIRKSVILLE MO	194.3	PLN	DTVPLN	-DTVP0907
34	KQIN	DAVENPORT IA	278.9	CP	BPEDT	-20000501AIC
34	KQCT-DT	DAVENPORT IA	266.8	PLN	DTVPLN	-DTVP0934
34	WQEC-DT	QUINCY IL	301.8	PLN	DTVPLN	-DTVP0937
34	KTCA-DT	ST. PAUL MN	345.7	PLN	DTVPLN	-DTVP0941
34	WDAF-DT	KANSAS CITY MO	331.2	PLN	DTVPLN	-DTVP0942
34	KUSD-DT	VERMILLION SD	276.5	PLN	DTVPLN	-DTVP0955
35	KHIN	RED OAK IA	144.4	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	144.4	PLN	DTVPLN	-DTVP0973
35	KRIN	WATERLOO IA	159.5	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	159.5	PLN	DTVPLN	-DTVP0974
48	KPXR	CEDAR RAPIDS IA	156.9	LIC	BLCT	-19970513KE
35	FROST35D		179.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	960222KF	AMES IA	BPET	-19960222KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KBTB-DT	DES MOINES IA	24.2	PLN	DTVPLN	-DTVP0634
27	KFXA	CEDAR RAPIDS IA	123.1	LIC	BLCDDT	-20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	123.1	PLN	DTVPLN	-DTVP0671
31	KCCI-DT	DES MOINES IA	24.2	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	24.2	LIC	BLCDDT	-20050628ABX
33	KBIN-TV	COUNCIL BLUFFS IA	206.3	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	206.3	PLN	DTVPLN	-DTVP0900
33	KAAL-DT	AUSTIN MN	181.5	PLN	DTVPLN	-DTVP0905
33	KTVO-DT	KIRKSVILLE MO	191.3	PLN	DTVPLN	-DTVP0907
34	KQIN	DAVENPORT IA	266.6	CP	BPEDT	-20000501AIC
34	KQCT-DT	DAVENPORT IA	254.4	PLN	DTVPLN	-DTVP0934
34	WQEC-DT	QUINCY IL	296.4	PLN	DTVPLN	-DTVP0937
34	KTCA-DT	ST. PAUL MN	339.1	PLN	DTVPLN	-DTVP0941
34	WDAF-DT	KANSAS CITY MO	339.3	PLN	DTVPLN	-DTVP0942
34	KUSD-DT	VERMILLION SD	286.6	PLN	DTVPLN	-DTVP0955
35	KHIN	RED OAK IA	158.6	LIC	BLEDT	-20051116AED

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

35	KHIN-DT	RED OAK IA	158.6	PLN	DTVPLN	-DTVP0973
35	KRIN	WATERLOO IA	145.1	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	145.1	PLN	DTVPLN	-DTVP0974
48	KPXR	CEDAR RAPIDS IA	142.6	LIC	BLCT	-19970513KE
35	FROST35D		175.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 15

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	960701KE	AMES IA	BPET	-19960701KE

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KBTB-DT	DES MOINES IA	21.3	PLN	DTVPLN	-DTVP0634
27	KFXA	CEDAR RAPIDS IA	137.0	LIC	BLCDDT	-20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	137.0	PLN	DTVPLN	-DTVP0671
31	KCCI-DT	DES MOINES IA	21.3	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	21.3	LIC	BLCDDT	-20050628ABX
33	KBIN-TV	COUNCIL BLUFFS IA	191.9	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	191.9	PLN	DTVPLN	-DTVP0900
33	KAAL-DT	AUSTIN MN	189.3	PLN	DTVPLN	-DTVP0905
33	KTVO-DT	KIRKSVILLE MO	194.3	PLN	DTVPLN	-DTVP0907
34	KQIN	DAVENPORT IA	278.9	CP	BPEDT	-20000501AIC
34	KQCT-DT	DAVENPORT IA	266.8	PLN	DTVPLN	-DTVP0934
34	WQEC-DT	QUINCY IL	301.8	PLN	DTVPLN	-DTVP0937
34	KTCA-DT	ST. PAUL MN	345.7	PLN	DTVPLN	-DTVP0941
34	WDAF-DT	KANSAS CITY MO	331.2	PLN	DTVPLN	-DTVP0942
34	KUSD-DT	VERMILLION SD	276.5	PLN	DTVPLN	-DTVP0955
35	KHIN	RED OAK IA	144.4	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	144.4	PLN	DTVPLN	-DTVP0973
35	KRIN	WATERLOO IA	159.5	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	159.5	PLN	DTVPLN	-DTVP0974
48	KPXR	CEDAR RAPIDS IA	156.9	LIC	BLCT	-19970513KE
35	FROST35D		179.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 16

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	960930KE	AMES IA	BPET	-19960930KE

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
26	KBTB-DT	DES MOINES IA	23.0	PLN	DTVPLN	-DTVP0634
27	KFXA	CEDAR RAPIDS IA	136.8	LIC	BLCDDT	-20050713ABD
27	KFXA-DT	CEDAR RAPIDS IA	136.8	PLN	DTVPLN	-DTVP0671
31	KCCI-DT	DES MOINES IA	23.0	PLN	DTVPLN	-DTVP0821
31	KCCI	DES MOINES IA	23.0	LIC	BLCDDT	-20050628ABX
33	KBIN-TV	COUNCIL BLUFFS IA	192.7	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	192.7	PLN	DTVPLN	-DTVP0900
33	KAAL-DT	AUSTIN MN	187.5	PLN	DTVPLN	-DTVP0905
33	KTVO-DT	KIRKSVILLE MO	195.9	PLN	DTVPLN	-DTVP0907
34	KQIN	DAVENPORT IA	279.3	CP	BPEDT	-20000501AIC
34	KQCT-DT	DAVENPORT IA	267.2	PLN	DTVPLN	-DTVP0934
34	WQEC-DT	QUINCY IL	303.1	PLN	DTVPLN	-DTVP0937
34	KTCA-DT	ST. PAUL MN	343.9	PLN	DTVPLN	-DTVP0941
34	WDAF-DT	KANSAS CITY MO	333.0	PLN	DTVPLN	-DTVP0942
34	KUSD-DT	VERMILLION SD	275.7	PLN	DTVPLN	-DTVP0955
35	KHIN	RED OAK IA	145.3	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	145.3	PLN	DTVPLN	-DTVP0973
35	KRIN	WATERLOO IA	159.0	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	159.0	PLN	DTVPLN	-DTVP0974
48	KPXR	CEDAR RAPIDS IA	156.5	LIC	BLCT	-19970513KE
35	FROST35D		177.3	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 17

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	NEW	SPENCER IA	BSFDTL	-20060630BYV

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KEFB	AMES IA	179.6	LIC	BLET	-20051125ACY
34	960222KF	AMES IA	184.8	APP	BPET	-19960222KF
34	960701KE	AMES IA	179.6	APP	BPET	-19960701KE
34	960930KE	AMES IA	178.2	APP	BPET	-19960930KE
34	NEW	FROST MN	104.9	APP	BSFDTL	-20060630BLM
34	NEW	JACKSON MN	43.0	APP	BSFDTL	-20060630BHF
34	NEW	ST. JAMES MN	106.6	APP	BSFDTL	-20060630ASE
34	KTCA-DT	ST. PAUL MN	258.8	PLN	DTVPLN	-DTVP0941
34	KUSD-DT	VERMILLION SD	135.6	PLN	DTVPLN	-DTVP0955

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

35 FROST35D 104.9 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.
34	NEW	FROST MN	BSFDTL -20060630BLM

### 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
34	KEFB	AMES IA	179.1	LIC	BLET -20051125ACY
34	960222KF	AMES IA	175.9	APP	BPET -19960222KF
34	960701KE	AMES IA	179.1	APP	BPET -19960701KE
34	960930KE	AMES IA	177.3	APP	BPET -19960930KE
34	KQIN	DAVENPORT IA	369.4	CP	BPEDT -20000501AIC
34	KQCT-DT	DAVENPORT IA	356.8	PLN	DTVPLN -DTVP0934
34	NEW	SPENCER IA	104.9	APP	BSFDTL -20060630BYV
34	NEW	JACKSON MN	85.6	APP	BSFDTL -20060630BHF
34	NEW	ST. JAMES MN	78.8	APP	BSFDTL -20060630ASE
34	KTCA-DT	ST. PAUL MN	175.7	PLN	DTVPLN -DTVP0941
34	KUSD-DT	VERMILLION SD	238.6	PLN	DTVPLN -DTVP0955
35	FROST35D		0.0	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.
34	NEW	GRANITE FALLS MN	BSFDTL -20060630BXH

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL -20060630BXG
33	K32DR	GRANITE FALLS MN	0.0	CP	BPTTL -20020926ABV
34	KEFB	AMES IA	347.3	LIC	BLET -20051125ACY
34	960222KF	AMES IA	348.8	APP	BPET -19960222KF
34	960701KE	AMES IA	347.3	APP	BPET -19960701KE
34	960930KE	AMES IA	345.6	APP	BPET -19960930KE
34	NEW	JACKSON MN	141.5	APP	BSFDTL -20060630BHF
34	NEW	ST. JAMES MN	110.1	APP	BSFDTL -20060630ASE
34	KTCA-DT	ST. PAUL MN	195.3	PLN	DTVPLN -DTVP0941
34	K34HO	WILLMAR MN	58.3	LIC	BLTTL -20040901ACS
34	KUSD-DT	VERMILLION SD	217.6	PLN	DTVPLN -DTVP0955



# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

35	K35DK	GRANITE FALLS MN	0.0	LIC	BLTTL	-19930217IP
35	FROST35D		188.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 20

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	NEW	JACKSON MN	BSFDTL -20060630BHF

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	KEFB	AMES IA	207.3	LIC	BLET -20051125ACY
34	960222KF	AMES IA	210.0	APP	BPET -19960222KF
34	960701KE	AMES IA	207.3	APP	BPET -19960701KE
34	960930KE	AMES IA	205.7	APP	BPET -19960930KE
34	NEW	SPENCER IA	43.0	APP	BSFDTL -20060630BYV
34	NEW	FROST MN	85.6	APP	BSFDTL -20060630BLM
34	NEW	ST. JAMES MN	64.4	APP	BSFDTL -20060630ASE
34	KTCA-DT	ST. PAUL MN	219.6	PLN	DTVPLN -DTVP0941
34	KUSD-DT	VERMILLION SD	157.6	PLN	DTVPLN -DTVP0955
35	K57IX	JACKSON MN	0.0	APP	BDISTTL -20060720ACV
35	FROST35D		85.6	APP	USERRECORD-01

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 21

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	KTCA-TV	SAINT PAUL MN	BLEDT -20060802AAO

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KAAL-DT	AUSTIN MN	159.0	PLN	DTVPLN -DTVP0905
33	KDLH-DT	DULUTH MN	207.0	PLN	DTVPLN -DTVP0906
34	KEFB	AMES IA	345.7	LIC	BLET -20051125ACY
34	960222KF	AMES IA	339.1	APP	BPET -19960222KF
34	960701KE	AMES IA	345.7	APP	BPET -19960701KE
34	960930KE	AMES IA	343.9	APP	BPET -19960930KE
34	KUSD-DT	VERMILLION SD	367.9	PLN	DTVPLN -DTVP0955
34	WYOW	EAGLE RIVER WI	312.7	LIC	BLCT -20001221ABO
35	KARE	MINNEAPOLIS MN	1.3	LIC	BLCDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	1.3	PLN	DTVPLN -DTVP0980
35	NEW	WINONA MN	166.7	APP	BNPET -20010220AAT
35	NEW	WINONA MN	166.7	APP	BNPET -20010220AAT

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

35	960725KX	WINONA MN	169.2	APP	BPET	-19960725KX
35	NEW	WINONA MN	168.4	APP	BNPET	-20010220AAU
35	NEW	WINONA MN	162.6	APP	BNPET	-20010220AAV
35	FROST35D		175.7	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 22

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
34	NEW	ST. JAMES MN	BSFDTL -20060630ASE

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KAAL-DT	AUSTIN MN	127.2	PLN	DTVPLN -DTVP0905
33	NEW	ST. JAMES MN	0.0	APP	BSFDTL -20060630ASD
34	KEFB	AMES IA	246.4	LIC	BLET -20051125ACY
34	960222KF	AMES IA	245.8	APP	BPET -19960222KF
34	960701KE	AMES IA	246.4	APP	BPET -19960701KE
34	960930KE	AMES IA	244.6	APP	BPET -19960930KE
34	NEW	SPENCER IA	106.6	APP	BSFDTL -20060630BYV
34	NEW	FROST MN	78.8	APP	BSFDTL -20060630BLM
34	NEW	GRANITE FALLS MN	110.1	APP	BSFDTL -20060630BXH
34	NEW	JACKSON MN	64.4	APP	BSFDTL -20060630BHF
34	KTCA-DT	ST. PAUL MN	157.3	PLN	DTVPLN -DTVP0941
34	KUSD-DT	VERMILLION SD	212.0	PLN	DTVPLN -DTVP0955
35	K35DC	ST. JAMES MN	0.3	LIC	BLTTL -19970522JJ
35	FROST35D		78.8	APP	USERRECORD-01

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 23

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KRWF-DT	REDWOOD FALLS MN	83.6	PLN	DTVPLN -DTVP0674
27	KRWF	REDWOOD FALLS MN	83.6	CP MOD	BMPCDT -20010518AAO
31	KWCM-DT	APPLETON MN	75.0	PLN	DTVPLN -DTVP0827
34	KEFB	AMES IA	369.3	LIC	BLET -20051125ACY
34	960222KF	AMES IA	368.6	APP	BPET -19960222KF
34	960701KE	AMES IA	369.3	APP	BPET -19960701KE
34	960930KE	AMES IA	367.6	APP	BPET -19960930KE
34	KTCA-DT	ST. PAUL MN	151.0	PLN	DTVPLN -DTVP0941
34	KUSD-DT	VERMILLION SD	273.2	PLN	DTVPLN -DTVP0955

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

36	KSAXDR	ALEXANDRIA MN	60.2	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	60.2	CP MOD	BMPCDT	-20020605AAX
38	KEYC-DT	MANKATO MN	145.5	PLN	DTVPLN	-DTVP1052
35	FROST35D		196.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 24

### DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
35	KHIN-DT	RED OAK IA	DTVPLN -DTVP0973

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	NEW	AMES IA	158.6	PLN	DTVPLN -NPLN1473
34	KUSD-DT	VERMILLION SD	227.6	PLN	DTVPLN -DTVP0955
35	KRIN-DT	WATERLOO IA	301.4	PLN	DTVPLN -DTVP0974
35	NEW -DT	HUTCHINSON KS	426.8	PLN	DTVPLN -DTVP0977
36	KHIN	RED OAK IA	0.0	PLN	DTVPLN -NPLN1518

Results for: 35A IA RED OAK DTVPLN DTVP0973 PLN

HAAT 475.0 m, ATV ERP 63.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	748726	20362.6
not affected by terrain losses	748033	20221.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	26	14.8
lost to ATV IX only	26	14.8
lost to all IX	26	14.8

### NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
36	KHIN	RED OAK IA	DTVPLN -NPLN1518

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KBIN-DT	COUNCIL BLUFFS IA	49.4	PLN	DTVPLN -DTVP0900
35	KHIN-DT	RED OAK IA	0.0	PLN	DTVPLN -DTVP0973
36	KQCT	DAVENPORT IA	390.3	PLN	DTVPLN -NPLN1517
36	KMCI-DT	LAWRENCE KS	272.2	PLN	DTVPLN -DTVP1015
36	KTTC-DT	ROCHESTER MN	339.2	PLN	DTVPLN -DTVP1021
36	KOMU-DT	COLUMBIA MO	373.1	PLN	DTVPLN -DTVP1022
36	KHGI-DT	KEARNEY NE	312.4	PLN	DTVPLN -DTVP1026
36	NEW	SIOUX FALLS SD	301.7	PLN	DTVPLN -NPLN1530
38	KXVO-DT	OMAHA NE	86.6	PLN	DTVPLN -DTVP1057
40	KUON-DT	LINCOLN NE	102.8	PLN	DTVPLN -DTVP1133
43	NEW	DES MOINES IA	143.1	PLN	DTVPLN -NPLN1638
43	KPTM-DT	OMAHA NE	86.6	PLN	DTVPLN -DTVP1234

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Results for: 36N IA RED OAK

	DTVPLN	NPLN1518	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	748716	20356.7	
not affected by terrain losses	745174	20034.6	
lost to NTSC IX	2659	78.8	
lost to additional IX by ATV	45984	366.3	
lost to all IX	48643	445.1	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	KHIN	RED OAK IA	BLEDT	-20051116AED

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KEFB	AMES IA	144.4	LIC	BLET	-20051125ACY
34	960222KF	AMES IA	158.6	APP	BPET	-19960222KF
34	960701KE	AMES IA	144.4	APP	BPET	-19960701KE
34	960930KE	AMES IA	145.3	APP	BPET	-19960930KE
34	KUSD-DT	VERMILLION SD	227.6	PLN	DTVPLN	-DTVP0955
35	KRIN	WATERLOO IA	301.4	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	301.4	PLN	DTVPLN	-DTVP0974
35	KMTW	HUTCHINSON KS	424.8	LIC	BLCDDT	-20030117AAE
35	NEW -DT	HUTCHINSON KS	426.8	PLN	DTVPLN	-DTVP0977
35	NEW	WINONA MN	408.5	APP	BNPET	-20010220AAT
35	NEW	WINONA MN	408.5	APP	BNPET	-20010220AAT
35	960725KX	WINONA MN	409.8	APP	BPET	-19960725KX
35	NEW	WINONA MN	423.1	APP	BNPET	-20010220AAU
35	NEW	WINONA MN	418.6	APP	BNPET	-20010220AAV
36	KHIN	RED OAK IA	0.0	LIC	BLET	-19860923KP
35	FROST35D		271.8	APP	USERRECORD-01	

Total scenarios = 4

Result key: 1  
 Scenario 1 Affected station 24  
 Before Analysis

Results for: 35A IA RED OAK

	POPULATION	AREA (sq km)
HAAT 475.0 m, ATV ERP 600.0 kW		
within Noise Limited Contour	854977	31062.8
not affected by terrain losses	853365	30777.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	753	153.6
lost to ATV IX only	753	153.6
lost to all IX	753	153.6

Potential Interfering Stations Included in above Scenario 1

35A IA WATERLOO	BLEDT	20050218ABQ	LIC
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# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 35A IA RED OAK                      BLEDT              20051116AED    LIC  
 HAAT 475.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	854977	31062.8
not affected by terrain losses	853365	30777.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	759	155.6
lost to ATV IX only	759	155.6
lost to all IX	759	155.6

Potential Interfering Stations Included in above Scenario              1

35A IA WATERLOO                      BLEDT              20050218ABQ    LIC  
 35A                      USERRECORD01              APP  
 \*Percent Service lost without proposal:              -14.0    to BLEDT              20051116AED  
 \*Percent Service lost with proposal:              -14.0    to BLEDT              20051116AED

Result key:              2  
 Scenario              2    Affected station              24  
 Before Analysis

Results for: 35A IA RED OAK                      BLEDT              20051116AED    LIC  
 HAAT 475.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	854977	31062.8
not affected by terrain losses	853365	30777.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	182	20.7
lost to ATV IX only	182	20.7
lost to all IX	182	20.7

Potential Interfering Stations Included in above Scenario              2

35A IA WATERLOO                      DTVPLN              DTVP0974              PLN

## After Analysis

Results for: 35A IA RED OAK                      BLEDT              20051116AED    LIC  
 HAAT 475.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	854977	31062.8
not affected by terrain losses	853365	30777.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	188	22.7
lost to ATV IX only	188	22.7
lost to all IX	188	22.7

Potential Interfering Stations Included in above Scenario              2

35A IA WATERLOO                      DTVPLN              DTVP0974              PLN  
 35A                      USERRECORD01              APP  
 \*Percent Service lost without proposal:              -14.1    to BLEDT              20051116AED  
 \*Percent Service lost with proposal:              -14.1    to BLEDT              20051116AED

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 3  
 Scenario 3 Affected station 24  
 Before Analysis

Results for: 35A IA RED OAK BLEDT 20051116AED LIC  
 HAAT 475.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	854977	31062.8
not affected by terrain losses	853365	30777.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	753	153.6
lost to ATV IX only	753	153.6
lost to all IX	753	153.6

Potential Interfering Stations Included in above Scenario 3

35A IA WATERLOO BLEDT 20050218ABQ LIC

After Analysis

Results for: 35A IA RED OAK BLEDT 20051116AED LIC  
 HAAT 475.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	854977	31062.8
not affected by terrain losses	853365	30777.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	759	155.6
lost to ATV IX only	759	155.6
lost to all IX	759	155.6

Potential Interfering Stations Included in above Scenario 3

35A IA WATERLOO BLEDT 20050218ABQ LIC  
 35A USERRECORD01 APP  
 \*Percent Service lost without proposal: -14.0 to BLEDT 20051116AED  
 \*Percent Service lost with proposal: -14.0 to BLEDT 20051116AED

Result key: 4  
 Scenario 4 Affected station 24  
 Before Analysis

Results for: 35A IA RED OAK BLEDT 20051116AED LIC  
 HAAT 475.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	854977	31062.8
not affected by terrain losses	853365	30777.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	182	20.7
lost to ATV IX only	182	20.7
lost to all IX	182	20.7

Potential Interfering Stations Included in above Scenario 4

35A IA WATERLOO DTVPLN DTVP0974 PLN

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 35A IA RED OAK BLEDT 20051116AED LIC  
HAAT 475.0 m, ATV ERP 600.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	854977	31062.8
not affected by terrain losses	853365	30777.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	188	22.7
lost to ATV IX only	188	22.7
lost to all IX	188	22.7

Potential Interfering Stations Included in above Scenario 4

35A IA WATERLOO	DTVPLN	DTVP0974	PLN	
35A	USERRECORD01		APP	
*Percent Service lost without proposal:	-14.1	to BLEDT		20051116AED
*Percent Service lost with proposal:	-14.1	to BLEDT		20051116AED

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## Analysis of Interference to Affected Station 25

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	NEW	STORM LAKE IA	BSFDTL	-20060630BYU

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KHIN	RED OAK IA	148.6	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	148.6	PLN	DTVPLN	-DTVP0973
35	KRIN	WATERLOO IA	275.9	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	275.9	PLN	DTVPLN	-DTVP0974
35	KARE	MINNEAPOLIS MN	311.5	LIC	BLCDDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	311.5	PLN	DTVPLN	-DTVP0980
35	NEW	WINONA MN	313.7	APP	BNPET	-20010220AAT
35	NEW	WINONA MN	313.7	APP	BNPET	-20010220AAT
35	960725KX	WINONA MN	315.7	APP	BPET	-19960725KX
35	NEW	WINONA MN	328.0	APP	BNPET	-20010220AAU
35	NEW	WINONA MN	322.0	APP	BNPET	-20010220AAV
35	FROST35D		143.4	APP	USERRECORD-01	

Proposal causes no interference

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# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 26

### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
35	KRIN-DT	WATERLOO IA	DTVPLN	-DTVP0974

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	NEW	AMES IA	145.1	PLN	DTVPLN	-NPLN1473
34	KQCT-DT	DAVENPORT IA	137.1	PLN	DTVPLN	-DTVP0934
35	KHIN-DT	RED OAK IA	301.4	PLN	DTVPLN	-DTVP0973
35	WWTOTV	LASALLE IL	268.0	PLN	DTVPLN	-NPLN1495
35	KARE-DT	MINNEAPOLIS MN	322.1	PLN	DTVPLN	-DTVP0980
35	WMVT-DT	MILWAUKEE WI	334.3	PLN	DTVPLN	-DTVP0999
36	KQCT	DAVENPORT IA	137.1	PLN	DTVPLN	-NPLN1517
36	KTTC-DT	ROCHESTER MN	146.9	PLN	DTVPLN	-DTVP1021

Results for: 35A IA WATERLOO DTVPLN DTVP0974 PLN

HAAT 579.0 m, ATV ERP 238.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	754802	29540.7
not affected by terrain losses	735051	29123.4
lost to NTSC IX	9235	49.6
lost to additional IX by ATV	2175	263.7
lost to ATV IX only	3154	272.6
lost to all IX	11410	313.2

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
32	KRIN	WATERLOO IA	DTVPLN	-NPLN1428

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KYIN	MASON CITY IA	141.7	PLN	DTVPLN	-NPLN1206
25	KWKB-DT	IOWA CITY IA	68.0	PLN	DTVPLN	-DTVP0601
25	WLAX	LA CROSSE WI	170.1	PLN	DTVPLN	-NPLN1261
31	KCCI-DT	DES MOINES IA	156.0	PLN	DTVPLN	-DTVP0821
31	WHLATV	LA CROSSE WI	170.2	PLN	DTVPLN	-NPLN1418
32	KBINTV	COUNCIL BLUFFS IA	350.0	PLN	DTVPLN	-NPLN1427
32	WFLD	CHICAGO IL	352.3	PLN	DTVPLN	-NPLN1429
32	WTJR-DT	QUINCY IL	264.4	PLN	DTVPLN	-DTVP0863
32	WCCO-DT	MINNEAPOLIS MN	322.1	PLN	DTVPLN	-DTVP0868
32	KELO-DT	SIOUX FALLS SD	403.3	PLN	DTVPLN	-DTVP0881
32	WACY	APPLETON WI	387.0	PLN	DTVPLN	-NPLN1439
32	WJNW-DT	JANESVILLE WI	220.0	PLN	DTVPLN	-DTVP0889
33	KAAL-DT	AUSTIN MN	179.9	PLN	DTVPLN	-DTVP0905
33	KTVO-DT	KIRKSVILLE MO	204.4	PLN	DTVPLN	-DTVP0907
34	KQCT-DT	DAVENPORT IA	137.1	PLN	DTVPLN	-DTVP0934
35	KRIN-DT	WATERLOO IA	0.0	PLN	DTVPLN	-DTVP0974
36	KQCT	DAVENPORT IA	137.1	PLN	DTVPLN	-NPLN1517
39	NEW	NEWTON IA	124.2	PLN	DTVPLN	-NPLN1561
40	KFXB	DUBUQUE IA	104.0	PLN	DTVPLN	-NPLN1582
47	KTVC-DT	CEDAR RAPIDS IA	3.7	PLN	DTVPLN	-DTVP1358
47	KXLTTV	ROCHESTER MN	197.0	PLN	DTVPLN	-NPLN1719



# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

47 WMSNTV MADISON WI 206.9 PLN DTVPLN -NPLN1727

Results for: 32N IA WATERLOO DTVPLN NPLN1428 PLN  
 POPULATION AREA (sq km)  
 within Noise Limited Contour 753854 29509.9  
 not affected by terrain losses 709385 28714.0  
 lost to NTSC IX 22268 292.4  
 lost to additional IX by ATV 25822 646.3  
 lost to all IX 48090 938.7

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	KRIN	WATERLOO IA	BLEDT	-20050218ABQ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KEFB	AMES IA	159.5	LIC	BLET	-20051125ACY
34	960222KF	AMES IA	145.1	APP	BPET	-19960222KF
34	960701KE	AMES IA	159.5	APP	BPET	-19960701KE
34	960930KE	AMES IA	159.0	APP	BPET	-19960930KE
34	KQIN	DAVENPORT IA	149.7	CP	BPEDT	-20000501AIC
34	KQCT-DT	DAVENPORT IA	137.1	PLN	DTVPLN	-DTVP0934
35	KHIN	RED OAK IA	301.4	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	301.4	PLN	DTVPLN	-DTVP0973
35	WWTO-TV	LASALLE IL	268.0	LIC	BLCT	-19861212LH
35	KARE	MINNEAPOLIS MN	322.1	LIC	BLCDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	322.1	PLN	DTVPLN	-DTVP0980
35	NEW	WINONA MN	181.0	APP	BNPET	-20010220AAT
35	NEW	WINONA MN	181.0	APP	BNPET	-20010220AAT
35	960725KX	WINONA MN	180.2	APP	BPET	-19960725KX
35	NEW	WINONA MN	190.9	APP	BNPET	-20010220AAU
35	NEW	WINONA MN	191.2	APP	BNPET	-20010220AAV
35	WMVT-DT	MILWAUKEE WI	334.3	PLN	DTVPLN	-DTVP0999
35	WMVT	MILWAUKEE WI	334.4	CP MOD	BMPEDT	-20040618AAN
36	KQIN	DAVENPORT IA	137.1	LIC	BLET	-19911230KE
36	KTTC	ROCHESTER MN	157.1	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	146.9	PLN	DTVPLN	-DTVP1021
35	FROST35D		219.7	APP	USERRECORD-01	

Total scenarios = 112

Result key: 5  
 Scenario 1 Affected station 26  
 Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW  
 POPULATION AREA (sq km)  
 within Noise Limited Contour 846248 36375.6  
 not affected by terrain losses 821300 35933.9  
 lost to NTSC IX 1081 58.6  
 lost to additional IX by ATV 1089 145.9  
 lost to ATV IX only 1187 151.9  
 lost to all IX 2170 204.5

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 1

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	BMPCDDT	20060316AJH	CP

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC

HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	1089	145.9
lost to ATV IX only	1187	151.9
lost to all IX	2170	204.5

Potential Interfering Stations Included in above Scenario 1

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	BMPCDDT	20060316AJH	CP
35A	USERRECORD01		APP

\*Percent Service lost without proposal: -13.2 to BLEDT 20050218ABQ

\*Percent Service lost with proposal: -13.2 to BLEDT 20050218ABQ

Result key: 6

Scenario 2 Affected station 26

Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC

HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	2483	340.4
lost to ATV IX only	2581	346.4
lost to all IX	3564	399.0

Potential Interfering Stations Included in above Scenario 2

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	2483	340.4
lost to ATV IX only	2581	346.4
lost to all IX	3564	399.0

Potential Interfering Stations Included in above Scenario 2

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-13.0	to BLEDT	20050218ABQ
*Percent Service lost with proposal:	-13.0	to BLEDT	20050218ABQ

Result key: 7  
Scenario 3 Affected station 26  
Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	5924	199.5
lost to ATV IX only	6423	223.3
lost to all IX	7005	258.1

Potential Interfering Stations Included in above Scenario 3

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	BMPEDT	20040618AAN	CP
36A MN ROCHESTER	BMPCDDT	20060316AJH	CP

## After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	5924	199.5
lost to ATV IX only	6423	223.3
lost to all IX	7005	258.1

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 3

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	BMPEDT	20040618AAN	CP
36A MN ROCHESTER	BMPCDT	20060316AJH	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-12.5	to BLEDT	20050218ABQ
*Percent Service lost with proposal:	-12.5	to BLEDT	20050218ABQ

Result key: 8  
 Scenario 4 Affected station 26  
 Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	7318	394.0
lost to ATV IX only	7817	417.9
lost to all IX	8399	452.6

Potential Interfering Stations Included in above Scenario 4

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	BMPEDT	20040618AAN	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	7318	394.0
lost to ATV IX only	7817	417.9
lost to all IX	8399	452.6

Potential Interfering Stations Included in above Scenario 4

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	BMPEDT	20040618AAN	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-12.3	to BLEDT	20050218ABQ
*Percent Service lost with proposal:	-12.3	to BLEDT	20050218ABQ

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 9  
 Scenario 5 Affected station 26  
 Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	1062	131.0
lost to ATV IX only	1160	137.0
lost to all IX	2143	189.6

Potential Interfering Stations Included in above Scenario 5

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	BMPCDT	20060316AJH	CP

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	1062	131.0
lost to ATV IX only	1160	137.0
lost to all IX	2143	189.6

Potential Interfering Stations Included in above Scenario 5

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	BMPCDT	20060316AJH	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-13.2	to BLEDT	20050218ABQ
*Percent Service lost with proposal:	-13.2	to BLEDT	20050218ABQ

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 10  
 Scenario 6 Affected station 26  
 Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	2472	334.5
lost to ATV IX only	2570	340.4
lost to all IX	3553	393.0

Potential Interfering Stations Included in above Scenario 6

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	2472	334.5
lost to ATV IX only	2570	340.4
lost to all IX	3553	393.0

Potential Interfering Stations Included in above Scenario 6

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-13.0	to BLEDT	20050218ABQ
*Percent Service lost with proposal:	-13.0	to BLEDT	20050218ABQ

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 11  
 Scenario 7 Affected station 26  
 Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	5897	185.6
lost to ATV IX only	6396	209.4
lost to all IX	6978	244.2

Potential Interfering Stations Included in above Scenario 7

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
35A WI MILWAUKEE	BMPEDT	20040618AAN	CP
36A MN ROCHESTER	BMPCDT	20060316AJH	CP

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	5897	185.6
lost to ATV IX only	6396	209.4
lost to all IX	6978	244.2

Potential Interfering Stations Included in above Scenario 7

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
35A WI MILWAUKEE	BMPEDT	20040618AAN	CP
36A MN ROCHESTER	BMPCDT	20060316AJH	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-12.5	to BLEDT	20050218ABQ
*Percent Service lost with proposal:	-12.5	to BLEDT	20050218ABQ

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 12  
 Scenario 8 Affected station 26  
 Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	7307	389.1
lost to ATV IX only	7806	412.9
lost to all IX	8388	447.6

Potential Interfering Stations Included in above Scenario 8

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
35A WI MILWAUKEE	BMPEDT	20040618AAN	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	7307	389.1
lost to ATV IX only	7806	412.9
lost to all IX	8388	447.6

Potential Interfering Stations Included in above Scenario 8

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	BLEDT	20051116AED	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
35A WI MILWAUKEE	BMPEDT	20040618AAN	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-12.3	to BLEDT	20050218ABQ
*Percent Service lost with proposal:	-12.3	to BLEDT	20050218ABQ



# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 13  
 Scenario 9 Affected station 26  
 Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	795	110.2
lost to ATV IX only	893	116.1
lost to all IX	1876	168.7

Potential Interfering Stations Included in above Scenario 9

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	DTVPLN	DTVP0973	PLN
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	BMPCDDT	20060316AJH	CP

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	795	110.2
lost to ATV IX only	893	116.1
lost to all IX	1876	168.7

Potential Interfering Stations Included in above Scenario 9

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	DTVPLN	DTVP0973	PLN
35A MN MINNEAPOLIS	BLCDDT	20010917ABZ	LIC
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	BMPCDDT	20060316AJH	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-13.2	to BLEDT	20050218ABQ
*Percent Service lost with proposal:	-13.2	to BLEDT	20050218ABQ

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 14  
 Scenario 10 Affected station 26  
 Before Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	2189	304.7
lost to ATV IX only	2287	310.7
lost to all IX	3270	363.3

Potential Interfering Stations Included in above Scenario 10

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	DTVPLN	DTVP0973	PLN
35A MN MINNEAPOLIS	BLC DT	20010917ABZ	LIC
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 35A IA WATERLOO BLEDT 20050218ABQ LIC  
 HAAT 584.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	846248	36375.6
not affected by terrain losses	821300	35933.9
lost to NTSC IX	1081	58.6
lost to additional IX by ATV	2189	304.7
lost to ATV IX only	2287	310.7
lost to all IX	3270	363.3

Potential Interfering Stations Included in above Scenario 10

35N IL LASALLE	BLCT	19861212LH	LIC
35A IA RED OAK	DTVPLN	DTVP0973	PLN
35A MN MINNEAPOLIS	BLC DT	20010917ABZ	LIC
35A WI MILWAUKEE	DTVPLN	DTVP0999	PLN
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-13.0	to BLEDT	20050218ABQ
*Percent Service lost with proposal:	-13.0	to BLEDT	20050218ABQ

{Scenarios 11 through 112 have been removed; however, they show similar results for affected station 26. In no case is more than 0.4% of increased interference shown to Affected station 26 by the proposal.}

#####

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 27

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	DK25GD	AITKIN MN	BLTT -19970325IA

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KAWB-DT	BRAINERD MN	46.4	PLN	DTVPLN -DTVP0715
31	NEW	HIBBING MN	117.3	LIC	BPRM -20000717AEU
31	WRPT	HIBBING MN	117.3	CP	BPEDT -20030605AFB
33	KDLH-DT	DULUTH MN	136.9	PLN	DTVPLN -DTVP0906
35	KARE	MINNEAPOLIS MN	173.4	LIC	BLCDDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	173.4	PLN	DTVPLN -DTVP0980
35	NEW	WINONA MN	334.0	APP	BNPET -20010220AAT
35	NEW	WINONA MN	334.0	APP	BNPET -20010220AAT
35	960725KX	WINONA MN	336.2	APP	BPET -19960725KX
35	NEW	WINONA MN	332.4	APP	BNPET -20010220AAU
35	NEW	WINONA MN	327.8	APP	BNPET -20010220AAV
36	WIRT-DT	HIBBING MN	117.3	PLN	DTVPLN -DTVP1020
36	WIRT	HIBBING MN	117.3	CP	BPCDDT -19991027ABC
38	WDSE-DT	DULUTH MN	136.9	PLN	DTVPLN -DTVP1051
38	WDSE-TV	DULUTH MN	136.9	LIC	BLEDT -20060630ACS
43	WDIO-DT	DULUTH MN	136.9	PLN	DTVPLN -DTVP1230
35	FROST35D		327.8	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 28

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KRWF-DT	REDWOOD FALLS MN	36.3	PLN	DTVPLN -DTVP0674
27	KRWF	REDWOOD FALLS MN	36.3	CP MOD	BMPCDDT -20010518AAO
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN -DTVP0827
34	NEW	GRANITE FALLS MN	0.0	APP	BSFDDL -20060630BXH
35	KHIN	RED OAK IA	385.5	LIC	BLEDT -20051116AED
35	KHIN-DT	RED OAK IA	385.5	PLN	DTVPLN -DTVP0973
35	KARE	MINNEAPOLIS MN	194.2	LIC	BLCDDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	194.2	PLN	DTVPLN -DTVP0980
35	NEW	WINONA MN	321.3	APP	BNPET -20010220AAT
35	NEW	WINONA MN	321.3	APP	BNPET -20010220AAT
35	960725KX	WINONA MN	324.2	APP	BPET -19960725KX
35	NEW	WINONA MN	329.8	APP	BNPET -20010220AAU
35	NEW	WINONA MN	322.6	APP	BNPET -20010220AAV

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT	-20020605AAX
38	KEYC-DT	MANKATO MN	133.9	PLN	DTVPLN	-DTVP1052
50	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL	-20060630BXI
35	FROST35D		188.8	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 29

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	KRWF-DT	REDWOOD FALLS MN	105.7	PLN	DTVPLN -DTVP0674
27	KRWF	REDWOOD FALLS MN	105.7	CP MOD	BMPCDT -20010518AAO
32	KELO-DT	SIOUX FALLS SD	124.6	PLN	DTVPLN -DTVP0881
34	NEW	JACKSON MN	0.0	APP	BSFDTL -20060630BHF
35	KHIN	RED OAK IA	252.0	LIC	BLEDT -20051116AED
35	KHIN-DT	RED OAK IA	252.0	PLN	DTVPLN -DTVP0973
35	KRIN	WATERLOO IA	292.3	LIC	BLEDT -20050218ABQ
35	KRIN-DT	WATERLOO IA	292.3	PLN	DTVPLN -DTVP0974
35	KARE	MINNEAPOLIS MN	219.1	LIC	BLCDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	219.1	PLN	DTVPLN -DTVP0980
35	K35DC	ST. JAMES MN	64.3	LIC	BLTTL -19970522JJ
35	NEW	WINONA MN	265.4	APP	BNPET -20010220AAT
35	NEW	WINONA MN	265.4	APP	BNPET -20010220AAT
35	960725KX	WINONA MN	267.9	APP	BPET -19960725KX
35	NEW	WINONA MN	278.1	APP	BNPET -20010220AAU
35	NEW	WINONA MN	271.2	APP	BNPET -20010220AAV
36	NEW	JACKSON MN	0.0	APP	BSFDTL -20060630BHI
36	KWSD	SIOUX FALLS SD	127.7	LIC	BLCT -20001108ABE
38	KEYC-DT	MANKATO MN	59.6	PLN	DTVPLN -DTVP1052
50	K61GE	JACKSON MN	0.0	APP	BDISTTL -20060720ACY
35	FROST35D		85.6	APP	USERRECORD-01

Total scenarios = 4

Result key: 117

Scenario 1 Affected station 29

Before Analysis

Results for: 35N MN JACKSON

	POPULATION	AREA (sq km)
within Noise Limited Contour	4819	377.7
not affected by terrain losses	4819	377.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 1

After Analysis

Results for: 35N MN JACKSON	BDISTTL	20060720ACV	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4819	377.7	
not affected by terrain losses	4819	377.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	66	9.9	
lost to all IX	66	9.9	

Potential Interfering Stations Included in above Scenario 1

35A	USERRECORD01	APP	
*Percent new DTV interference without proposal:	0.0	BDISTTL	20060720ACV
*Percent new DTV interference with proposal:	1.4	BDISTTL	20060720ACV

Result key: 118  
 Scenario 2 Affected station 29  
 Before Analysis

Results for: 35N MN JACKSON	BDISTTL	20060720ACV	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4819	377.7	
not affected by terrain losses	4819	377.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4819	377.7	
lost to all IX	4819	377.7	

Potential Interfering Stations Included in above Scenario 2

34A MN JACKSON	BSFDTL	20060630BHF	APP
36A MN JACKSON	BSFDTL	20060630BHI	APP

After Analysis

Results for: 35N MN JACKSON	BDISTTL	20060720ACV	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4819	377.7	
not affected by terrain losses	4819	377.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4819	377.7	
lost to all IX	4819	377.7	

Potential Interfering Stations Included in above Scenario 2

34A MN JACKSON	BSFDTL	20060630BHF	APP
36A MN JACKSON	BSFDTL	20060630BHI	APP
35A	USERRECORD01	APP	
*Percent new DTV interference without proposal:	100.0	BDISTTL	20060720ACV
*Percent new DTV interference with proposal:	100.0	BDISTTL	20060720ACV

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 119  
 Scenario 3 Affected station 29  
 Before Analysis

Results for: 35N MN JACKSON	BDISTTL	20060720ACV	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4819	377.7	
not affected by terrain losses	4819	377.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4819	377.7	
lost to all IX	4819	377.7	

Potential Interfering Stations Included in above Scenario 3

34A MN JACKSON BSFDTL 20060630BHF APP

After Analysis

Results for: 35N MN JACKSON	BDISTTL	20060720ACV	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4819	377.7	
not affected by terrain losses	4819	377.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4819	377.7	
lost to all IX	4819	377.7	

Potential Interfering Stations Included in above Scenario 3

34A MN JACKSON	BSFDTL	20060630BHF	APP
35A	USERRECORD01		APP
*Percent new DTV interference without proposal:	100.0	BDISTTL	20060720ACV
*Percent new DTV interference with proposal:	100.0	BDISTTL	20060720ACV

Result key: 120  
 Scenario 4 Affected station 29  
 Before Analysis

Results for: 35N MN JACKSON	BDISTTL	20060720ACV	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4819	377.7	
not affected by terrain losses	4819	377.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4819	377.7	
lost to all IX	4819	377.7	

Potential Interfering Stations Included in above Scenario 4

36A MN JACKSON BSFDTL 20060630BHI APP

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 35N MN JACKSON

	BDISTTL	20060720ACV	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4819	377.7	
not affected by terrain losses	4819	377.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4819	377.7	
lost to all IX	4819	377.7	

Potential Interfering Stations Included in above Scenario 4

36A MN JACKSON	BSFDTL	20060630BHI	APP
35A	USERRECORD01		APP
*Percent new DTV interference without proposal:	100.0	BDISTTL	20060720ACV
*Percent new DTV interference with proposal:	100.0	BDISTTL	20060720ACV

#####

## Analysis of Interference to Affected Station 30

### DTV Baseline Analysis

Channel	Call	City/State	Application Ref. No.
35	KARE-DT	MINNEAPOLIS MN	DTVPLN -DTVP0980

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	KTCA-DT	ST. PAUL MN	1.3	PLN	DTVPLN -DTVP0941
35	KRIN-DT	WATERLOO IA	322.1	PLN	DTVPLN -DTVP0974
36	KTTC-DT	ROCHESTER MN	175.2	PLN	DTVPLN -DTVP1021

Results for: 35A MN MINNEAPOLIS

	DTVPLN	DTVP0980	PLN
HAAT 439.0 m, ATV ERP 762.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2952014	36096.7	
not affected by terrain losses	2941699	35645.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	2117	110.0	
lost to ATV IX only	2117	110.0	
lost to all IX	2117	110.0	

### NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
11	KARE	MINNEAPOLIS MN	DTVPLN -NPLN0720

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WDIOTV	DULUTH MN	207.2	PLN	DTVPLN -NPLN0659
10	KTTC	ROCHESTER MN	175.2	PLN	DTVPLN -NPLN0660
11	KDINTV	DES MOINES IA	363.6	PLN	DTVPLN -NPLN0710
11	NEW	INTERNATIONAL FALLS MN	372.2	PLN	DTVPLN -NPLN0719
11	KVLYTV	FARGO ND	407.5	PLN	DTVPLN -NPLN0725

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

11	KELOTV	SIOUX FALLS SD	320.0	PLN	DTVPLN	-NPLN0740
11	WLUKTV	GREEN BAY WI	412.8	PLN	DTVPLN	-NPLN0748
11	WMSN-DT	MADISON WI	364.1	PLN	DTVPLN	-DTVP0092
12	KEYCTV	MANKATO MN	160.6	PLN	DTVPLN	-NPLN0771

Results for: 11N MN MINNEAPOLIS      DTVPLN      NPLN0720      PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	2952060	36100.7
not affected by terrain losses	2896898	34495.0
lost to NTSC IX	45624	2680.1
lost to additional IX by ATV	0	0.0
lost to all IX	45624	2680.1

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	KARE	MINNEAPOLIS MN	BLCDDT	-20010917ABZ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KTCA-DT	ST. PAUL MN	1.3	PLN	DTVPLN	-DTVP0941
35	KRIN	WATERLOO IA	322.1	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	322.1	PLN	DTVPLN	-DTVP0974
35	NEW	WINONA MN	167.8	APP	BNPET	-20010220AAT
35	NEW	WINONA MN	167.8	APP	BNPET	-20010220AAT
35	960725KX	WINONA MN	170.3	APP	BPET	-19960725KX
35	NEW	WINONA MN	169.6	APP	BNPET	-20010220AAU
35	NEW	WINONA MN	163.7	APP	BNPET	-20010220AAV
36	KSAXDR	ALEXANDRIA MN	174.1	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	174.1	CP MOD	BMPCDDT	-20020605AAX
36	KTTC	ROCHESTER MN	165.1	CP MOD	BMPCDDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	175.2	PLN	DTVPLN	-DTVP1021
35	FROST35D		175.7	APP	USERRECORD-01	

Total scenarios = 56

Result key: 121  
 Scenario 1 Affected station 30  
 Before Analysis

Results for: 35A MN MINNEAPOLIS      BLCDDT      20010917ABZ      LIC

HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1132	114.0
lost to ATV IX only	1132	114.0
lost to all IX	1132	114.0

## Potential Interfering Stations Included in above Scenario 1

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	BMPCDDT	20060316AJH	CP



# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 35A MN MINNEAPOLIS BLCDT 20010917ABZ LIC  
HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10251	352.8
lost to ATV IX only	10251	352.8
lost to all IX	10251	352.8

Potential Interfering Stations Included in above Scenario 1

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	BMPCDT	20060316AJH	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:		-1.3	to BLCDT 20010917ABZ
*Percent Service lost with proposal:		-1.0	to BLCDT 20010917ABZ

Result key: 122  
Scenario 2 Affected station 30  
Before Analysis

Results for: 35A MN MINNEAPOLIS BLCDT 20010917ABZ LIC  
HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1324	124.9
lost to ATV IX only	1324	124.9
lost to all IX	1324	124.9

Potential Interfering Stations Included in above Scenario 2

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

## After Analysis

Results for: 35A MN MINNEAPOLIS BLCDT 20010917ABZ LIC  
HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10443	363.8
lost to ATV IX only	10443	363.8
lost to all IX	10443	363.8

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 2

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN	
35A IA WATERLOO	BLEDT	20050218ABQ	LIC	
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC	
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN	
35A	USERRECORD01		APP	
*Percent Service lost without proposal:		-1.3	to BLCDT	20010917ABZ
*Percent Service lost with proposal:		-0.9	to BLCDT	20010917ABZ

Result key: 123  
 Scenario 3 Affected station 30  
 Before Analysis

Results for: 35A MN MINNEAPOLIS BLCDT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1132	114.0
lost to ATV IX only	1132	114.0
lost to all IX	1132	114.0

Potential Interfering Stations Included in above Scenario 3

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	BMPCDT	20060316AJH	CP

After Analysis

Results for: 35A MN MINNEAPOLIS BLCDT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10251	352.8
lost to ATV IX only	10251	352.8
lost to all IX	10251	352.8

Potential Interfering Stations Included in above Scenario 3

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	BMPCDT	20060316AJH	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:		-1.3	to BLCDT 20010917ABZ
*Percent Service lost with proposal:		-1.0	to BLCDT 20010917ABZ

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 124  
 Scenario 4 Affected station 30  
 Before Analysis

Results for: 35A MN MINNEAPOLIS BLCDDT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1324	124.9
lost to ATV IX only	1324	124.9
lost to all IX	1324	124.9

Potential Interfering Stations Included in above Scenario 4

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BMPCDDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 35A MN MINNEAPOLIS BLCDDT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10443	363.8
lost to ATV IX only	10443	363.8
lost to all IX	10443	363.8

Potential Interfering Stations Included in above Scenario 4

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BMPCDDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-1.3	to BLCDDT	20010917ABZ
*Percent Service lost with proposal:	-0.9	to BLCDDT	20010917ABZ

Result key: 125  
 Scenario 5 Affected station 30  
 Before Analysis

Results for: 35A MN MINNEAPOLIS BLCDDT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1076	113.0
lost to ATV IX only	1076	113.0
lost to all IX	1076	113.0

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 5

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	BMPCDT	20060316AJH	CP

After Analysis

Results for: 35A MN MINNEAPOLIS BLC DT 20010917ABZ LIC  
HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10251	352.8
lost to ATV IX only	10251	352.8
lost to all IX	10251	352.8

Potential Interfering Stations Included in above Scenario 5

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	BMPCDT	20060316AJH	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-1.3	to BLC DT	20010917ABZ
*Percent Service lost with proposal:	-1.0	to BLC DT	20010917ABZ

Result key: 126  
Scenario 6 Affected station 30  
Before Analysis

Results for: 35A MN MINNEAPOLIS BLC DT 20010917ABZ LIC  
HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1268	123.9
lost to ATV IX only	1268	123.9
lost to all IX	1268	123.9

Potential Interfering Stations Included in above Scenario 6

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 35A MN MINNEAPOLIS BLC DT 20010917ABZ LIC  
HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10443	363.8
lost to ATV IX only	10443	363.8
lost to all IX	10443	363.8

Potential Interfering Stations Included in above Scenario 6

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-1.3	to BLC DT	20010917ABZ
*Percent Service lost with proposal:	-0.9	to BLC DT	20010917ABZ

Result key: 127  
Scenario 7 Affected station 30  
Before Analysis

Results for: 35A MN MINNEAPOLIS BLC DT 20010917ABZ LIC  
HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1076	113.0
lost to ATV IX only	1076	113.0
lost to all IX	1076	113.0

Potential Interfering Stations Included in above Scenario 7

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	BMPCDT	20060316AJH	CP

## After Analysis

Results for: 35A MN MINNEAPOLIS BLC DT 20010917ABZ LIC  
HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10251	352.8
lost to ATV IX only	10251	352.8
lost to all IX	10251	352.8

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 7

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN	
35A IA WATERLOO	DTVPLN	DTVP0974	PLN	
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP	
36A MN ROCHESTER	BMPCDT	20060316AJH	CP	
35A	USERRECORD01		APP	
*Percent Service lost without proposal:		-1.3	to BLCDT	20010917ABZ
*Percent Service lost with proposal:		-1.0	to BLCDT	20010917ABZ

Result key: 128  
 Scenario 8 Affected station 30  
 Before Analysis

Results for: 35A MN MINNEAPOLIS BLCDT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1268	123.9
lost to ATV IX only	1268	123.9
lost to all IX	1268	123.9

Potential Interfering Stations Included in above Scenario 8

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 35A MN MINNEAPOLIS BLCDT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10443	363.8
lost to ATV IX only	10443	363.8
lost to all IX	10443	363.8

Potential Interfering Stations Included in above Scenario 8

34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP
*Percent Service lost without proposal:		-1.3	to BLCDT 20010917ABZ
*Percent Service lost with proposal:		-0.9	to BLCDT 20010917ABZ

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 129  
 Scenario 9 Affected station 30  
 Before Analysis

Results for: 35A MN MINNEAPOLIS BLC DT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	13111	715.6
lost to additional IX by ATV	496	60.5
lost to ATV IX only	1132	114.0
lost to all IX	13607	776.1

Potential Interfering Stations Included in above Scenario 9

35N MN WINONA	BNPET	20010220AAT	APP
34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	BMPCDT	20060316AJH	CP

After Analysis

Results for: 35A MN MINNEAPOLIS BLC DT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	13111	715.6
lost to additional IX by ATV	7516	291.4
lost to ATV IX only	10251	352.8
lost to all IX	20627	1007.0

Potential Interfering Stations Included in above Scenario 9

35N MN WINONA	BNPET	20010220AAT	APP
34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	BMPCDT	20060316AJH	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-0.8	to BLC DT	20010917ABZ
*Percent Service lost with proposal:	-0.6	to BLC DT	20010917ABZ

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 130  
 Scenario 10 Affected station 30  
 Before Analysis

Results for: 35A MN MINNEAPOLIS BLCDDT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	13111	715.6
lost to additional IX by ATV	557	61.5
lost to ATV IX only	1324	124.9
lost to all IX	13668	777.1

Potential Interfering Stations Included in above Scenario 10

35N MN WINONA	BNPET	20010220AAT	APP
34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 35A MN MINNEAPOLIS BLCDDT 20010917ABZ LIC  
 HAAT 435.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2987954	37823.3
not affected by terrain losses	2977940	37288.1
lost to NTSC IX	13111	715.6
lost to additional IX by ATV	7577	292.4
lost to ATV IX only	10443	363.8
lost to all IX	20688	1008.0

Potential Interfering Stations Included in above Scenario 10

35N MN WINONA	BNPET	20010220AAT	APP
34A MN ST. PAUL	DTVPLN	DTVP0941	PLN
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP
*Percent Service lost without proposal:	-0.8	to BLCDDT	20010917ABZ
*Percent Service lost with proposal:	-0.6	to BLCDDT	20010917ABZ

{Scenarios 11 through 56 have been removed; however, they show similar results for affected station 30. In no case is more than 0.4% of increased interference shown to Affected station 30 by the proposal.}

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# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 31

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF-DT	REDWOOD FALLS MN	82.4	PLN	DTVPLN	-DTVP0674
27	KRWF	REDWOOD FALLS MN	82.4	CP MOD	BMPCDT	-20010518AAO
33	KAAL-DT	AUSTIN MN	127.5	PLN	DTVPLN	-DTVP0905
34	NEW	ST. JAMES MN	0.3	APP	BSFDTL	-20060630ASE
35	KHIN	RED OAK IA	311.8	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	311.8	PLN	DTVPLN	-DTVP0973
35	KRIN	WATERLOO IA	298.2	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	298.2	PLN	DTVPLN	-DTVP0974
35	K57IX	JACKSON MN	64.3	APP	BDISTTL	-20060720ACV
35	KARE	MINNEAPOLIS MN	156.8	LIC	BLCDDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	156.8	PLN	DTVPLN	-DTVP0980
35	NEW	WINONA MN	230.8	APP	BNPET	-20010220AAT
35	NEW	WINONA MN	230.8	APP	BNPET	-20010220AAT
35	960725KX	WINONA MN	233.6	APP	BPET	-19960725KX
35	NEW	WINONA MN	241.8	APP	BNPET	-20010220AAU
35	NEW	WINONA MN	234.5	APP	BNPET	-20010220AAV
36	NEW	ST. JAMES MN	0.3	APP	BSFDTL	-20060630ASF
38	KEYC-DT	MANKATO MN	24.2	PLN	DTVPLN	-DTVP1052
50	K50AB	ST. JAMES MN	0.0	LIC	BLTTL	-19970522JF
35	FROST35D		79.0	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 32

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	NEW	ST. PAUL MN	BSFDTL	-20060630CUU

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KTCA-DT	ST. PAUL MN	14.8	PLN	DTVPLN	-DTVP0941
35	KRIN	WATERLOO IA	316.7	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	316.7	PLN	DTVPLN	-DTVP0974
35	KARE	MINNEAPOLIS MN	14.2	LIC	BLCDDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	14.2	PLN	DTVPLN	-DTVP0980
35	NEW	WINONA MN	168.5	APP	BNPET	-20010220AAT
35	NEW	WINONA MN	168.5	APP	BNPET	-20010220AAT
35	960725KX	WINONA MN	171.1	APP	BPET	-19960725KX
35	NEW	WINONA MN	171.4	APP	BNPET	-20010220AAU
35	NEW	WINONA MN	165.2	APP	BNPET	-20010220AAV
35	FROST35D		163.1	APP	USERRECORD-01	

Proposal causes no interference

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

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## Analysis of Interference to Affected Station 33

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	NEW	WALKER MN	BDCCDTT -20060929BHY

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	NEW	WALKER MN	0.0	APP	BDCCDTT -20060929BHS
35	DK25GD	AITKIN MN	81.9	LIC	BLTT -19970325IA
35	KARE	MINNEAPOLIS MN	251.6	LIC	BLCDDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	251.6	PLN	DTVPLN -DTVP0980
35	K56ET	FARGO ND	158.3	CP	BPTT -20050615ACB
36	WIRT-DT	HIBBING MN	126.7	PLN	DTVPLN -DTVP1020
36	WIRT	HIBBING MN	126.8	CP	BPCDDT -19991027ABC
35	FROST35D		393.2	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 34

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	NEW	WINONA MN	BNPET -20010220AAT

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WHWC-DT	MENOMONIE WI	123.3	PLN	DTVPLN -DTVP0697
27	WHWC-TV	MENOMONIE WI	123.3	LIC	BLEDT -20040824AAF
28	WHWC-TV	MENOMONIE WI	123.3	LIC	BMLET -20021118ACH
33	KAAL-DT	AUSTIN MN	120.2	PLN	DTVPLN -DTVP0905
34	KTCA-DT	ST. PAUL MN	166.7	PLN	DTVPLN -DTVP0941
35	KRIN	WATERLOO IA	181.0	LIC	BLEDT -20050218ABQ
35	KRIN-DT	WATERLOO IA	181.0	PLN	DTVPLN -DTVP0974
35	WWTO-TV	LASALLE IL	373.2	LIC	BLCT -19861212LH
35	WLUC-DT	MARQUETTE MI	403.6	PLN	DTVPLN -DTVP0979
35	KARE	MINNEAPOLIS MN	167.8	LIC	BLCDDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	167.8	PLN	DTVPLN -DTVP0980
35	WMVT-DT	MILWAUKEE WI	321.4	PLN	DTVPLN -DTVP0999
35	WMVT	MILWAUKEE WI	321.5	CP MOD	BMPEDT -20040618AAN
36	KTTC	ROCHESTER MN	72.8	CP MOD	BMPCDDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	70.2	PLN	DTVPLN -DTVP1021
39	WEAU-DT	EAU CLAIRE WI	100.4	PLN	DTVPLN -DTVP1112
39	960220KF	MARSHFIELD WI	100.4	APP	BPCT -19960220KF
42	KIMT	MASON CITY IA	94.8	APP	BMPCDDT -20060509AAH
42	KIMT-DT	MASON CITY IA	109.7	PLN	DTVPLN -DTVP1190

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

49	WEUX	CHIPPEWA FALLS WI	112.9	CP	BPCDT	-19991027ACD
49	WEUX-DT	CHIPPEWA FALLS WI	113.0	PLN	DTVPLN	-DTVP1435
35	FROST35D		181.8	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 35

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	NEW	WINONA MN	BNPET -20010220AAT

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WHWC-DT	MENOMONIE WI	123.3	PLN	DTVPLN -DTVP0697
27	WHWC-TV	MENOMONIE WI	123.3	LIC	BLEDT -20040824AAF
28	WHWC-TV	MENOMONIE WI	123.3	LIC	BMLET -20021118ACH
33	KAAL-DT	AUSTIN MN	120.2	PLN	DTVPLN -DTVP0905
34	KTCA-DT	ST. PAUL MN	166.7	PLN	DTVPLN -DTVP0941
35	KRIN	WATERLOO IA	181.0	LIC	BLEDT -20050218ABQ
35	KRIN-DT	WATERLOO IA	181.0	PLN	DTVPLN -DTVP0974
35	WWTO-TV	LASALLE IL	373.2	LIC	BLCT -19861212LH
35	WLUC-DT	MARQUETTE MI	403.6	PLN	DTVPLN -DTVP0979
35	KARE	MINNEAPOLIS MN	167.8	LIC	BLCDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	167.8	PLN	DTVPLN -DTVP0980
35	WMVT-DT	MILWAUKEE WI	321.4	PLN	DTVPLN -DTVP0999
35	WMVT	MILWAUKEE WI	321.5	CP MOD	BMPEDT -20040618AAN
36	KTTC	ROCHESTER MN	72.8	CP MOD	BMPCDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	70.2	PLN	DTVPLN -DTVP1021
39	WEAU-DT	EAU CLAIRE WI	100.4	PLN	DTVPLN -DTVP1112
39	960220KF	MARSHFIELD WI	100.4	APP	BPCT -19960220KF
42	KIMT	MASON CITY IA	94.8	APP	BMPCDT -20060509AAH
42	KIMT-DT	MASON CITY IA	109.7	PLN	DTVPLN -DTVP1190
49	WEUX	CHIPPEWA FALLS WI	112.9	CP	BPCDT -19991027ACD
49	WEUX-DT	CHIPPEWA FALLS WI	113.0	PLN	DTVPLN -DTVP1435
35	FROST35D		181.8	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 36

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	960725KX	WINONA MN	BPET -19960725KX

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	WHWC-DT	MENOMONIE WI	124.6	PLN	DTVPLN -DTVP0697
27	WHWC-TV	MENOMONIE WI	124.6	LIC	BLEDT -20040824AAF

FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

28	WHWC-TV	MENOMONIE WI	124.6	LIC	BMLET	-20021118ACH
33	KAAL-DT	AUSTIN MN	122.5	PLN	DTVPLN	-DTVP0905
34	KTCA-DT	ST. PAUL MN	169.2	PLN	DTVPLN	-DTVP0941
35	KRIN	WATERLOO IA	180.2	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	180.2	PLN	DTVPLN	-DTVP0974
35	WWTO-TV	LASALLE IL	370.8	LIC	BLCT	-19861212LH
35	WLUC-DT	MARQUETTE MI	402.3	PLN	DTVPLN	-DTVP0979
35	KARE	MINNEAPOLIS MN	170.3	LIC	BLCDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	170.3	PLN	DTVPLN	-DTVP0980
35	WMVT-DT	MILWAUKEE WI	318.6	PLN	DTVPLN	-DTVP0999
35	WMVT	MILWAUKEE WI	318.7	CP MOD	BMPEDT	-20040618AAN
36	KTTC	ROCHESTER MN	74.7	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	71.8	PLN	DTVPLN	-DTVP1021
39	WEAU-DT	EAU CLAIRE WI	99.6	PLN	DTVPLN	-DTVP1112
39	960220KF	MARSHFIELD WI	99.6	APP	BPCT	-19960220KF
42	KIMT	MASON CITY IA	96.6	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	111.3	PLN	DTVPLN	-DTVP1190
49	WEUX	CHIPPEWA FALLS WI	113.8	CP	BPCDT	-19991027ACD
49	WEUX-DT	CHIPPEWA FALLS WI	113.9	PLN	DTVPLN	-DTVP1435
35	FROST35D		184.2	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 37

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	NEW	WINONA MN	BNPET	-20010220AAU

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WHWC-DT	MENOMONIE WI	116.2	PLN	DTVPLN	-DTVP0697
27	WHWC-TV	MENOMONIE WI	116.2	LIC	BLEDT	-20040824AAF
28	WHWC-TV	MENOMONIE WI	116.2	LIC	BMLET	-20021118ACH
33	KAAL-DT	AUSTIN MN	134.0	PLN	DTVPLN	-DTVP0905
34	KTCA-DT	ST. PAUL MN	168.4	PLN	DTVPLN	-DTVP0941
35	KRIN	WATERLOO IA	190.9	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	190.9	PLN	DTVPLN	-DTVP0974
35	WWTO-TV	LASALLE IL	373.1	LIC	BLCT	-19861212LH
35	WLUC-DT	MARQUETTE MI	389.0	PLN	DTVPLN	-DTVP0979
35	KARE	MINNEAPOLIS MN	169.6	LIC	BLCDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	169.6	PLN	DTVPLN	-DTVP0980
35	WMVT-DT	MILWAUKEE WI	312.8	PLN	DTVPLN	-DTVP0999
35	WMVT	MILWAUKEE WI	312.9	CP MOD	BMPEDT	-20040618AAN
36	KTTC	ROCHESTER MN	87.3	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	84.9	PLN	DTVPLN	-DTVP1021
39	WEAU-DT	EAU CLAIRE WI	86.4	PLN	DTVPLN	-DTVP1112
39	960220KF	MARSHFIELD WI	86.4	APP	BPCT	-19960220KF
42	KIMT	MASON CITY IA	109.5	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	124.3	PLN	DTVPLN	-DTVP1190
49	WEUX	CHIPPEWA FALLS WI	104.2	CP	BPCDT	-19991027ACD

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

49	WEUX-DT	CHIPPEWA FALLS WI	104.3	PLN	DTVPLN	-DTVP1435
35	FROST35D		195.1	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 38

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	NEW	WINONA MN	BNPET	-20010220AAV

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	WHWC-DT	MENOMONIE WI	114.1	PLN	DTVPLN	-DTVP0697
27	WHWC-TV	MENOMONIE WI	114.1	LIC	BLEDT	-20040824AAF
28	WHWC-TV	MENOMONIE WI	114.1	LIC	BMLET	-20021118ACH
33	KAAL-DT	AUSTIN MN	127.5	PLN	DTVPLN	-DTVP0905
34	KTCA-DT	ST. PAUL MN	162.6	PLN	DTVPLN	-DTVP0941
35	KRIN	WATERLOO IA	191.2	LIC	BLEDT	-20050218ABQ
35	KRIN-DT	WATERLOO IA	191.2	PLN	DTVPLN	-DTVP0974
35	WWTO-TV	LASALLE IL	378.2	LIC	BLCT	-19861212LH
35	WLUC-DT	MARQUETTE MI	393.6	PLN	DTVPLN	-DTVP0979
35	KARE	MINNEAPOLIS MN	163.7	LIC	BLCDDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	163.7	PLN	DTVPLN	-DTVP0980
35	WMVT-DT	MILWAUKEE WI	320.0	PLN	DTVPLN	-DTVP0999
35	WMVT	MILWAUKEE WI	320.1	CP MOD	BMPEDT	-20040618AAN
36	KTTC	ROCHESTER MN	81.5	CP MOD	BMPCDDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	79.8	PLN	DTVPLN	-DTVP1021
39	WEAU-DT	EAU CLAIRE WI	89.9	PLN	DTVPLN	-DTVP1112
39	960220KF	MARSHFIELD WI	89.9	APP	BPCT	-19960220KF
42	KIMT	MASON CITY IA	104.1	APP	BMPCDDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	119.1	PLN	DTVPLN	-DTVP1190
49	WEUX	CHIPPEWA FALLS WI	102.9	CP	BPCDDT	-19991027ACD
49	WEUX-DT	CHIPPEWA FALLS WI	103.0	PLN	DTVPLN	-DTVP1435
35	FROST35D		188.3	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.
35	KWAZ-LP	LINCOLN NE	BPTTL	-20040729AOC

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KHNE-TV	HASTINGS NE	119.2	LIC	BLEDT	-20030409ABN
28	KHNE	HASTINGS NE	119.2	LIC	BPRM	-20000728AAH
31	KLKN-DT	LINCOLN NE	53.0	PLN	DTVPLN	-DTVP0833

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

33	KBIN-TV	COUNCIL BLUFFS IA	83.4	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	83.4	PLN	DTVPLN	-DTVP0900
35	KHIN	RED OAK IA	131.0	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	131.0	PLN	DTVPLN	-DTVP0973
35	KMTW	HUTCHINSON KS	331.6	LIC	BLCDDT	-20030117AAE
35	NEW -DT	HUTCHINSON KS	332.6	PLN	DTVPLN	-DTVP0977
35	K35FM	NORFOLK NE	142.5	CP	BPTT	-20050414ABJ
36	KHIN	RED OAK IA	131.0	LIC	BLET	-19860923KP
38	KXVO-DT	OMAHA NE	45.0	PLN	DTVPLN	-DTVP1057
38	KXVO	OMAHA NE	45.0	CP MOD	BMPCDT	-20040618AAW
43	KPTM-DT	OMAHA NE	45.0	PLN	DTVPLN	-DTVP1234
43	KPTM	OMAHA NE	44.9	APP	BMPCDT	-20040609AAB
43	KPTM	OMAHA NE	44.9	LIC	BLCDDT	-20051107AFO
35	FROST35D		378.7	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 40

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	K35FM	NORFOLK NE	BPTT -20050414ABJ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
28	KSIN-DT	SIOUX CITY IA	102.0	PLN	DTVPLN -DTVP0706
28	KSIN-TV	SIOUX CITY IA	102.0	LIC	BLEDT -20050726AMC
31	KLKN-DT	LINCOLN NE	127.5	PLN	DTVPLN -DTVP0833
34	KUSD-DT	VERMILLION SD	122.7	PLN	DTVPLN -DTVP0955
35	KHIN	RED OAK IA	190.3	LIC	BLEDT -20051116AED
35	KHIN-DT	RED OAK IA	190.3	PLN	DTVPLN -DTVP0973
35	KWAZ-LP	LINCOLN NE	142.5	CP	BPTTL -20040729AOC
38	KXVO-DT	OMAHA NE	142.2	PLN	DTVPLN -DTVP1057
38	KXVO	OMAHA NE	142.1	CP MOD	BMPCDT -20040618AAW
39	KMEG-DT	SIOUX CITY IA	102.0	PLN	DTVPLN -DTVP1087
39	KMEG	SIOUX CITY IA	112.0	CP	BPCDT -19990415KE
43	KPTM-DT	OMAHA NE	142.2	PLN	DTVPLN -DTVP1234
43	KPTM	OMAHA NE	142.2	APP	BMPCDT -20040609AAB
43	KPTM	OMAHA NE	142.2	LIC	BLCDDT -20051107AFO
49	NEW -DT	SIOUX CITY IA	112.0	PLN	DTVPLN -DTVP1418
49	KPTH	SIOUX CITY IA	112.0	CP	BPCDT -19991101AGW
35	FROST35D		328.6	APP	USERRECORD-01

Proposal causes no interference

#####

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 41

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	K35FM	NORFOLK NE	BDFCDTT	-20060330AEZ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	KUSD-DT	VERMILLION SD	122.7	PLN	DTVPLN	-DTVP0955
35	KHIN	RED OAK IA	190.3	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	190.3	PLN	DTVPLN	-DTVP0973
35	FROST35D		328.7	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 42

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	K35GR	BADGER SD	BDFCDTT	-20060331AZR

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KHIN	RED OAK IA	384.8	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	384.8	PLN	DTVPLN	-DTVP0973
35	KARE	MINNEAPOLIS MN	329.7	LIC	BLCDDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	329.7	PLN	DTVPLN	-DTVP0980
36	KWSD	SIOUX FALLS SD	121.5	LIC	BLCT	-20001108ABE
35	FROST35D		282.8	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 43

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
35	K35GR	BADGER SD	BLTT	-20030610AAT

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
27	KRWF-DT	REDWOOD FALLS MN	138.6	PLN	DTVPLN	-DTVP0674
27	KRWF	REDWOOD FALLS MN	138.6	CP MOD	BMPCDT	-20010518AAO
28	KABY-DT	ABERDEEN SD	86.1	PLN	DTVPLN	-DTVP0726
31	KWCM-DT	APPLETON MN	123.5	PLN	DTVPLN	-DTVP0827
32	KELO-DT	SIOUX FALLS SD	121.5	PLN	DTVPLN	-DTVP0881
35	KHIN	RED OAK IA	384.8	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	384.8	PLN	DTVPLN	-DTVP0973

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

35	KARE	MINNEAPOLIS MN	329.7	LIC	BLCDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	329.7	PLN	DTVPLN	-DTVP0980
36	KWSD	SIOUX FALLS SD	121.5	LIC	BLCT	-20001108ABE
35	FROST35D		282.8	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 44

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	WIBU-LP	TOMAH WI	BLTTL -19990811JD

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
32	WBUW	JANESVILLE WI	129.1	LIC	BLCDT -20040930BHL
35	KRIN	WATERLOO IA	203.9	LIC	BLEDT -20050218ABQ
35	KRIN-DT	WATERLOO IA	203.9	PLN	DTVPLN -DTVP0974
35	WWTO-TV	LASALLE IL	320.5	LIC	BLCT -19861212LH
35	WGVU-TV	GRAND RAPIDS MI	392.3	LIC	BMLET -19911016KH
35	WLUC-DT	MARQUETTE MI	345.6	PLN	DTVPLN -DTVP0979
35	KARE	MINNEAPOLIS MN	240.6	LIC	BLCDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	240.6	PLN	DTVPLN -DTVP0980
35	NEW	WINONA MN	91.2	APP	BNPET -20010220AAT
35	NEW	WINONA MN	91.2	APP	BNPET -20010220AAT
35	960725KX	WINONA MN	88.5	APP	BPET -19960725KX
35	NEW	WINONA MN	80.5	APP	BNPET -20010220AAU
35	NEW	WINONA MN	87.8	APP	BNPET -20010220AAV
35	WMVT-DT	MILWAUKEE WI	233.5	PLN	DTVPLN -DTVP0999
35	WMVT	MILWAUKEE WI	233.6	CP MOD	BMPEDT -20040618AAN
39	WEAU-DT	EAU CLAIRE WI	90.4	PLN	DTVPLN -DTVP1112
49	WEUX	CHIPPEWA FALLS WI	145.9	CP	BPCDT -19991027ACD
50	WISC-TV	MADISON WI	126.0	CP	BPCDT -19991027ABG
50	WISC-DT	MADISON WI	126.0	PLN	DTVPLN -DTVP1466
35	FROST35D		271.0	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 45

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KAAL-DT	AUSTIN MN	62.6	PLN	DTVPLN -DTVP0905
36	KQIN	DAVENPORT IA	356.8	LIC	BLET -19911230KE
36	KHIN	RED OAK IA	271.8	LIC	BLET -19860923KP



FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

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	APP	BSTA	-20060609AAE
36	WLEF-TV	PARK FALLS WI	389.8	LIC	BMLET	-20031211AAB
38	KEYC-DT	MANKATO MN	55.0	PLN	DTVPLN	-DTVP1052
51	K65FW	FROST MN	0.0	APP	BDISTTL	-20060720ACO
35	FROST35D		0.0	APP	USERRECORD-01	

Total scenarios = 4

Result key: 177  
 Scenario 1 Affected station 45  
 Before Analysis

Results for: 36N MN FROST	BLTTL	20020426AAV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	789	228.7	
not affected by terrain losses	789	228.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	3	11.9	
lost to all IX	3	11.9	

Potential Interfering Stations Included in above Scenario 1

36A MN ROCHESTER	BMPCDT	20060316AJH	CP
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After Analysis

Results for: 36N MN FROST	BLTTL	20020426AAV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	789	228.7	
not affected by terrain losses	789	228.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	789	228.7	
lost to all IX	789	228.7	

Potential Interfering Stations Included in above Scenario 1

36A MN ROCHESTER	BMPCDT	20060316AJH	CP
35A	USERRECORD01		APP

The following station failed the de minimis interference criteria.

35D	USERRECORD01
ERP 15.00 kW HAAT	87.0 m RCAMSL 434.0 m
Antenna usr	USRPAT01

Due to interference to the following station and scenario: 1

36N MN FROST	BLTTL	20020426AAV
ERP 1.51 kW HAAT	106.0 m RCAMSL	434.0 m
Antenna	9999999999999999	

Percent new DTV interference without proposal:	0.4	BLTTL	20020426AAV
Percent new DTV interference with proposal:	100.0	BLTTL	20020426AAV

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 178  
 Scenario 2 Affected station 45  
 Before Analysis

Results for: 36N MN FROST	BLTTTL	20020426AAV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	789	228.7	
not affected by terrain losses	789	228.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	78	41.8	
lost to all IX	78	41.8	

Potential Interfering Stations Included in above Scenario 2

36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
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After Analysis

Results for: 36N MN FROST	BLTTTL	20020426AAV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	789	228.7	
not affected by terrain losses	789	228.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	789	228.7	
lost to all IX	789	228.7	

Potential Interfering Stations Included in above Scenario 2

36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP

The following station failed the de minimis interference criteria.

35D	USERRECORD01
ERP 15.00 kW HAAT 87.0 m RCAMSL 434.0 m	
Antenna usr USRPAT01	

Due to interference to the following station and scenario: 2

36N MN FROST	BLTTTL	20020426AAV
ERP 1.51 kW HAAT 106.0 m RCAMSL 434.0 m		
Antenna 999999999999999		

Percent new DTV interference without proposal:	9.9	BLTTTL	20020426AAV
Percent new DTV interference with proposal:	100.0	BLTTTL	20020426AAV

Result key: 179  
 Scenario 3 Affected station 45  
 Before Analysis

Results for: 36N MN FROST	BLTTTL	20020426AAV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	789	228.7	
not affected by terrain losses	789	228.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	3	11.9	
lost to all IX	3	11.9	

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Potential Interfering Stations Included in above Scenario 3

36A MN ROCHESTER                      BMPCDT      20060316AJH    CP

After Analysis

Results for: 36N MN FROST	BLTTTL	20020426AAV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	789	228.7	
not affected by terrain losses	789	228.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	789	228.7	
lost to all IX	789	228.7	

Potential Interfering Stations Included in above Scenario 3

36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
35A    USERRECORD01                      APP

The following station failed the de minimis interference criteria.

35D    USERRECORD01  
ERP    15.00 kW    HAAT      87.0 m    RCAMSL    434.0 m  
Antenna usr USRPAT01

Due to interference to the following station and scenario: 3

36N MN FROST                              BLTTTL      20020426AAV  
ERP    1.51 kW    HAAT    106.0 m    RCAMSL    434.0 m  
Antenna            9999999999999999

Percent new DTV interference without proposal:	0.4	BLTTTL	20020426AAV
Percent new DTV interference with proposal:	100.0	BLTTTL	20020426AAV

Result key:            180  
Scenario            4    Affected station            45  
Before Analysis

Results for: 36N MN FROST	BLTTTL	20020426AAV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	789	228.7	
not affected by terrain losses	789	228.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	78	41.8	
lost to all IX	78	41.8	

Potential Interfering Stations Included in above Scenario 4

36A MN ROCHESTER                      DTVPLN      DTVP1021      PLN

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36N MN FROST	BLTTTL	20020426AAV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	789	228.7	
not affected by terrain losses	789	228.7	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	789	228.7	
lost to all IX	789	228.7	

Potential Interfering Stations Included in above Scenario 4

36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
35A	USERRECORD01		APP

The following station failed the de minimis interference criteria.

35D	USERRECORD01
ERP 15.00 kW HAAT	87.0 m RCAMSL 434.0 m
Antenna usr	USRPAT01

Due to interference to the following station and scenario: 4

36N MN FROST	BLTTTL	20020426AAV
ERP 1.51 kW HAAT	106.0 m RCAMSL	434.0 m
Antenna	9999999999999999	

Percent new DTV interference without proposal:	9.9	BLTTTL	20020426AAV
Percent new DTV interference with proposal:	100.0	BLTTTL	20020426AAV

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## Analysis of Interference to Affected Station 46

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	NEW	JACKSON MN	BSFDTL	-20060630BHI

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	K57IX	JACKSON MN	0.0	APP	BDISTTL	-20060720ACV
36	KHIN	RED OAK IA	252.0	LIC	BLET	-19860923KP
36	KSAXDR	ALEXANDRIA MN	233.5	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	233.5	CP MOD	BMPCDT	-20020605AAX
36	KTTC	ROCHESTER MN	198.5	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	206.6	PLN	DTVPLN	-DTVP1021
36	KWSD	SIOUX FALLS SD	127.7	LIC	BLCT	-20001108ABE
35	FROST35D		85.6	APP	USERRECORD-01	

Proposal causes no interference

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# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 47

### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
36	KTTC-DT	ROCHESTER MN	DTVPLN	-DTVP1021

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KRIN-DT	WATERLOO IA	146.9	PLN	DTVPLN	-DTVP0974
35	KARE-DT	MINNEAPOLIS MN	175.2	PLN	DTVPLN	-DTVP0980
36	KQCT	DAVENPORT IA	272.5	PLN	DTVPLN	-NPLN1517
36	KHIN	RED OAK IA	339.2	PLN	DTVPLN	-NPLN1518
36	WIRT-DT	HIBBING MN	425.5	PLN	DTVPLN	-DTVP1020
36	NEW	SIOUX FALLS SD	338.5	PLN	DTVPLN	-NPLN1530
36	WMVT	MILWAUKEE WI	369.3	PLN	DTVPLN	-NPLN1533
36	WLEFTV	PARK FALLS WI	313.8	PLN	DTVPLN	-NPLN1534

Results for: 36A MN ROCHESTER DTVPLN DTVP1021 PLN

HAAT 381.0 m, ATV ERP 772.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	629097	32974.5
not affected by terrain losses	568485	31925.2
lost to NTSC IX	5574	89.5
lost to additional IX by ATV	2251	136.3
lost to ATV IX only	2284	143.2
lost to all IX	7825	225.8

### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
10	KTTC	ROCHESTER MN	DTVPLN	-NPLN0660

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	KCRGTV	CEDAR RAPIDS IA	146.9	PLN	DTVPLN	-NPLN0592
09	KMSPTV	MINNEAPOLIS MN	174.4	PLN	DTVPLN	-NPLN0601
10	WWTO-DT	LASALLE IL	383.0	PLN	DTVPLN	-DTVP0072
10	WGEMTV	QUINCY IL	412.5	PLN	DTVPLN	-NPLN0648
10	KWCMTV	APPLETON MN	334.8	PLN	DTVPLN	-NPLN0658
10	WDIOTV	DULUTH MN	358.3	PLN	DTVPLN	-NPLN0659
10	WMVS	MILWAUKEE WI	369.5	PLN	DTVPLN	-NPLN0692
11	KDINTV	DES MOINES IA	218.5	PLN	DTVPLN	-NPLN0710
11	KARE	MINNEAPOLIS MN	175.2	PLN	DTVPLN	-NPLN0720

Results for: 10N MN ROCHESTER DTVPLN NPLN0660 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	629130	32974.5
not affected by terrain losses	528302	31008.1
lost to NTSC IX	60881	4177.4
lost to additional IX by ATV	0	0.0
lost to all IX	60881	4177.4

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	KTTC	ROCHESTER MN	BMPCDT -20060316AJH

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	KRIN	WATERLOO IA	157.1	LIC	BLEDT -20050218ABQ
35	KRIN-DT	WATERLOO IA	157.1	PLN	DTVPLN -DTVP0974
35	KARE	MINNEAPOLIS MN	165.1	LIC	BLCDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	165.1	PLN	DTVPLN -DTVP0980
35	NEW	WINONA MN	72.8	APP	BNPET -20010220AAT
35	NEW	WINONA MN	72.8	APP	BNPET -20010220AAT
35	960725KX	WINONA MN	74.7	APP	BPET -19960725KX
35	NEW	WINONA MN	87.3	APP	BNPET -20010220AAU
35	NEW	WINONA MN	81.5	APP	BNPET -20010220AAV
36	KQIN	DAVENPORT IA	283.6	LIC	BLET -19911230KE
36	KHIN	RED OAK IA	339.5	LIC	BLET -19860923KP
36	KSAXDR	ALEXANDRIA MN	310.0	LIC	BPRM -20010423AFQ
36	KSAX	ALEXANDRIA MN	310.0	CP MOD	BMPCDT -20020605AAX
36	WIRT-DT	HIBBING MN	416.9	PLN	DTVPLN -DTVP1020
36	WIRT	HIBBING MN	416.9	CP	BPCDT -19991027ABC
36	KWSD	SIOUX FALLS SD	326.1	LIC	BLCT -20001108ABE
36	WMVT	MILWAUKEE WI	378.3	LIC	BLET -20050623ABQ
36	WLEF-TV	PARK FALLS WI	311.6	APP	BSTA -20060609AAE
36	WLEF-TV	PARK FALLS WI	311.6	LIC	BMLET -20031211AAB
35	FROST35D		113.1	APP	USERRECORD-01

Total scenarios = 56

Result key: 181  
Scenario 1 Affected station 47  
Before Analysis

Results for: 36A MN ROCHESTER BMPCDT 20060316AJH CP  
HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	978	68.5
lost to ATV IX only	1089	78.5
lost to all IX	1146	117.2

Potential Interfering Stations Included in above Scenario 1

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	1175	106.3
lost to ATV IX only	1286	116.2
lost to all IX	1343	155.0

Potential Interfering Stations Included in above Scenario      1

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.4	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.4	to BMPCDT	20060316AJH

Result key:            182  
 Scenario            2    Affected station            47  
 Before Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	978	68.5
lost to ATV IX only	1089	78.5
lost to all IX	1146	117.2

Potential Interfering Stations Included in above Scenario      2

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	1175	106.3
lost to ATV IX only	1286	116.2
lost to all IX	1343	155.0

Potential Interfering Stations Included in above Scenario      2

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.4	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.4	to BMPCDT	20060316AJH

Result key:            183  
 Scenario            3    Affected station            47  
 Before Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	900	58.6
lost to ATV IX only	1011	68.5
lost to all IX	1068	107.3

Potential Interfering Stations Included in above Scenario      3

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC



# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	1097	96.4
lost to ATV IX only	1208	106.3
lost to all IX	1265	145.0

Potential Interfering Stations Included in above Scenario      3

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.3	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.4	to BMPCDT	20060316AJH

Result key:            184  
 Scenario            4    Affected station            47  
 Before Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	900	58.6
lost to ATV IX only	1011	68.5
lost to all IX	1068	107.3

Potential Interfering Stations Included in above Scenario      4

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	1097	96.4
lost to ATV IX only	1208	106.3
lost to all IX	1265	145.0

Potential Interfering Stations Included in above Scenario      4

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.3	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.4	to BMPCDT	20060316AJH

Result key:            185  
 Scenario            5    Affected station            47  
 Before Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	978	65.6
lost to ATV IX only	1089	75.5
lost to all IX	1146	114.2

Potential Interfering Stations Included in above Scenario      5

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	1175	103.3
lost to ATV IX only	1286	113.2
lost to all IX	1343	152.0

Potential Interfering Stations Included in above Scenario      5

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.4	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.4	to BMPCDT	20060316AJH

Result key:            186  
 Scenario            6    Affected station            47  
 Before Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	978	65.6
lost to ATV IX only	1089	75.5
lost to all IX	1146	114.2

Potential Interfering Stations Included in above Scenario      6

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	1175	103.3
lost to ATV IX only	1286	113.2
lost to all IX	1343	152.0

Potential Interfering Stations Included in above Scenario      6

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.4	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.4	to BMPCDT	20060316AJH

Result key:            187  
 Scenario            7    Affected station            47  
 Before Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	900	55.6
lost to ATV IX only	1011	65.6
lost to all IX	1068	104.3

Potential Interfering Stations Included in above Scenario      7

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	1097	93.4
lost to ATV IX only	1208	103.3
lost to all IX	1265	142.0

Potential Interfering Stations Included in above Scenario      7

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.3	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.4	to BMPCDT	20060316AJH

Result key:            188  
 Scenario            8    Affected station            47  
 Before Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	900	55.6
lost to ATV IX only	1011	65.6
lost to all IX	1068	104.3

Potential Interfering Stations Included in above Scenario      8

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	168	48.7
lost to additional IX by ATV	1097	93.4
lost to ATV IX only	1208	103.3
lost to all IX	1265	142.0

Potential Interfering Stations Included in above Scenario      8

36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	DTVPLN	DTVP0974	PLN
35A MN MINNEAPOLIS	DTVPLN	DTVP0980	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.3	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.4	to BMPCDT	20060316AJH

Result key:            189  
 Scenario            9    Affected station            47  
 Before Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	1012	83.4
lost to additional IX by ATV	978	68.5
lost to ATV IX only	1089	78.5
lost to all IX	1990	152.0

Potential Interfering Stations Included in above Scenario      9

35N MN WINONA	BNPET	20010220AAT	APP
36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	1012	83.4
lost to additional IX by ATV	1175	106.3
lost to ATV IX only	1286	116.2
lost to all IX	2187	189.7

Potential Interfering Stations Included in above Scenario      9

35N MN WINONA	BNPET	20010220AAT	APP
36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.5	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.5	to BMPCDT	20060316AJH

Result key:            190  
 Scenario            10    Affected station            47  
 Before Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	1012	83.4
lost to additional IX by ATV	978	68.5
lost to ATV IX only	1089	78.5
lost to all IX	1990	152.0

Potential Interfering Stations Included in above Scenario      10

35N MN WINONA	BNPET	20010220AAT	APP
36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## After Analysis

Results for: 36A MN ROCHESTER                      BMPCDT      20060316AJH    CP  
 HAAT 328.0 m, ATV ERP 324.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	464733	25514.3
not affected by terrain losses	442052	25014.7
lost to NTSC IX	1012	83.4
lost to additional IX by ATV	1175	106.3
lost to ATV IX only	1286	116.2
lost to all IX	2187	189.7

Potential Interfering Stations Included in above Scenario      10

35N MN WINONA	BNPET	20010220AAT	APP
36N IA RED OAK	BLET	19860923KP	LIC
36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
36N WI MILWAUKEE	BLET	20050623ABQ	LIC
36N WI PARK FALLS	BMLET	20031211AAB	LIC
35A IA WATERLOO	BLEDT	20050218ABQ	LIC
35A MN MINNEAPOLIS	BLCDT	20010917ABZ	LIC
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
35A	USERRECORD01		APP
*Percent Service lost without proposal:	21.5	to BMPCDT	20060316AJH
*Percent Service lost with proposal:	21.5	to BMPCDT	20060316AJH

{Scenarios 11 through 56 have been removed; however, they show similar results for affected station 47. In no case is more than 0.4% of increased interference shown to Affected station 47 by the proposal.}

#####

## Analysis of Interference to Affected Station 48

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	NEW	ST. JAMES MN	BSFDTL	-20060630ASF

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	K35DC	ST. JAMES MN	0.3	LIC	BLTTL	-19970522JJ
36	KHIN	RED OAK IA	311.7	LIC	BLET	-19860923KP
36	KSAXDR	ALEXANDRIA MN	182.8	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	182.8	CP MOD	BMPCDT	-20020605AAX
36	WIRT-DT	HIBBING MN	385.5	PLN	DTVPLN	-DTVVP1020
36	WIRT	HIBBING MN	385.6	CP	BPCDT	-19991027ABC
36	NEW	JACKSON MN	64.4	APP	BSFDTL	-20060630BHI
36	KTTC	ROCHESTER MN	173.6	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	183.8	PLN	DTVPLN	-DTVVP1021
36	KWSD	SIOUX FALLS SD	172.1	LIC	BLCT	-20001108ABE
35	FROST35D		78.8	APP	USERRECORD-01	

Proposal causes no interference

#####



# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 49

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	K60FY	FROST MN	BDISTTL	-20060712AGE

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	KTTC	ROCHESTER MN	113.1	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	121.0	PLN	DTVPLN	-DTVP1021
38	KEYC-DT	MANKATO MN	55.0	PLN	DTVPLN	-DTVP1052
39	KFPX	NEWTON IA	205.1	LIC	BLCT	-19980903KF
39	KMEG-DT	SIOUX CITY IA	226.6	PLN	DTVPLN	-DTVP1087
39	KMEG	SIOUX CITY IA	216.7	CP	BPCDT	-19990415KE
39	WEAU-DT	EAU CLAIRE WI	265.4	PLN	DTVPLN	-DTVP1112
39	960220KF	MARSHFIELD WI	265.4	APP	BPCT	-19960220KF
40	K62FH	FROST MN	0.0	APP	BDISTTL	-20060912AEO
42	KIMT	MASON CITY IA	99.2	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	91.6	PLN	DTVPLN	-DTVP1190
46	KXLT-TV	ROCHESTER MN	113.1	CP MOD	BMPCDT	-20060615ABX
46	KXLT-DT	ROCHESTER MN	132.9	PLN	DTVPLN	-DTVP1331
35	FROST35D		0.0	APP	USERRECORD-01	

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 50

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	KWCM-DT	APPLETON MN	106.2	PLN	DTVPLN	-DTVP0827
36	KSAXDR	ALEXANDRIA MN	128.4	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	128.4	CP MOD	BMPCDT	-20020605AAX
38	KEYC-DT	MANKATO MN	81.6	PLN	DTVPLN	-DTVP1052
39	KFPX	NEWTON IA	335.8	LIC	BLCT	-19980903KF
39	KMEG-DT	SIOUX CITY IA	251.0	PLN	DTVPLN	-DTVP1087
39	KMEG	SIOUX CITY IA	240.9	CP	BPCDT	-19990415KE
39	K60FY	FROST MN	135.8	APP	BDISTTL	-20060712AGE
39	K69DP	GRANITE FALLS MN	55.9	APP	BDISTTL	-20060720ADB
39	K26DG	GRANITE FALLS MN	55.9	CP	BPTTL	-20020926ABX
39	K39FE	WILLMAR MN	68.3	LIC	BLTT	-20020212AAC
39	WEAU-DT	EAU CLAIRE WI	317.2	PLN	DTVPLN	-DTVP1112
39	960220KF	MARSHFIELD WI	317.2	APP	BPCT	-19960220KF
35	FROST35D		135.8	APP	USERRECORD-01	

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 51

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
42	K42AV	ST. JAMES MN	BLTTL	-19970507JP

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
38	KEYC-DT	MANKATO MN	24.2	PLN	DTVPLN	-DTVP1052
41	K41IZ	ST. JAMES MN	0.3	LIC	BLTTL	-20051006ABA
42	KIMT	MASON CITY IA	167.2	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	163.7	PLN	DTVPLN	-DTVP1190
42	KSAX	ALEXANDRIA MN	182.7	LIC	BLCT	-19870925KJ
42	KPTM	OMAHA NE	362.9	LIC	BLCT	-20051121AON
43	KRWF	REDWOOD FALLS MN	82.4	LIC	BLCT	-19870424KH
57	NEW	ST. JAMES MN	0.3	APP	BSFDTL	-20060630ASI
35	FROST35D		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 52

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	K43IX	SPENCER IA	BNPTT	-20000831BRS

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	KWSD	SIOUX FALLS SD	121.9	LIC	BLCT	-20001108ABE
39	KMEG-DT	SIOUX CITY IA	120.5	PLN	DTVPLN	-DTVP1087
39	KMEG	SIOUX CITY IA	110.3	CP	BPCDT	-19990415KE
40	NEW -DT	SIOUX FALLS SD	142.2	PLN	DTVPLN	-DTVP1140
41	KTIV	SIOUX CITY IA	110.3	CP	BPCDT	-19991101AIH
41	KTIV-DT	SIOUX CITY IA	111.0	PLN	DTVPLN	-DTVP1158
43	960508KE	DES MOINES IA	197.8	APP	BPET	-19960508KE
43	960709KT	DES MOINES IA	210.7	APP	BPET	-19960709KT
43	960222KG	DES MOINES IA	208.9	APP	BPET	-19960222KG
43	960715KG	DES MOINES IA	210.7	APP	BPET	-19960715KG
43	960930KF	DES MOINES IA	196.1	APP	BPET	-19960930KF
43	960724KM	DES MOINES IA	196.1	APP	BPET	-19960724KM
43	KFXB	DUBUQUE IA	375.0	CP	BPCDT	-19991028ACY
43	KFXB-DT	DUBUQUE IA	374.9	PLN	DTVPLN	-DTVP1224
43	K43JG	JACKSON MN	48.7	CP	BNPTTL	-20000831BSD

FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

43	KRWF	REDWOOD FALLS MN	148.1	LIC	BLCT	-19870424KH
43	KPTM-DT	OMAHA NE	250.8	PLN	DTVPLN	-DTVP1234
43	KPTM	OMAHA NE	250.8	APP	BMPCDT	-20040609AAB
43	KPTM	OMAHA NE	250.8	LIC	BLCDDT	-20051107AFO
44	KPTH	SIOUX CITY IA	110.3	LIC	BLCT	-19991105AAH
47	NEW -DT	SIOUX FALLS SD	120.6	PLN	DTVPLN	-DTVP1372
47	KDLT-TV	SIOUX FALLS SD	120.6	LIC	BLCDDT	-20050829AAT
51	KWSD	SIOUX FALLS SD	121.9	LIC	BLCDDT	-20060712ABB
51	KAUN-TV	SIOUX FALLS SD	121.9	LIC	BPRM	-20000728AAA
35	FROST35D		107.4	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 53

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	DK43DH	AUSTIN MN	BLTTL	-19920904ID

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	KTTC	ROCHESTER MN	49.9	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	58.4	PLN	DTVPLN	-DTVP1021
42	KIMT	MASON CITY IA	39.7	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	38.9	PLN	DTVPLN	-DTVP1190
43	960508KE	DES MOINES IA	208.2	APP	BPET	-19960508KE
43	960709KT	DES MOINES IA	222.2	APP	BPET	-19960709KT
43	960222KG	DES MOINES IA	220.8	APP	BPET	-19960222KG
43	960715KG	DES MOINES IA	222.2	APP	BPET	-19960715KG
43	960930KF	DES MOINES IA	206.9	APP	BPET	-19960930KF
43	960724KM	DES MOINES IA	206.9	APP	BPET	-19960724KM
43	KFXB	DUBUQUE IA	239.9	CP	BPCDT	-19991028ACY
43	KFXB-DT	DUBUQUE IA	239.9	PLN	DTVPLN	-DTVP1224
43	K43IX	SPENCER IA	168.4	CP	BNPTT	-20000831BRS
43	WDIO-DT	DULUTH MN	359.1	PLN	DTVPLN	-DTVP1230
43	K67HG	MINNEAPOLIS MN	149.0	CP MOD	BMPTTL	-20060330AKT
43	KRWF	REDWOOD FALLS MN	209.5	LIC	BLCT	-19870424KH
43	K43JK	ROCHESTER MN	64.7	CP	BNPTTL	-20000831BKU
43	KPTM-DT	OMAHA NE	381.2	PLN	DTVPLN	-DTVP1234
43	KPTM	OMAHA NE	381.3	APP	BMPCDT	-20040609AAB
43	KPTM	OMAHA NE	381.3	LIC	BLCDDT	-20051107AFO
43	WWSR-DT	MAYVILLE WI	373.0	PLN	DTVPLN	-DTVP1251
43	WWSR-TV	MAYVILLE WI	373.0	CP MOD	BMPCDT	-20041005ADD
44	NEW	AUSTIN MN	12.3	APP	BNPTTL	-20000829AEK
46	KXLT-TV	ROCHESTER MN	49.9	CP MOD	BMPCDT	-20060615ABX
46	KXLT-DT	ROCHESTER MN	75.0	PLN	DTVPLN	-DTVP1331
35	FROST35D		63.2	APP	USERRECORD-01	

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 54

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	K43JG	JACKSON MN	BNPTTL	-20000831BSD

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	KWSD	SIOUX FALLS SD	127.7	LIC	BLCT	-20001108ABE
40	NEW -DT	SIOUX FALLS SD	134.0	PLN	DTVPLN	-DTVP1140
42	NEW	JACKSON MN	0.0	APP	BSFDTL	-20060630BHK
43	960508KE	DES MOINES IA	230.4	APP	BPET	-19960508KE
43	960709KT	DES MOINES IA	244.3	APP	BPET	-19960709KT
43	960222KG	DES MOINES IA	242.4	APP	BPET	-19960222KG
43	960715KG	DES MOINES IA	244.3	APP	BPET	-19960715KG
43	960930KF	DES MOINES IA	228.7	APP	BPET	-19960930KF
43	960724KM	DES MOINES IA	228.7	APP	BPET	-19960724KM
43	KFXB	DUBUQUE IA	374.9	CP	BPCDT	-19991028ACY
43	KFXB-DT	DUBUQUE IA	374.9	PLN	DTVPLN	-DTVP1224
43	K43IX	SPENCER IA	48.7	CP	BNPTT	-20000831BRS
43	K43JE	LAKE CRYSTAL MN	83.2	CP	BNPTTL	-20000830BJV
43	KRWF	REDWOOD FALLS MN	105.7	LIC	BLCT	-19870424KH
43	KPTM-DT	OMAHA NE	299.1	PLN	DTVPLN	-DTVP1234
43	KPTM	OMAHA NE	299.2	APP	BMPCDT	-20040609AAB
43	KPTM	OMAHA NE	299.2	LIC	BLCDDT	-20051107AFO
44	NEW	JACKSON MN	0.0	APP	BSFDTL	-20060630BHH
47	NEW -DT	SIOUX FALLS SD	126.4	PLN	DTVPLN	-DTVP1372
47	KDLT-TV	SIOUX FALLS SD	126.4	LIC	BLCDDT	-20050829AAT
51	KWSD	SIOUX FALLS SD	127.7	LIC	BLCDDT	-20060712ABB
51	KAUN-TV	SIOUX FALLS SD	127.7	LIC	BPRM	-20000728AAA
58	K58AF	WINDOM MN	29.8	LIC	BLTT	-19870319JI
35	FROST35D		85.6	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 55

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	K43JE	LAKE CRYSTAL MN	BNPTTL	-20000830BJV

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KARE	MINNEAPOLIS MN	136.5	LIC	BLCDDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	136.5	PLN	DTVPLN	-DTVP0980
42	K42AV	ST. JAMES MN	29.4	LIC	BLTTL	-19970507JP
43	960508KE	DES MOINES IA	262.2	APP	BPET	-19960508KE
43	960709KT	DES MOINES IA	276.9	APP	BPET	-19960709KT
43	960222KG	DES MOINES IA	275.2	APP	BPET	-19960222KG
43	960715KG	DES MOINES IA	276.9	APP	BPET	-19960715KG
43	960930KF	DES MOINES IA	260.6	APP	BPET	-19960930KF
43	960724KM	DES MOINES IA	260.6	APP	BPET	-19960724KM
43	KFXB	DUBUQUE IA	341.4	CP	BPCDDT	-19991028ACY
43	KFXB-DT	DUBUQUE IA	341.4	PLN	DTVPLN	-DTVP1224
43	WDIO-DT	DULUTH MN	339.8	PLN	DTVPLN	-DTVP1230
43	K43JG	JACKSON MN	83.2	CP	BNPTTL	-20000831BSD
43	K67HG	MINNEAPOLIS MN	122.5	CP MOD	BMPTTL	-20060330AKT
43	KRWF	REDWOOD FALLS MN	108.5	LIC	BLCT	-19870424KH
43	KPTM-DT	OMAHA NE	375.2	PLN	DTVPLN	-DTVP1234
43	KPTM	OMAHA NE	375.3	APP	BMPCDDT	-20040609AAB
43	KPTM	OMAHA NE	375.3	LIC	BLCDDT	-20051107AFO
44	K44AD	ST. JAMES MN	29.4	LIC	BLTTL	-19970507JN
50	KSTP-DT	ST. PAUL MN	136.5	PLN	DTVPLN	-DTVP1450
35	FROST35D		63.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 56

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	K43JK	ROCHESTER MN	BNPTTL	-20000831BKU

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KARE	MINNEAPOLIS MN	138.9	LIC	BLCDDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	138.9	PLN	DTVPLN	-DTVP0980
36	KTTC	ROCHESTER MN	31.3	CP MOD	BMPCDDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	38.4	PLN	DTVPLN	-DTVP1021
39	WEAU-DT	EAU CLAIRE WI	143.9	PLN	DTVPLN	-DTVP1112
41	WKBT	LACROSSE WI	90.1	CP MOD	BMPCDDT	-20060526ADL
41	NEW	LACROSSE WI	90.1	LIC	BPRM	-20001013ADO
42	KIMT	MASON CITY IA	53.6	APP	BMPCDDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	68.3	PLN	DTVPLN	-DTVP1190

FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

43	960508KE	DES MOINES IA	254.3	APP	BPET	-19960508KE
43	960709KT	DES MOINES IA	267.1	APP	BPET	-19960709KT
43	960222KG	DES MOINES IA	266.0	APP	BPET	-19960222KG
43	960715KG	DES MOINES IA	267.1	APP	BPET	-19960715KG
43	960930KF	DES MOINES IA	253.2	APP	BPET	-19960930KF
43	960724KM	DES MOINES IA	253.2	APP	BPET	-19960724KM
43	KFXB	DUBUQUE IA	214.1	CP	BPCDT	-19991028ACY
43	KFXB-DT	DUBUQUE IA	214.1	PLN	DTVPLN	-DTVP1224
43	DK43DH	AUSTIN MN	64.7	LIC	BLTTL	-19920904ID
43	WDIO-DT	DULUTH MN	320.0	PLN	DTVPLN	-DTVP1230
43	K67HG	MINNEAPOLIS MN	135.1	CP MOD	BMPTTL	-20060330AKT
43	KRWF	REDWOOD FALLS MN	251.3	LIC	BLCT	-19870424KH
43	WWRB-DT	MAYVILLE WI	319.0	PLN	DTVPLN	-DTVP1251
43	WWRB-TV	MAYVILLE WI	319.0	CP MOD	BMPCDT	-20041005ADD
46	KXLT-TV	ROCHESTER MN	31.3	CP MOD	BMPCDT	-20060615ABX
46	KXLT-DT	ROCHESTER MN	14.5	PLN	DTVPLN	-DTVP1331
50	KSTP-DT	ST. PAUL MN	139.0	PLN	DTVPLN	-DTVP1450
58	K58GC	ROCHESTER MN	16.0	LIC	BLTTL	-20021104AAD
35	FROST35D		125.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

# Analysis of Interference to Affected Station 57

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	FROST35D		USERRECORD-01

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	NEW	FROST MN	0.0	APP	BSFDTL -20060630BLM
35	KHIN	RED OAK IA	271.8	LIC	BLEDT -20051116AED
35	KHIN-DT	RED OAK IA	271.8	PLN	DTVPLN -DTVP0973
35	NEW	STORM LAKE IA	143.4	APP	BSFDTL -20060630BYU
35	KRIN	WATERLOO IA	219.7	LIC	BLEDT -20050218ABQ
35	KRIN-DT	WATERLOO IA	219.7	PLN	DTVPLN -DTVP0974
35	KARE	MINNEAPOLIS MN	175.7	LIC	BLCDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	175.7	PLN	DTVPLN -DTVP0980
35	K35DC	ST. JAMES MN	79.0	LIC	BLTTL -19970522JJ
35	NEW	WINONA MN	181.8	APP	BNPET -20010220AAT
35	NEW	WINONA MN	181.8	APP	BNPET -20010220AAT
35	960725KX	WINONA MN	184.2	APP	BPET -19960725KX
35	NEW	WINONA MN	195.1	APP	BNPET -20010220AAU
35	NEW	WINONA MN	188.3	APP	BNPET -20010220AAV
36	K36FI	FROST MN	0.0	LIC	BLTTL -20020426AAV
36	KTTC	ROCHESTER MN	113.1	CP MOD	BMPCDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	121.0	PLN	DTVPLN -DTVP1021

Total scenarios = 1

# FIGURE 1—OET-69 STUDY FOR FROST, MN 35D DIGITAL COMPANION CHANNEL

Result key: 237  
 Scenario 1 Affected station 57  
 Before Analysis

Results for: 35A USERRECORD01 APP

HAAT 87.0 m, ATV ERP 15.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	42294	5343.4
not affected by terrain losses	42294	5343.4
lost to NTSC IX	2	1.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	2	1.0

Potential Interfering Stations Included in above Scenario 1

35N MN ST. JAMES BLTTL 19970522JJ LIC  
 \*Percent Service lost without proposal: 0.0 to USERRECORD01  
 \*Percent Service lost with proposal: 0.0 to USERRECORD01

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