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**ENGINEERING REPORT**

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Jackson, MN LPTV Companion Channel Application

**EXHIBIT 11**

**LPTV DIGITAL PROPOSAL-- INTERFERENCE STUDIES**

Market: Jackson, MN

Applicant: Federated Rural Electric Association ("Applicant")

Associated LPTV: K51EN

Proposed Digital Channel: 36 (as a digital companion channel)

1. By this application, Applicant proposes a digital LPTV companion channel for K51EN, Jackson, MN. The companion digital channel will operate at the K51EN 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 JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 10-11-2006 Time: 02:15:37

Record Selected for Analysis

JACK36D USERRECORD-01 US  
Channel 36 ERP 1.5 kW HAAT 101. m RCAMSL 00536 m STRINGENT MASK  
Latitude 043-36-12 Longitude 0094-59-33  
Status APP Zone 2 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

1990 Census data selected

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	1.500	99.9	31.1
45.0	1.500	112.1	32.3
90.0	1.500	117.4	32.8
135.0	1.500	115.2	32.6
180.0	1.500	99.1	31.1
225.0	1.500	98.5	31.0
270.0	1.500	87.3	29.6
315.0	1.500	75.8	28.1

## 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 JACKSON, MN 36D DIGITAL COMPANION CHANNEL

Start of Interference Analysis

Channel	Proposed Station	Call	City/State	ARN
36	JACK36D			USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KTIN	FORT DODGE IA	99.2	LIC	BLET	-19860923KN
21	KTIN	FORT DODGE IA	99.2	APP	BPET	-20060911AAH
21	K18DI	GRANITE FALLS MN	141.5	CP	BPTTL	-20020926ABW
21	K21DG	ST. JAMES MN	64.3	LIC	BLTTL	-19970507JR
22	K22DO	GRANITE FALLS MN	141.5	LIC	BLTTL	-19910227KB
22	K22AE	NEW ULM MN	86.2	LIC	BLTT	-19830228IC
22	K22HJ	WORTHINGTON MN	56.1	LIC	BLTT	-20040730AGU
28	K28AE	FAIRMONT MN	40.1	LIC	BLTTL	-19831014IA
28	K67AN	GRANITE FALLS MN	141.5	APP	BDISTTL	-20060720ADC
28	K28IO	MANKATO MN	83.2	CP	BNPTTL	-20000831CHQ
32	K32DR	GRANITE FALLS MN	141.5	LIC	BLTTL	-19940517JE
32	K32GX-D	ST. JAMES MN	64.4	LIC	BLDTL	-20051201ATW
33	K33AB	SIBLEY, ETC. IA	59.1	CP	BPTT	-20060322ACK
33	K33AB	SIBLEY, ETC. IA	59.1	LIC	BLTT	-19790731IA
33	K32DR	GRANITE FALLS MN	141.5	CP	BPTTL	-20020926ABV
35	NEW	STORM LAKE IA	103.8	APP	BSFDTL	-20060630BYU
35	NEW	FROST MN	85.6	APP	BSFDTL	-20060630BLO
35	K35DK	GRANITE FALLS MN	141.5	LIC	BLTTL	-19930217IP
35	K57IX	JACKSON MN	0.0	APP	BDISTTL	-20060720ACV
35	K35DC	ST. JAMES MN	64.3	LIC	BLTTL	-19970522JJ
35	NEW	ST. PAUL MN	205.0	APP	BSFDTL	-20060630CUU
35	K35GR	BADGER SD	204.6	CP	BDFCDTT	-20060331AZR
35	K35GR	BADGER SD	204.6	LIC	BLTT	-20030610AAT
36	NEW	DES MOINES IA	238.0	APP	BSFDTL	-20060630BKR
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	K36FI	FROST MN	85.6	LIC	BLTTL	-20020426AAV
36	KTTC	ROCHESTER MN	198.5	CP MOD	BMPCDT	-20060316AJH
36	NEW	ST. JAMES MN	64.4	APP	BSFDTL	-20060630ASF
36	KCAZ-LP	COLUMBUS NE	320.1	CP	BPTTL	-20040910AAC
36	KCAZ-LP	COLUMBUS NE	320.1	CP	BDFCDTL	-20060331ADQ
36	NEW	SOUTH SIOUX CITY NE	171.1	APP	BNPTTL	-20000831ASH
36	KWSD	SIOUX FALLS SD	127.7	LIC	BLCT	-20001108ABE
39	K60FY	FROST MN	85.6	APP	BDISTTL	-20060712AGE
39	K69DP	GRANITE FALLS MN	141.5	APP	BDISTTL	-20060720ADB
39	K26DG	GRANITE FALLS MN	141.5	CP	BPTTL	-20020926ABX
39	K39CH	REDWOOD FALLS MN	105.7	LIC	BLTTL	-19890831IG
40	K40CO	STORM LAKE IA	103.9	LIC	BLTTL	-20040310AAG
40	K54HA	ALBERT LEA MN	131.1	APP	BDISTT	-20060823AAQ
40	K54HA	ALBERT LEA MN	131.1	APP	BDISTT	-20060703AAX
40	K62FH	FROST MN	85.6	APP	BDISTTL	-20060912AEO
40	K40BU	ST. JAMES MN	64.3	LIC	BLTTL	-19951120JZ
43	K43IX	SPENCER IA	48.7	CP	BNPTT	-20000831BRS
43	K43JG	JACKSON MN	0.0	CP	BNPTTL	-20000831BSD
43	K43JE	LAKE CRYSTAL MN	83.2	CP	BNPTTL	-20000830BJV
43	KRWF	REDWOOD FALLS MN	105.7	LIC	BLCT	-19870424KH

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

44	K44HE	GENEVA MN	138.6	CP MOD	BMPTTL	-20050303ACT
44	K44HE	GENEVA MN	138.6	CP	BNPTTL	-20000830BJP
44	K44AD	ST. JAMES MN	64.3	LIC	BLTTL	-19970507JN
44	KCWS-LP	SIOUX FALLS SD	141.2	LIC	BLTTL	-19901218JK

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## Analysis of Interference to Affected Station 1

### NTSC Baseline Analysis

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

### Stations Potentially Affecting This Station

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

Results for: 21N IA FORT DODGE	DTVPLN	NPLN1105	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	210686	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	

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
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

FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

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
36	JACK36D		99.2	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
36	JACK36D		99.2	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 3

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K18DI	GRANITE FALLS MN	BPTTL	-20020926ABW

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
14	KSAX-DT	ALEXANDRIA MN	104.4	PLN	DTVPLN	-DTVP0135

FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

18	KESD-DT	BROOKINGS SD	140.5	PLN	DTVPLN	-DTVP0324
20	KSMN	WORTHINGTON MN	104.9	LIC	BLET	-19970224KH
21	KTIN	FORT DODGE IA	239.9	LIC	BLET	-19860923KN
21	KTIN	FORT DODGE IA	239.9	APP	BPET	-20060911AAH
21	K21AK	APPLETON MN	53.0	LIC	BLTTL	-19980909JB
21	KQDS-TV	DULUTH MN	347.6	LIC	BLCT	-20000320AAX
21	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL	-20060630BXD
21	WFTC	MINNEAPOLIS MN	195.3	LIC	BLCDDT	-20011009ADF
21	WFTC-DT	MINNEAPOLIS MN	195.3	PLN	DTVPLN	-DTVP0443
21	K21DG	ST. JAMES MN	109.8	LIC	BLTTL	-19970507JR
21	WDAY-DT	FARGO ND	275.4	PLN	DTVPLN	-DTVP0447
21	KTSD-DT	PIERRE SD	332.5	PLN	DTVPLN	-DTVP0456
22	K22DO	GRANITE FALLS MN	0.0	LIC	BLTTL	-19910227KB
24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN	-DTVP0572
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDDT	-20020605AAX
36	JACK36D		141.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 4

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	K21DG	ST. JAMES MN	BLTTL	-19970507JR

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
20	KSMN	WORTHINGTON MN	110.3	LIC	BLET	-19970224KH
21	KTIN	FORT DODGE IA	144.2	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
36	JACK36D		64.3	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 5

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	K22DO	GRANITE FALLS MN	BLTTL -19910227KB

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
14	KSAX-DT	ALEXANDRIA MN	104.4	PLN	DTVPLN -DTVP0135
15	KSMN	WORTHINGTON MN	104.9	LIC	BLEDT -20051219AGX
15	KSMN-DT	WORTHINGTON MN	104.9	PLN	DTVPLN -DTVP0173
18	KESD-DT	BROOKINGS SD	140.5	PLN	DTVPLN -DTVP0324
21	K18DI	GRANITE FALLS MN	0.0	CP	BPTTL -20020926ABW
21	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL -20060630BXD
22	KWWF	WATERLOO IA	391.3	CP MOD	BPCT -20030505AAA
22	KAWB	BRAINERD MN	199.7	LIC	BLET -19880304KG
22	WUCW	MINNEAPOLIS MN	194.2	CP	BPCDT -19991027ADG
22	KLGT-DT	MINNEAPOLIS MN	195.3	PLN	DTVPLN -DTVP0488
22	K22AE	NEW ULM MN	109.0	LIC	BLTT -19830228IC
22	WOWT-DT	OMAHA NE	390.0	PLN	DTVPLN -DTVP0495
22	KTTM-DT	HURON SD	227.4	PLN	DTVPLN -DTVP0503
23	K63AU	GRANITE FALLS MN	0.0	APP	BDISTTL -20060720ADF
24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN -DTVP0572
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM -20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT -20020605AAX
36	JACK36D		141.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 6

## Analysis of current record

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

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
15	KSMQ-TV	AUSTIN MN	131.7	LIC	BMLET -20041214ADY
15	KSMN	WORTHINGTON MN	127.8	LIC	BLEDT -20051219AGX
15	KSMN-DT	WORTHINGTON MN	127.8	PLN	DTVPLN -DTVP0173
20	KSMQ-DT	AUSTIN MN	131.7	PLN	DTVPLN -DTVP0402
22	KWWF	WATERLOO IA	284.0	CP MOD	BPCT -20030505AAA
22	KAWB	BRAINERD MN	239.8	LIC	BLET -19880304KG
22	NEW	FROST MN	85.6	APP	BSFDTL -20060630ASQ
22	K22DO	GRANITE FALLS MN	109.0	LIC	BLTTL -19910227KB
22	WUCW	MINNEAPOLIS MN	135.2	CP	BPCDT -19991027ADG
22	KLGT-DT	MINNEAPOLIS MN	135.8	PLN	DTVPLN -DTVP0488
22	K22HJ	WORTHINGTON MN	123.8	LIC	BLTT -20040730AGU
22	WOWT-DT	OMAHA NE	353.2	PLN	DTVPLN -DTVP0495
22	KTTM-DT	HURON SD	309.6	PLN	DTVPLN -DTVP0503
26	KMSP-DT	MINNEAPOLIS MN	135.8	PLN	DTVPLN -DTVP0641
36	JACK36D		86.2	APP	USERRECORD-01

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

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.
22	K22HJ	WORTHINGTON MN	BLTT	-20040730AGU

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	KSMN	WORTHINGTON MN	37.5	LIC	BLEDT	-20051219AGX
15	KSMN-DT	WORTHINGTON MN	37.5	PLN	DTVPLN	-DTVP0173
22	KWWF	WATERLOO IA	327.5	CP MOD	BPCT	-20030505AAA
22	KAWB	BRAINERD MN	326.4	LIC	BLET	-19880304KG
22	WUCW	MINNEAPOLIS MN	258.6	CP	BPCDT	-19991027ADG
22	KLGT-DT	MINNEAPOLIS MN	259.3	PLN	DTVPLN	-DTVP0488
22	K22AE	NEW ULM MN	123.8	LIC	BLTT	-19830228IC
22	WOWT-DT	OMAHA NE	257.8	PLN	DTVPLN	-DTVP0495
22	KTTM-DT	HURON SD	220.1	PLN	DTVPLN	-DTVP0503
23	KCSD-TV	SIOUX FALLS SD	77.9	CP MOD	BMPET	-20031222ABL
24	KCSD-TV	SIOUX FALLS SD	77.9	LIC	BLEDT	-20040112ACM
24	KCSD-DT	SIOUX FALLS SD	85.3	PLN	DTVPLN	-DTVP0583
25	KTIN	FORT DODGE IA	136.4	CP	BPEDT	-20000427ACH
25	KTIN-DT	FORT DODGE IA	136.4	PLN	DTVPLN	-DTVP0600
25	KTIN	FORT DODGE IA	136.4	APP	BMPEDT	-20060911AAJ
26	KDLT-DT	MITCHELL SD	135.5	PLN	DTVPLN	-DTVP0652
29	KSFY-DT	SIOUX FALLS SD	69.0	PLN	DTVPLN	-DTVP0765
30	KCAU-TV	SIOUX CITY IA	122.4	CP MOD	BMPCDT	-20000428ABE
30	KCAU-DT	SIOUX CITY IA	122.7	PLN	DTVPLN	-DTVP0784
36	KWSD	SIOUX FALLS SD	72.2	LIC	BLCT	-20001108ABE
36	JACK36D		56.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 8

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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



FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

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
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
36	JACK36D		40.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 9

#### Analysis of current record

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

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN	-DTVP0572
27	KRWF-DT	REDWOOD FALLS MN	36.3	PLN	DTVPLN	-DTVP0674
27	KRWF	REDWOOD FALLS MN	36.3	CP MOD	BMPCDT	-20010518AAO
28	KSIN-DT	SIOUX CITY IA	261.1	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	261.1	LIC	BLEDT	-20050726AMC
28	KAWB-DT	BRAINERD MN	199.7	PLN	DTVPLN	-DTVP0715
28	K28IF	WILLMAR MN	58.3	LIC	BLTTL	-20051130AFL
28	KABY-DT	ABERDEEN SD	184.9	PLN	DTVPLN	-DTVP0726
28	WHWC-TV	MENOMONIE WI	293.7	LIC	BMLET	-20021118ACH
29	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL	-20060630BXE
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN	-DTVP0827
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT	-20020605AAX
42	KSAX	ALEXANDRIA MN	104.4	LIC	BLCT	-19870925KJ
43	KRWF	REDWOOD FALLS MN	36.3	LIC	BLCT	-19870424KH
36	JACK36D		141.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 10

### 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	BMPCDDT	-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	BLTTTL	-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	BMPCDDT	-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
36	JACK36D		83.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 11

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
24	KCCO-DT	ALEXANDRIA MN	103.7	PLN	DTVPLN	-DTVP0572
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN	-DTVP0827
32	WCCO-DT	MINNEAPOLIS MN	194.2	PLN	DTVPLN	-DTVP0868
32	KBRR	THIEF RIVER FALLS MN	362.7	CP	BPCDDT	-19991028AAV

FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

32	KBRR	THIEF RIVER FALLS MN	362.7	LIC	BPRM	-20000328ABU
32	KELO-DT	SIOUX FALLS SD	161.9	PLN	DTVPLN	-DTVP0881
33	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL	-20060630BXG
33	K32DR	GRANITE FALLS MN	0.0	CP	BPTTL	-20020926ABV
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT	-20020605AAX
40	NEW -DT	SIOUX FALLS SD	133.2	PLN	DTVPLN	-DTVP1140
47	K47EA	GRANITE FALLS MN	0.0	LIC	BLTTL	-19930917JD
36	JACK36D		141.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 12

##### 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
36	JACK36D		64.4	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 13

##### 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

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

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
36	JACK36D		59.1	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 14

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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
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
36	JACK36D		59.1	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 15

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
33	K32DR	GRANITE FALLS MN	BPTTL -20020926ABV

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN -DTVP0827
32	K32DR	GRANITE FALLS MN	0.0	LIC	BLTTL -19940517JE
33	K33CR	APPLETON MN	53.0	LIC	BLTTL -19890815II
33	KAAL-DT	AUSTIN MN	233.4	PLN	DTVPLN -DTVP0905
33	KDLH-DT	DULUTH MN	346.8	PLN	DTVPLN -DTVP0906
33	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL -20060630BXG
34	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL -20060630BXH
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM -20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT -20020605AAX
40	NEW -DT	SIOUX FALLS SD	133.2	PLN	DTVPLN -DTVP1140
48	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL -20060630BXN
36	JACK36D		141.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 16

## 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	NEW	FROST MN	143.4	APP	BSFDTL -20060630BLO
35	KARE	MINNEAPOLIS MN	311.5	LIC	BLCDT -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
36	JACK36D		103.8	APP	USERRECORD-01

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 17

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	NEW	FROST MN	BSFDTL -20060630BLO

## 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	BLCDDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	175.7	PLN	DTVPLN -DTVP0980
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	BMPCDDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	121.0	PLN	DTVPLN -DTVP1021
36	JACK36D		85.6	APP	USERRECORD-01

Proposal causes no interference

#####

## Analysis of Interference to Affected Station 18

## 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	BSFDTL -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
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM -20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDDT -20020605AAX
38	KEYC-DT	MANKATO MN	133.9	PLN	DTVPLN -DTVP1052

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

50	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL	-20060630BXI
36	JACK36D		141.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 19

### 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	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
36	JACK36D		0.0	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1

Scenario 1 Affected station 19

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	0	0.0	
lost to all IX	0	0.0	

Potential Interfering Stations Included in above Scenario 1

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D 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	24	4.0	
lost to all IX	24	4.0	

Potential Interfering Stations Included in above Scenario 1

36A	USERRECORD01	APP	
*Percent new DTV interference without proposal:	0.0	BDISTTL	20060720ACV
*Percent new DTV interference with proposal:	0.5	BDISTTL	20060720ACV

Result key: 2  
 Scenario 2 Affected station 19  
 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
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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	USERRECORD01	APP	
*Percent new DTV interference without proposal:	100.0	BDISTTL	20060720ACV
*Percent new DTV interference with proposal:	100.0	BDISTTL	20060720ACV

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Analysis of Interference to Affected Station 20



# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## 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	BLEDL -20051116AED
35	KHIN-DT	RED OAK IA	311.8	PLN	DTVPLN -DTVP0973
35	KRIN	WATERLOO IA	298.2	LIC	BLEDL -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	BLCDD -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
36	JACK36D		64.3	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 21

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
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	BLEDL -20050218ABQ
35	KRIN-DT	WATERLOO IA	316.7	PLN	DTVPLN -DTVP0974
35	KARE	MINNEAPOLIS MN	14.2	LIC	BLCDD -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
36	JACK36D		205.0	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

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## Analysis of Interference to Affected Station 22

### 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
36	JACK36D		204.6	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 23

### 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	BMPCDDT	-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
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
36	JACK36D		204.6	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

## Analysis of Interference to Affected Station 24

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	NEW	DES MOINES IA	BSFDTL	-20060630BKR

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KHIN	RED OAK IA	129.8	LIC	BLEDT	-20051116AED
35	KHIN-DT	RED OAK IA	129.8	PLN	DTVPLN	-DTVP0973
36	KQIN	DAVENPORT IA	264.6	LIC	BLET	-19911230KE
36	KHIN	RED OAK IA	129.8	LIC	BLET	-19860923KP
36	KMCI	LAWRENCE KS	305.8	LIC	BLCDDT	-20030808AAO
36	KMCI-DT	LAWRENCE KS	330.4	PLN	DTVPLN	-DTVP1015
36	KTTC	ROCHESTER MN	241.8	CP MOD	BMPCDDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	238.1	PLN	DTVPLN	-DTVP1021
36	KOMU-TV	COLUMBIA MO	333.6	LIC	BLCDDT	-20020701ABI
36	KOMU-DT	COLUMBIA MO	333.6	PLN	DTVPLN	-DTVP1022
36	960920YX	JEFFERSON CITY MO	333.6	APP	BPET	-19960920YX
36	KWSD	SIOUX FALLS SD	308.1	LIC	BLCT	-20001108ABE
36	JACK36D		238.0	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 25

## 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

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	

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	KHIN	RED OAK IA	BLET -19860923KP

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KBIN-TV	COUNCIL BLUFFS IA	49.4	LIC	BLEDT -20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	49.4	PLN	DTVPLN -DTVP0900
35	KHIN	RED OAK IA	0.0	LIC	BLEDT -20051116AED
35	KHIN-DT	RED OAK IA	0.0	PLN	DTVPLN -DTVP0973
36	KQIN	DAVENPORT IA	390.3	LIC	BLET -19911230KE
36	KMCI	LAWRENCE KS	270.1	LIC	BLCDDT -20030808AAO
36	KMCI-DT	LAWRENCE KS	272.2	PLN	DTVPLN -DTVP1015
36	KTTC	ROCHESTER MN	339.5	CP MOD	BMPCDDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	339.2	PLN	DTVPLN -DTVP1021
36	KOMU-TV	COLUMBIA MO	373.1	LIC	BLCDDT -20020701ABI
36	KOMU-DT	COLUMBIA MO	373.1	PLN	DTVPLN -DTVP1022
36	960920YX	JEFFERSON CITY MO	373.1	APP	BPET -19960920YX
36	KHGI-DT	KEARNEY NE	312.4	PLN	DTVPLN -DTVP1026
36	KWSD	SIOUX FALLS SD	263.3	LIC	BLCT -20001108ABE
38	KXVO-DT	OMAHA NE	86.6	PLN	DTVPLN -DTVP1057
38	KXVO	OMAHA NE	86.6	CP MOD	BMPCDDT -20040618AAW
40	KUON-DT	LINCOLN NE	102.8	PLN	DTVPLN -DTVP1133
43	960508KE	DES MOINES IA	145.7	APP	BPET -19960508KE
43	960709KT	DES MOINES IA	143.6	APP	BPET -19960709KT
43	960222KG	DES MOINES IA	143.1	APP	BPET -19960222KG
43	960715KG	DES MOINES IA	143.6	APP	BPET -19960715KG
43	960930KF	DES MOINES IA	145.4	APP	BPET -19960930KF
43	960724KM	DES MOINES IA	145.4	APP	BPET -19960724KM
43	KPTM-DT	OMAHA NE	86.6	PLN	DTVPLN -DTVP1234
43	KPTM	OMAHA NE	86.6	APP	BMPCDDT -20040609AAB
43	KPTM	OMAHA NE	86.6	LIC	BLCDDT -20051107AFO
51	KCWL-TV	LINCOLN NE	131.0	CP MOD	BMPCT -20051108AHQ
36	JACK36D		252.0	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 26

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	KSAXDR	ALEXANDRIA MN	BPRM -20010423AFQ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	KARE	MINNEAPOLIS MN	174.1	LIC	BLCDDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	174.1	PLN	DTVPLN -DTVP0980
36	WIRT-DT	HIBBING MN	252.5	PLN	DTVPLN -DTVP1020
36	WIRT	HIBBING MN	252.6	CP	BPCDDT -19991027ABC
36	KTTC	ROCHESTER MN	310.0	CP MOD	BMPCDDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	321.3	PLN	DTVPLN -DTVP1021
36	KWSD	SIOUX FALLS SD	267.7	LIC	BLCT -20001108ABE

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

36	WLEF-TV	PARK FALLS WI	380.7	APP	BSTA	-20060609AAE
36	WLEF-TV	PARK FALLS WI	380.7	LIC	BMLET	-20031211AAB
36	JACK36D		233.5	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 27

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	KSAX	ALEXANDRIA MN	BMPCDT	-20020605AAX

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
35	KARE	MINNEAPOLIS MN	174.1	LIC	BLCDT	-20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	174.1	PLN	DTVPLN	-DTVP0980
36	WIRT-DT	HIBBING MN	252.5	PLN	DTVPLN	-DTVP1020
36	WIRT	HIBBING MN	252.6	CP	BPCDT	-19991027ABC
36	KTTC	ROCHESTER MN	310.0	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	321.3	PLN	DTVPLN	-DTVP1021
36	KWSD	SIOUX FALLS SD	267.7	LIC	BLCT	-20001108ABE
36	WLEF-TV	PARK FALLS WI	380.7	APP	BSTA	-20060609AAE
36	WLEF-TV	PARK FALLS WI	380.7	LIC	BMLET	-20031211AAB
36	JACK36D		233.5	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 28

### Analysis of current record

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

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	KAAL-DT	AUSTIN MN	62.6	PLN	DTVPLN	-DTVP0905
35	NEW	FROST MN	0.0	APP	BSFDTL	-20060630BLO
36	KQIN	DAVENPORT IA	356.8	LIC	BLET	-19911230KE
36	KHIN	RED OAK IA	271.8	LIC	BLET	-19860923KP
36	KSAXDR	ALEXANDRIA MN	254.8	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	254.8	CP MOD	BMPCDT	-20020605AAX
36	KTTC	ROCHESTER MN	113.1	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	121.0	PLN	DTVPLN	-DTVP1021
36	KWSD	SIOUX FALLS SD	213.1	LIC	BLCT	-20001108ABE
36	WLEF-TV	PARK FALLS WI	389.8	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
36	JACK36D		85.6	APP	USERRECORD-01	

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

Proposal causes no interference

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## Analysis of Interference to Affected Station 29

### 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	WMTV	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	KCRGT	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

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

lost to all IX 60881 4177.4

## 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
36	JACK36D		198.5	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 30

## 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 -DTVP1020
36	WIRT	HIBBING MN	385.6	CP	BPCDT -19991027ABC
36	KTTC	ROCHESTER MN	173.6	CP MOD	BMPCDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	183.8	PLN	DTVPLN -DTVP1021
36	KWSD	SIOUX FALLS SD	172.1	LIC	BLCT -20001108ABE
36	JACK36D		64.4	APP	USERRECORD-01

Total scenarios = 4

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

Result key: 3  
 Scenario 1 Affected station 30  
 Before Analysis

Results for: 36A MN ST. JAMES BSFDTL 20060630ASF APP  
 HAAT 1.0 m, ATV ERP 0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	40265	2966.7
not affected by terrain losses	40265	2966.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	215	15.8
lost to ATV IX only	215	15.8
lost to all IX	215	15.8

Potential Interfering Stations Included in above Scenario 1

36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 36A MN ST. JAMES BSFDTL 20060630ASF APP  
 HAAT 1.0 m, ATV ERP 0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	40265	2966.7
not affected by terrain losses	40265	2966.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	693	74.9
lost to ATV IX only	693	74.9
lost to all IX	693	74.9

Potential Interfering Stations Included in above Scenario 1

36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
36A	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BSFDTL	20060630ASF
*Percent Service lost with proposal:	1.2	to BSFDTL	20060630ASF

Result key: 4  
 Scenario 2 Affected station 30  
 Before Analysis

Results for: 36A MN ST. JAMES BSFDTL 20060630ASF APP  
 HAAT 1.0 m, ATV ERP 0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	40265	2966.7
not affected by terrain losses	40265	2966.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	215	15.8
lost to ATV IX only	215	15.8
lost to all IX	215	15.8

Potential Interfering Stations Included in above Scenario 2



# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 36A MN ST. JAMES                      BSFDTL      20060630ASF    APP

HAAT      1.0 m, ATV ERP      0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	40265	2966.7
not affected by terrain losses	40265	2966.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	693	74.9
lost to ATV IX only	693	74.9
lost to all IX	693	74.9

Potential Interfering Stations Included in above Scenario      2

36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
36A	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BSFDTL	20060630ASF
*Percent Service lost with proposal:	1.2	to BSFDTL	20060630ASF

Result key:                      5  
Scenario                      3    Affected station                      30  
Before Analysis

Results for: 36A MN ST. JAMES                      BSFDTL      20060630ASF    APP

HAAT      1.0 m, ATV ERP      0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	40265	2966.7
not affected by terrain losses	40265	2966.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	215	15.8
lost to ATV IX only	215	15.8
lost to all IX	215	15.8

Potential Interfering Stations Included in above Scenario      3

36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 36A MN ST. JAMES                      BSFDTL      20060630ASF    APP

HAAT      1.0 m, ATV ERP      0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	40265	2966.7
not affected by terrain losses	40265	2966.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	693	74.9
lost to ATV IX only	693	74.9
lost to all IX	693	74.9

Potential Interfering Stations Included in above Scenario      3

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
36A	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BSFDTL 20060630ASF
*Percent Service lost with proposal:		1.2	to BSFDTL 20060630ASF

Result key: 6  
 Scenario 4 Affected station 30  
 Before Analysis

Results for: 36A MN ST. JAMES BSFDTL 20060630ASF APP  
 HAAT 1.0 m, ATV ERP 0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	40265	2966.7
not affected by terrain losses	40265	2966.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	215	15.8
lost to ATV IX only	215	15.8
lost to all IX	215	15.8

Potential Interfering Stations Included in above Scenario 4

36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN

After Analysis

Results for: 36A MN ST. JAMES BSFDTL 20060630ASF APP  
 HAAT 1.0 m, ATV ERP 0.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	40265	2966.7
not affected by terrain losses	40265	2966.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	693	74.9
lost to ATV IX only	693	74.9
lost to all IX	693	74.9

Potential Interfering Stations Included in above Scenario 4

36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
36A	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BSFDTL 20060630ASF
*Percent Service lost with proposal:		1.2	to BSFDTL 20060630ASF

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Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	KCAZ-LP	COLUMBUS NE	BPTTL -20040910AAC

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KHNE-TV	HASTINGS NE	86.0	LIC	BLEDT	-20030409ABN
28	KHNE	HASTINGS NE	86.0	LIC	BPRM	-20000728AAH
29	KHNE-TV	HASTINGS NE	86.0	LIC	BMLET	-20020206ABQ
32	KGIN-DT	GRAND ISLAND NE	145.9	PLN	DTVPLN	-DTVP0871
33	KBIN-TV	COUNCIL BLUFFS IA	126.4	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	126.5	PLN	DTVPLN	-DTVP0900
34	KSNB-DT	SUPERIOR NE	143.9	PLN	DTVPLN	-DTVP0945
36	KHIN	RED OAK IA	174.7	LIC	BLET	-19860923KP
36	KMTW	HUTCHINSON KS	374.5	LIC	BLCT	-20010116AHT
36	KMCI	LAWRENCE KS	352.3	LIC	BLCDT	-20030808AAO
36	KMCI-DT	LAWRENCE KS	325.4	PLN	DTVPLN	-DTVP1015
36	KHGI-DT	KEARNEY NE	146.5	PLN	DTVPLN	-DTVP1026
36	NEW	SOUTH SIOUX CITY NE	150.5	APP	BNPTTL	-20000831ASH
36	KWSD	SIOUX FALLS SD	252.6	LIC	BLCT	-20001108ABE
38	KXVO-DT	OMAHA NE	97.5	PLN	DTVPLN	-DTVP1057
38	KXVO	OMAHA NE	97.5	CP MOD	BMPCDT	-20040618AAW
40	KUON-DT	LINCOLN NE	76.9	PLN	DTVPLN	-DTVP1133
43	KPTM-DT	OMAHA NE	97.5	PLN	DTVPLN	-DTVP1234
43	KPTM	OMAHA NE	97.4	APP	BMPCDT	-20040609AAB
43	KPTM	OMAHA NE	97.4	LIC	BLCDT	-20051107AFO
51	KCWL-TV	LINCOLN NE	75.5	CP MOD	BMPCT	-20051108AHQ
36	JACK36D		320.1	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.
36	KCAZ-LP	COLUMBUS NE	BDFCDTL	-20060331ADQ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	KHIN	RED OAK IA	174.7	LIC	BLET	-19860923KP
36	KMTW	HUTCHINSON KS	374.5	LIC	BLCT	-20010116AHT
36	KMCI	LAWRENCE KS	352.3	LIC	BLCDT	-20030808AAO
36	KMCI-DT	LAWRENCE KS	325.4	PLN	DTVPLN	-DTVP1015
36	KHGI-DT	KEARNEY NE	146.5	PLN	DTVPLN	-DTVP1026
36	KWSD	SIOUX FALLS SD	252.6	LIC	BLCT	-20001108ABE
36	JACK36D		320.1	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 33

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
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FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

36 NEW SOUTH SIOUX CITY NE BNPTTL -20000831ASH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KSIN-DT	SIOUX CITY IA	10.8	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	10.8	LIC	BLEDT	-20050726AMC
29	KSFY-DT	SIOUX FALLS SD	116.6	PLN	DTVPLN	-DTVP0765
32	KELO-DT	SIOUX FALLS SD	116.6	PLN	DTVPLN	-DTVP0881
33	KBIN-TV	COUNCIL BLUFFS IA	143.9	LIC	BLEDT	-20050711ABX
33	KBIN-DT	COUNCIL BLUFFS IA	143.9	PLN	DTVPLN	-DTVP0900
34	KUSD-DT	VERMILLION SD	70.7	PLN	DTVPLN	-DTVP0955
36	KHIN	RED OAK IA	158.2	LIC	BLET	-19860923KP
36	KSAXDR	ALEXANDRIA MN	372.2	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	372.2	CP MOD	BMPCDT	-20020605AAX
36	KTTC	ROCHESTER MN	342.0	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	346.8	PLN	DTVPLN	-DTVP1021
36	KCAZ-LP	COLUMBUS NE	150.5	CP	BPTTL	-20040910AAC
36	KHGI-DT	KEARNEY NE	286.4	PLN	DTVPLN	-DTVP1026
36	KWSD	SIOUX FALLS SD	115.4	LIC	BLCT	-20001108ABE
39	KMEG-DT	SIOUX CITY IA	10.8	PLN	DTVPLN	-DTVP1087
39	KMEG	SIOUX CITY IA	20.7	CP	BPCDT	-19990415KE
51	NEW	SIOUX CITY IA	7.5	APP	BNPTTL	-20000831EKT
51	K51GK	SIOUX CITY IA	9.8	LIC	BLTTA	-20010712ADU
51	KWSD	SIOUX FALLS SD	115.4	LIC	BLCDT	-20060712ABB
51	KAUN-TV	SIOUX FALLS SD	115.4	LIC	BPRM	-20000728AAA
36	JACK36D		171.1	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 34

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
36	NEW	SIOUX FALLS SD	DTVPLN	-NPLN1530

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	KSFY-DT	SIOUX FALLS SD	39.2	PLN	DTVPLN	-DTVP0765
32	KELO-DT	SIOUX FALLS SD	39.2	PLN	DTVPLN	-DTVP0881
34	KUSD-DT	VERMILLION SD	91.7	PLN	DTVPLN	-DTVP0955
36	KHIN	RED OAK IA	301.7	PLN	DTVPLN	-NPLN1518
36	KTTC-DT	ROCHESTER MN	338.5	PLN	DTVPLN	-DTVP1021
36	KHGI-DT	KEARNEY NE	401.6	PLN	DTVPLN	-DTVP1026
40	NEW -DT	SIOUX FALLS SD	0.0	PLN	DTVPLN	-DTVP1140
43	KRWF	REDWOOD FALLS MN	113.3	PLN	DTVPLN	-NPLN1642

Results for: 36N SD SIOUX FALLS	DTVPLN	NPLN1530	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	227701	15234.9	
not affected by terrain losses	227638	15211.1	
lost to NTSC IX	0	3.0	
lost to additional IX by ATV	1069	211.8	

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

lost to all IX 1069 214.8

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
36	KWSD	SIOUX FALLS SD	BLCT	-20001108ABE

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
28	KSIN-DT	SIOUX CITY IA	112.2	PLN	DTVPLN	-DTVP0706
28	KSIN-TV	SIOUX CITY IA	112.2	LIC	BLEDT	-20050726AMC
29	KSFY-DT	SIOUX FALLS SD	3.3	PLN	DTVPLN	-DTVP0765
32	KELO-DT	SIOUX FALLS SD	3.3	PLN	DTVPLN	-DTVP0881
34	KUSD-DT	VERMILLION SD	53.5	PLN	DTVPLN	-DTVP0955
36	KHIN	RED OAK IA	263.3	LIC	BLET	-19860923KP
36	KSAXDR	ALEXANDRIA MN	267.7	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	267.7	CP MOD	BMPCDT	-20020605AAX
36	KTTC	ROCHESTER MN	326.1	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	334.0	PLN	DTVPLN	-DTVP1021
36	KHGI-DT	KEARNEY NE	368.8	PLN	DTVPLN	-DTVP1026
39	KMEG-DT	SIOUX CITY IA	112.2	PLN	DTVPLN	-DTVP1087
39	KMEG	SIOUX CITY IA	106.0	CP	BPCDT	-19990415KE
40	NEW -DT	SIOUX FALLS SD	40.3	PLN	DTVPLN	-DTVP1140
43	KRWF	REDWOOD FALLS MN	139.0	LIC	BLCT	-19870424KH
44	KPTH	SIOUX CITY IA	106.0	LIC	BLCT	-19991105AAH
51	KWSD	SIOUX FALLS SD	0.0	LIC	BLCDDT	-20060712ABB
51	KAUN-TV	SIOUX FALLS SD	0.0	LIC	BPRM	-20000728AAA
36	JACK36D		127.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 7  
 Scenario 1 Affected station 34  
 Before Analysis

Results for: 36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	209367	13831.1	
not affected by terrain losses	209143	13807.2	
lost to NTSC IX	18	5.0	
lost to additional IX by ATV	4046	917.4	
lost to all IX	4064	922.3	

Potential Interfering Stations Included in above Scenario 1

36N IA RED OAK	BLET	19860923KP	LIC
34A SD VERMILLION	DTVPLN	DTVP0955	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
40A SD SIOUX FALLS	DTVPLN	DTVP1140	PLN

## After Analysis

Results for: 36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	209367	13831.1	

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

not affected by terrain losses	209143	13807.2
lost to NTSC IX	18	5.0
lost to additional IX by ATV	4116	941.2
lost to all IX	4134	946.2

Potential Interfering Stations Included in above Scenario 1

36N IA RED OAK	BLET	19860923KP	LIC
34A SD VERMILLION	DTVPLN	DTVP0955	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
40A SD SIOUX FALLS	DTVPLN	DTVP1140	PLN
36A	USERRECORD01		APP
*Percent new DTV interference without proposal:		1.9	BLCT 20001108ABE
*Percent new DTV interference with proposal:		2.0	BLCT 20001108ABE

Result key: 8  
 Scenario 2 Affected station 34  
 Before Analysis

Results for: 36N SD SIOUX FALLS BLCT 20001108ABE LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	209367	13831.1
not affected by terrain losses	209143	13807.2
lost to NTSC IX	18	5.0
lost to additional IX by ATV	4046	917.4
lost to all IX	4064	922.3

Potential Interfering Stations Included in above Scenario 2

36N IA RED OAK	BLET	19860923KP	LIC
34A SD VERMILLION	DTVPLN	DTVP0955	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
40A SD SIOUX FALLS	DTVPLN	DTVP1140	PLN

After Analysis

Results for: 36N SD SIOUX FALLS BLCT 20001108ABE LIC

	POPULATION	AREA (sq km)
within Noise Limited Contour	209367	13831.1
not affected by terrain losses	209143	13807.2
lost to NTSC IX	18	5.0
lost to additional IX by ATV	4116	941.2
lost to all IX	4134	946.2

Potential Interfering Stations Included in above Scenario 2

36N IA RED OAK	BLET	19860923KP	LIC
34A SD VERMILLION	DTVPLN	DTVP0955	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
40A SD SIOUX FALLS	DTVPLN	DTVP1140	PLN
36A	USERRECORD01		APP
*Percent new DTV interference without proposal:		1.9	BLCT 20001108ABE
*Percent new DTV interference with proposal:		2.0	BLCT 20001108ABE

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

Result key: 9  
 Scenario 3 Affected station 34  
 Before Analysis

Results for: 36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	209367	13831.1	
not affected by terrain losses	209143	13807.2	
lost to NTSC IX	18	5.0	
lost to additional IX by ATV	4046	917.4	
lost to all IX	4064	922.3	

Potential Interfering Stations Included in above Scenario 3

36N IA RED OAK	BLET	19860923KP	LIC
34A SD VERMILLION	DTVPLN	DTVP0955	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
40A SD SIOUX FALLS	DTVPLN	DTVP1140	PLN

After Analysis

Results for: 36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	209367	13831.1	
not affected by terrain losses	209143	13807.2	
lost to NTSC IX	18	5.0	
lost to additional IX by ATV	4116	941.2	
lost to all IX	4134	946.2	

Potential Interfering Stations Included in above Scenario 3

36N IA RED OAK	BLET	19860923KP	LIC
34A SD VERMILLION	DTVPLN	DTVP0955	PLN
36A MN ALEXANDRIA	BPRM	20010423AFQ	LIC
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
40A SD SIOUX FALLS	DTVPLN	DTVP1140	PLN
36A	USERRECORD01	APP	
*Percent new DTV interference without proposal:	1.9	BLCT	20001108ABE
*Percent new DTV interference with proposal:	2.0	BLCT	20001108ABE

Result key: 10  
 Scenario 4 Affected station 34  
 Before Analysis

Results for: 36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	209367	13831.1	
not affected by terrain losses	209143	13807.2	
lost to NTSC IX	18	5.0	
lost to additional IX by ATV	4046	917.4	
lost to all IX	4064	922.3	

Potential Interfering Stations Included in above Scenario 4

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

36N IA RED OAK	BLET	19860923KP	LIC
34A SD VERMILLION	DTVPLN	DTVP0955	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
40A SD SIOUX FALLS	DTVPLN	DTVP1140	PLN

## After Analysis

Results for: 36N SD SIOUX FALLS	BLCT	20001108ABE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	209367	13831.1	
not affected by terrain losses	209143	13807.2	
lost to NTSC IX	18	5.0	
lost to additional IX by ATV	4116	941.2	
lost to all IX	4134	946.2	

Potential Interfering Stations Included in above Scenario 4

36N IA RED OAK	BLET	19860923KP	LIC
34A SD VERMILLION	DTVPLN	DTVP0955	PLN
36A MN ALEXANDRIA	BMPCDT	20020605AAX	CP
36A MN ROCHESTER	DTVPLN	DTVP1021	PLN
40A SD SIOUX FALLS	DTVPLN	DTVP1140	PLN
36A	USERRECORD01	APP	
*Percent new DTV interference without proposal:	1.9	BLCT	20001108ABE
*Percent new DTV interference with proposal:	2.0	BLCT	20001108ABE

#####

## Analysis of Interference to Affected Station 35

### 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
36	JACK36D		85.6	APP	USERRECORD-01



# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 36

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	K69DP	GRANITE FALLS MN	BDISTTL -20060720ADB

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN -DTVP0827
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM -20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT -20020605AAX
38	KEYC-DT	MANKATO MN	133.9	PLN	DTVPLN -DTVP1052
39	KFPX	NEWTON IA	383.3	LIC	BLCT -19980903KF
39	KMEG-DT	SIOUX CITY IA	261.1	PLN	DTVPLN -DTVP1087
39	KMEG	SIOUX CITY IA	251.9	CP	BPCDT -19990415KE
39	K26DG	GRANITE FALLS MN	0.0	CP	BPTTL -20020926ABX
39	K39CH	REDWOOD FALLS MN	55.9	LIC	BLTTL -19890831IG
39	K39FE	WILLMAR MN	58.3	LIC	BLTT -20020212AAC
39	WEAU-DT	EAU CLAIRE WI	365.0	PLN	DTVPLN -DTVP1112
39	960220KF	MARSHFIELD WI	365.0	APP	BPCT -19960220KF
40	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL -20060630BXX
40	NEW -DT	SIOUX FALLS SD	133.2	PLN	DTVPLN -DTVP1140
54	K67AN	GRANITE FALLS MN	0.0	CP	BPTTL -20020926ABT
36	JACK36D		141.5	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 37

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	K26DG	GRANITE FALLS MN	BPTTL -20020926ABX

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	KWCM-DT	APPLETON MN	52.1	PLN	DTVPLN -DTVP0827
36	KSAXDR	ALEXANDRIA MN	104.4	LIC	BPRM -20010423AFQ
36	KSAX	ALEXANDRIA MN	104.4	CP MOD	BMPCDT -20020605AAX
38	KEYC-DT	MANKATO MN	133.9	PLN	DTVPLN -DTVP1052
39	KFPX	NEWTON IA	383.3	LIC	BLCT -19980903KF
39	KMEG-DT	SIOUX CITY IA	261.1	PLN	DTVPLN -DTVP1087
39	KMEG	SIOUX CITY IA	251.9	CP	BPCDT -19990415KE
39	K69DP	GRANITE FALLS MN	0.0	APP	BDISTTL -20060720ADB

FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

39	K39CH	REDWOOD FALLS MN	55.9	LIC	BLTTL	-19890831IG
39	K39FE	WILLMAR MN	58.3	LIC	BLTT	-20020212AAC
39	WEAU-DT	EAU CLAIRE WI	365.0	PLN	DTVPLN	-DTVP1112
39	960220KF	MARSHFIELD WI	365.0	APP	BPCT	-19960220KF
40	NEW	GRANITE FALLS MN	0.0	APP	BSFDTL	-20060630BXK
40	NEW -DT	SIOUX FALLS SD	133.2	PLN	DTVPLN	-DTVP1140
54	K67AN	GRANITE FALLS MN	0.0	CP	BPTTL	-20020926ABT
36	JACK36D		141.5	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 38

##### 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
36	JACK36D		105.7	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 39

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	K40CO	STORM LAKE IA	BLTTL -20040310AAG

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
39	KMEG-DT	SIOUX CITY IA	108.6	PLN	DTVPLN -DTVP1087

FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

39	KMEG	SIOUX CITY IA	100.9	CP	BPCDT	-19990415KE
40	NEW	AMES IA	128.3	APP	BSFDTL	-20060630CXM
40	KFXB	DUBUQUE IA	358.2	CP	BPCT	-20050830AAO
40	K54HA	ALBERT LEA MN	169.8	APP	BDISTT	-20060823AAQ
40	K54HA	ALBERT LEA MN	169.8	APP	BDISTT	-20060703AAX
40	K62FH	FROST MN	133.6	APP	BDISTTL	-20060912AEO
40	NEW	JACKSON MN	103.9	APP	BSFDTL	-20060630BHG
40	KPXM	ST. CLOUD MN	318.7	LIC	BLCDT	-20030903AAU
40	KXLI-DT	ST. CLOUD MN	318.7	PLN	DTVPLN	-DTVP1130
40	KUON-DT	LINCOLN NE	208.7	PLN	DTVPLN	-DTVP1133
40	NEW -DT	SIOUX FALLS SD	187.3	PLN	DTVPLN	-DTVP1140
41	KTIV	SIOUX CITY IA	100.9	CP	BPCDT	-19991101AIH
41	KTIV-DT	SIOUX CITY IA	101.8	PLN	DTVPLN	-DTVP1158
36	JACK36D		103.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 40

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	K54HA	ALBERT LEA MN	BDISTT	-20060823AAQ

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	KAAL-DT	AUSTIN MN	16.9	PLN	DTVPLN	-DTVP0905
36	KTTC	ROCHESTER MN	67.4	CP MOD	BMPCDT	-20060316AJH
36	KTTC-DT	ROCHESTER MN	75.7	PLN	DTVPLN	-DTVP1021
38	KEYC-DT	MANKATO MN	90.8	PLN	DTVPLN	-DTVP1052
40	KFXB	DUBUQUE IA	254.6	CP	BPCT	-20050830AAO
40	K40CO	STORM LAKE IA	169.8	LIC	BLTTL	-20040310AAG
40	K62FH	FROST MN	45.8	APP	BDISTTL	-20060912AEO
40	KPXM	ST. CLOUD MN	197.0	LIC	BLCDT	-20030903AAU
40	KXLI-DT	ST. CLOUD MN	197.0	PLN	DTVPLN	-DTVP1130
40	K40BU	ST. JAMES MN	112.4	LIC	BLTTL	-19951120JZ
40	K57CN	WABASHA MN	131.7	CP	BPTTL	-20040512AAQ
40	KUON-DT	LINCOLN NE	375.4	PLN	DTVPLN	-DTVP1133
40	NEW -DT	SIOUX FALLS SD	262.9	PLN	DTVPLN	-DTVP1140
40	WSAW-DT	WAUSAU WI	325.6	PLN	DTVPLN	-DTVP1147
42	KIMT	MASON CITY IA	55.5	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	51.3	PLN	DTVPLN	-DTVP1190
55	DK55FJ	AUSTIN MN	17.5	LIC	BLTTL	-19920313JJ
36	JACK36D		131.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 41

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	K54HA	ALBERT LEA MN	BDISTT -20060703AAX

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KAAL-DT	AUSTIN MN	16.9	PLN	DTVPLN -DTVP0905
36	KTTC	ROCHESTER MN	67.4	CP MOD	BMPCDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	75.7	PLN	DTVPLN -DTVP1021
38	KEYC-DT	MANKATO MN	90.8	PLN	DTVPLN -DTVP1052
40	KFXB	DUBUQUE IA	254.6	CP	BPCT -20050830AAO
40	K40CO	STORM LAKE IA	169.8	LIC	BLTTL -20040310AAG
40	K62FH	FROST MN	45.8	APP	BDISTTL -20060912AEO
40	KPXM	ST. CLOUD MN	197.0	LIC	BLCDDT -20030903AAU
40	KXLI-DT	ST. CLOUD MN	197.0	PLN	DTVPLN -DTVP1130
40	K40BU	ST. JAMES MN	112.4	LIC	BLTTL -19951120JZ
40	KUON-DT	LINCOLN NE	375.4	PLN	DTVPLN -DTVP1133
40	NEW -DT	SIOUX FALLS SD	262.9	PLN	DTVPLN -DTVP1140
40	WSAW-DT	WAUSAU WI	325.6	PLN	DTVPLN -DTVP1147
42	KIMT	MASON CITY IA	55.5	APP	BMPCDT -20060509AAH
42	KIMT-DT	MASON CITY IA	51.3	PLN	DTVPLN -DTVP1190
55	DK55FJ	AUSTIN MN	17.5	LIC	BLTTL -19920313JJ
36	JACK36D		131.1	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 42

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	K62FH	FROST MN	BDISTTL -20060912AEO

## 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	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	K60FY	FROST MN	0.0	APP	BDISTTL -20060712AGE
40	KFXB	DUBUQUE IA	293.8	CP	BPCT -20050830AAO
40	K40CO	STORM LAKE IA	133.6	LIC	BLTTL -20040310AAG
40	K54HA	ALBERT LEA MN	45.8	APP	BDISTT -20060823AAQ
40	K54HA	ALBERT LEA MN	45.8	APP	BDISTT -20060703AAX
40	KPXM	ST. CLOUD MN	200.6	LIC	BLCDDT -20030903AAU
40	KXLI-DT	ST. CLOUD MN	200.6	PLN	DTVPLN -DTVP1130
40	K40BU	ST. JAMES MN	79.0	LIC	BLTTL -19951120JZ
40	KUON-DT	LINCOLN NE	342.1	PLN	DTVPLN -DTVP1133
40	NEW -DT	SIOUX FALLS SD	218.4	PLN	DTVPLN -DTVP1140

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

40	WSAW-DT	WAUSAU WI	368.5	PLN	DTVPLN	-DTVP1147
42	KIMT	MASON CITY IA	99.2	APP	BMPCDT	-20060509AAH
42	KIMT-DT	MASON CITY IA	91.6	PLN	DTVPLN	-DTVP1190
36	JACK36D		85.6	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 43

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	K40BU	ST. JAMES MN	BLTTL -19951120JZ

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
33	KAAL-DT	AUSTIN MN	127.5	PLN	DTVPLN -DTVP0905
38	KEYC-DT	MANKATO MN	24.2	PLN	DTVPLN -DTVP1052
40	KFXB	DUBUQUE IA	367.0	CP	BPCT -20050830AAO
40	K40CO	STORM LAKE IA	163.1	LIC	BLTTL -20040310AAG
40	K54HA	ALBERT LEA MN	112.4	APP	BDISTT -20060823AAQ
40	K54HA	ALBERT LEA MN	112.4	APP	BDISTT -20060703AAX
40	K62FH	FROST MN	79.0	APP	BDISTTTL -20060912AEO
40	NEW	GRANITE FALLS MN	109.8	APP	BSFDTL -20060630BXX
40	NEW	JACKSON MN	64.3	APP	BSFDTL -20060630BHG
40	KPXM	ST. CLOUD MN	158.2	LIC	BLCDT -20030903AAU
40	KXLI-DT	ST. CLOUD MN	158.2	PLN	DTVPLN -DTVP1130
40	KUON-DT	LINCOLN NE	363.3	PLN	DTVPLN -DTVP1133
40	K40FZ	BROOKINGS SD	174.7	LIC	BLTTL -20020903ABX
40	NEW -DT	SIOUX FALLS SD	163.9	PLN	DTVPLN -DTVP1140
41	K41IZ	ST. JAMES MN	0.3	LIC	BLTTL -20051006ABA
55	NEW	ST. JAMES MN	0.3	APP	BSFDTL -20060630ASH
36	JACK36D		64.3	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 44

### 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

FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

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
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	BLCDT	-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	BLCDT	-20050829AAT
51	KWSD	SIOUX FALLS SD	121.9	LIC	BLCDT	-20060712ABB
51	KAUN-TV	SIOUX FALLS SD	121.9	LIC	BPRM	-20000728AAA
36	JACK36D		48.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 45

#### 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	BLCDT -20051107AFO

FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

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	BLCDT	-20050829AAT
51	KWSD	SIOUX FALLS SD	127.7	LIC	BLCDT	-20060712ABB
51	KAUN-TV	SIOUX FALLS SD	127.7	LIC	BPRM	-20000728AAA
58	K58AF	WINDOM MN	29.8	LIC	BLTT	-19870319JI
36	JACK36D		0.0	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 46

##### 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	BLCDT -20010917ABZ
35	KARE-DT	MINNEAPOLIS MN	136.5	PLN	DTVPLN -DTVP0980
42	K42AV	ST. JAMES MN	29.4	LIC	BLTTTL -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	BPCDT -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	BMPCDT -20040609AAB
43	KPTM	OMAHA NE	375.3	LIC	BLCDT -20051107AFO
44	K44AD	ST. JAMES MN	29.4	LIC	BLTTTL -19970507JN
50	KSTP-DT	ST. PAUL MN	136.5	PLN	DTVPLN -DTVP1450
36	JACK36D		83.2	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 47

##### NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
43	KRWF	REDWOOD FALLS MN	DTVPLN -NPLN1642

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	NEW	SIOUX FALLS SD	113.3	PLN	DTVPLN	-NPLN1530
40	NEW -DT	SIOUX FALLS SD	113.3	PLN	DTVPLN	-DTVP1140
42	KSAX	ALEXANDRIA MN	137.3	PLN	DTVPLN	-NPLN1622
43	NEW	DES MOINES IA	347.6	PLN	DTVPLN	-NPLN1638
43	WDIO-DT	DULUTH MN	366.1	PLN	DTVPLN	-DTVP1230
43	KPTM-DT	OMAHA NE	384.1	PLN	DTVPLN	-DTVP1234
44	KVBM-DT	MINNEAPOLIS MN	196.4	PLN	DTVPLN	-DTVP1271
46	NEW	SIOUX FALLS SD	138.2	PLN	DTVPLN	-NPLN1709
47	NEW -DT	SIOUX FALLS SD	138.2	PLN	DTVPLN	-DTVP1372

Results for: 43N MN REDWOOD FALLS	DTVPLN	NPLN1642	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	74071	8239.3	
not affected by terrain losses	74071	8235.4	
lost to NTSC IX	77	34.2	
lost to additional IX by ATV	0	0.0	
lost to all IX	77	34.2	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
43	KRWF	REDWOOD FALLS MN	BLCT	-19870424KH

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
36	KSAXDR	ALEXANDRIA MN	137.3	LIC	BPRM	-20010423AFQ
36	KSAX	ALEXANDRIA MN	137.3	CP MOD	BMPCDT	-20020605AAX
36	KWSD	SIOUX FALLS SD	139.0	LIC	BLCT	-20001108ABE
40	NEW -DT	SIOUX FALLS SD	113.3	PLN	DTVPLN	-DTVP1140
42	KSAX	ALEXANDRIA MN	137.3	LIC	BLCT	-19870925KJ
43	960508KE	DES MOINES IA	335.4	APP	BPET	-19960508KE
43	960709KT	DES MOINES IA	349.5	APP	BPET	-19960709KT
43	960222KG	DES MOINES IA	347.6	APP	BPET	-19960222KG
43	960715KG	DES MOINES IA	349.5	APP	BPET	-19960715KG
43	960930KF	DES MOINES IA	333.7	APP	BPET	-19960930KF
43	960724KM	DES MOINES IA	333.7	APP	BPET	-19960724KM
43	WDIO-DT	DULUTH MN	366.1	PLN	DTVPLN	-DTVP1230
43	KPTM-DT	OMAHA NE	384.1	PLN	DTVPLN	-DTVP1234
43	KPTM	OMAHA NE	384.1	APP	BMPCDT	-20040609AAB
43	KPTM	OMAHA NE	384.1	LIC	BLCDT	-20051107AFO
44	KSTC-TV	MINNEAPOLIS MN	196.4	CP MOD	BMPCDT	-20060323AHW
44	KVBM-DT	MINNEAPOLIS MN	196.4	PLN	DTVPLN	-DTVP1271
46	KDLT-TV	SIOUX FALLS SD	138.2	LIC	BLCT	-20011120ABO
47	NEW -DT	SIOUX FALLS SD	138.2	PLN	DTVPLN	-DTVP1372
47	KDLT-TV	SIOUX FALLS SD	138.2	LIC	BLCDT	-20050829AAT
51	KWSD	SIOUX FALLS SD	139.0	LIC	BLCDT	-20060712ABB
51	KAUN-TV	SIOUX FALLS SD	139.0	LIC	BPRM	-20000728AAA
36	JACK36D		105.7	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

## Analysis of Interference to Affected Station 48

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44HE	GENEVA MN	BMPTTL -20050303ACT

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	KTTC	ROCHESTER MN	64.5	CP MOD	BMPCDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	74.8	PLN	DTVPLN -DTVP1021
42	KIMT	MASON CITY IA	60.4	APP	BMPCDT -20060509AAH
42	KIMT-DT	MASON CITY IA	61.8	PLN	DTVPLN -DTVP1190
43	DK43DH	AUSTIN MN	23.1	LIC	BLTTL -19920904ID
44	KPTH	SIOUX CITY IA	273.9	LIC	BLCT -19991105AAH
44	NEW	AUSTIN MN	28.0	APP	BNPTTL -20000829AEK
44	KSTC-TV	MINNEAPOLIS MN	138.9	CP MOD	BMPCDT -20060323AHW
44	KVBM-DT	MINNEAPOLIS MN	138.9	PLN	DTVPLN -DTVP1271
44	WWAZ-TV	FOND DU LAC WI	385.8	CP MOD	BMPCDT -20040209ABG
44	WMMF-DT	FOND DU LAC WI	357.5	PLN	DTVPLN -DTVP1287
44	W44BF	LA CROSSE WI	154.1	LIC	BLTTL -19950502IC
46	KXLT-TV	ROCHESTER MN	64.5	CP MOD	BMPCDT -20060615ABX
46	KXLT-DT	ROCHESTER MN	75.8	PLN	DTVPLN -DTVP1331
36	JACK36D		138.6	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 49

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
44	K44HE	GENEVA MN	BNPTTL -20000830BJP

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	KTTC	ROCHESTER MN	64.5	CP MOD	BMPCDT -20060316AJH
36	KTTC-DT	ROCHESTER MN	74.8	PLN	DTVPLN -DTVP1021
42	KIMT	MASON CITY IA	60.4	APP	BMPCDT -20060509AAH
42	KIMT-DT	MASON CITY IA	61.8	PLN	DTVPLN -DTVP1190
43	DK43DH	AUSTIN MN	23.1	LIC	BLTTL -19920904ID
44	KPTH	SIOUX CITY IA	273.9	LIC	BLCT -19991105AAH
44	NEW	AUSTIN MN	28.0	APP	BNPTTL -20000829AEK
44	KSTC-TV	MINNEAPOLIS MN	138.9	CP MOD	BMPCDT -20060323AHW
44	KVBM-DT	MINNEAPOLIS MN	138.9	PLN	DTVPLN -DTVP1271
44	WWAZ-TV	FOND DU LAC WI	385.8	CP MOD	BMPCDT -20040209ABG
44	WMMF-DT	FOND DU LAC WI	357.5	PLN	DTVPLN -DTVP1287
44	W44BF	LA CROSSE WI	154.1	LIC	BLTTL -19950502IC
46	KXLT-TV	ROCHESTER MN	64.5	CP MOD	BMPCDT -20060615ABX
46	KXLT-DT	ROCHESTER MN	75.8	PLN	DTVPLN -DTVP1331

# FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

36 JACK36D 138.6 APP USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 50

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	K44AD	ST. JAMES MN	BLTTL	-19970507JN

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KRWF	REDWOOD FALLS MN	82.4	LIC	BLCT	-19870424KH
44	KPTH	SIOUX CITY IA	214.0	LIC	BLCT	-19991105AAH
44	KSTC-TV	MINNEAPOLIS MN	156.9	CP MOD	BMPCDT	-20060323AHW
44	KVBM-DT	MINNEAPOLIS MN	156.8	PLN	DTVPLN	-DTVP1271
44	K44AE	WILLMAR MN	122.8	LIC	BLTT	-19810122JL
45	NEW	ST. JAMES MN	0.3	APP	BSFDTL	-20060630ASN
36	JACK36D		64.3	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 51

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
44	KCWS-LP	SIOUX FALLS SD	BLTTL	-19901218JK

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	NEW -DT	SIOUX FALLS SD	38.0	PLN	DTVPLN	-DTVP1140
41	KTIV	SIOUX CITY IA	113.6	CP	BPCDT	-19991101AIH
41	KTIV-DT	SIOUX CITY IA	113.3	PLN	DTVPLN	-DTVP1158
44	KPTH	SIOUX CITY IA	113.6	LIC	BLCT	-19991105AAH
44	KSTC-TV	MINNEAPOLIS MN	333.1	CP MOD	BMPCDT	-20060323AHW
44	KVBM-DT	MINNEAPOLIS MN	333.1	PLN	DTVPLN	-DTVP1271
44	NEW	WATERTOWN SD	151.3	APP	BNPTT	-20000831ARD
45	K67GH	SIOUX FALLS SD	15.4	APP	BPTTL	-20020819ABQ
47	NEW -DT	SIOUX FALLS SD	15.4	PLN	DTVPLN	-DTVP1372
47	KDLT-TV	SIOUX FALLS SD	15.4	LIC	BLCDDT	-20050829AAT
51	KWSD	SIOUX FALLS SD	14.2	LIC	BLCDDT	-20060712ABB
51	KAUN-TV	SIOUX FALLS SD	14.2	LIC	BPRM	-20000728AAA
36	JACK36D		141.2	APP	USERRECORD-01	

Proposed station is beyond the site to

FIGURE 1—OET-69 STUDY FOR JACKSON, MN 36D DIGITAL COMPANION CHANNEL

nearest cell evaluation distance

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