

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-14-2008 Time: 10:41:41

Record Selected for Analysis

KMNE-D.C USERRECORD-01 XBASSETT NE US
Channel 07 ERP 17.6 kW HAAT 454. m RCAMSL 01220 m
Latitude 042-20-05 Longitude 0099-29-02
Status APP Zone 2 Border
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50,90) (km)
0.0	17.600	470.7	109.8
45.0	17.600	474.7	110.1
90.0	17.600	472.1	110.0
135.0	17.600	454.2	108.6
180.0	17.600	438.6	107.4
225.0	17.600	436.8	107.2
270.0	17.600	429.5	106.6
315.0	17.600	451.7	108.4

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KMNE-D.C 07 XBASSETT NE USERRECORD01

and station

SHORT TO: KMNE-TV 07 BASSETT NE BLET 19871103KG
042-20- 5 0099-29- 1
Req. separation 273.6 Actual separation 0.0 Short 273.6 km

SHORT TO: KMNE-TV 07 BASSETT NE BPEDT 20080317ACJ
 042-20- 5 0099-29- 2
 Req. separation 273.6 Actual separation 0.0 Short 273.6 km

SHORT TO: KTTW-DT 07 SIOUX FALLS SD DTVPLN DTVP0036
 43-29-20 96-45-40
 Req. separation 273.6 Actual separation 256.7 Short 16.9 km

SHORT TO: KTTW 07 SIOUX FALLS SD BMPCDT 20080213ACH
 043-30-19 0096-34-19
 Req. separation 273.6 Actual separation 271.0 Short 2.6 km

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

 Start of Interference Analysis

	Proposed Station	
Channel	Call	City/State
07	KMNE-D.C	XBASSETT NE
	ARN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KBSH-TV	HAYS KS	383.8	LIC	BLCT	-
20051222AES						
07	KMNE-TV	BASSETT NE	0.0	LIC	BLET	-
19871103KG						
07	KMNE-TV	BASSETT NE	0.0	CP	BPEDT	-
20080317ACJ						
07	KETV	OMAHA NE	308.3	LIC	BLCT	-
20050114ADV						
07	KDUH-TV	SCOTTSBLUFF NE	301.2	LIC	BLCDT	-
20050914AAH						
07	KEVN-TV	RAPID CITY SD	360.8	LIC	BLCT	-2543
07	KTTW-DT	SIOUX FALLS SD	256.1	PLN	DTVPLN	-
DTVP0036						
07	KTTW	SIOUX FALLS SD	270.4	CP MOD	BMPCDT	-
20080213ACH						
08	KZSD-TV	MARTIN SD	208.2	LIC	BLET	-
20070202AAO						
08	KZSD-TV	MARTIN SD	208.2	APP	BSTA	-

20080214AEE
08 KZSD-TV MARTIN SD 208.2 CP BPEDT -
20080214ADA

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KBSH-TV	HAYS KS	BLCT	-20051222AES

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KMBC-TV	KANSAS CITY MO	417.1	LIC	BLCDDT	-
20020424AAP						
07	KMBCTV	KANSAS CITY MO	417.1	LIC	BPRM	-
20000417AAA						
07	KMNE-TV	BASSETT NE	383.8	LIC	BLET	-
19871103KG						
07	KMNE-TV	BASSETT NE	383.8	CP	BPEDT	-
20080317ACJ						
07	KETV	OMAHA NE	389.8	LIC	BLCT	-
20050114ADV						
07	KOCO-TV	OKLAHOMA CITY OK	403.7	CP MOD	BMPCDDT	-
20080215ACU						
07	KOCO-DR	OKLAHOMA CITY OK	403.7	LIC	BPRM	-
20000412AAA						
08	KPTS	HUTCHINSON KS	164.1	CP	BPEDT	-
20080313ACD						
08	KPTS	HUTCHINSON KS	164.1	LIC	BLET	-263
08	KSWK	LAKIN KS	194.0	LIC	BLEDT	-
20050203ADS						
08	KSWK-TV	LAKIN KS	194.0	LIC	BPRM	-
20011101ADH						
08	KSNK	MCCOOK NE	157.5	LIC	BMLCT	-
20031125AMP						
07	KMNE-D.C	XBASSETT NE	383.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KMNE-TV	BASSETT NE	BLET	-19871103KG

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
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07	KBSH-TV	HAYS KS	383.8	LIC	BLCT	-
20051222AES						
07	KETV	OMAHA NE	308.2	LIC	BLCT	-
20050114ADV						
07	KDUH-TV	SCOTTSBLUFF NE	301.2	LIC	BLCDDT	-
20050914AAH						
07	KEVN-TV	RAPID CITY SD	360.8	LIC	BLCT	-2543
07	KTTW-DT	SIOUX FALLS SD	256.1	PLN	DTVPLN	-
DTVP0036						
07	KTTW	SIOUX FALLS SD	270.3	CP MOD	BMPCDDT	-
20080213ACH						
08	KZSD-TV	MARTIN SD	208.2	LIC	BLET	-
20070202AAO						
08	KZSD-TV	MARTIN SD	208.2	APP	BSTA	-
20080214AEE						
08	KZSD-TV	MARTIN SD	208.2	CP	BPEDT	-
20080214ADA						
07	KMNE-D.C	XBASSETT NE	0.0	APP	USERRECORD-01	

Total scenarios = 4

Result key: 1
 Scenario 1 Affected station 2
 Before Analysis

Results for: 7N NE BASSETT	BLET	19871103KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48250	37099.4	
not affected by terrain losses	40184	35322.2	
lost to NTSC IX	5753	2293.0	
lost to additional IX by ATV	585	515.8	
lost to all IX	6338	2808.8	

Potential Interfering Stations Included in above Scenario 1

7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDDT	20050914AAH	LIC
7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN

After Analysis

Results for: 7N NE BASSETT	BLET	19871103KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48250	37099.4	
not affected by terrain losses	40184	35322.2	
lost to NTSC IX	5753	2293.0	
lost to additional IX by ATV	33086	30611.2	
lost to all IX	38839	32904.2	

Potential Interfering Stations Included in above Scenario 1

7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDDT	20050914AAH	LIC
7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN
7A NE XBASSETT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NE XBASSETT USERRECORD01
ERP 17.60 kW HAAT 454.0 m RCAMSL 1220.0 m
Antenna usr USRPAT01

Due to interference to the following station and scenario: 1

7N NE BASSETT BLET 19871103KG
ERP 316.00 kW HAAT 453.0 m RCAMSL 1219.0 m
Antenna CDB 999999999999999

Percent new DTV interference without proposal: 1.2 BLET
19871103KG
Percent new DTV interference with proposal: 68.6 BLET
19871103KG

Result key: 2
Scenario 2 Affected station 2
Before Analysis

Results for: 7N NE BASSETT	BLET	19871103KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48250	37099.4	
not affected by terrain losses	40184	35322.2	
lost to NTSC IX	5753	2293.0	
lost to additional IX by ATV	615	584.3	
lost to all IX	6368	2877.4	

Potential Interfering Stations Included in above Scenario 2

7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP

After Analysis

Results for: 7N NE BASSETT	BLET	19871103KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48250	37099.4	
not affected by terrain losses	40184	35322.2	
lost to NTSC IX	5753	2293.0	
lost to additional IX by ATV	33086	30611.2	
lost to all IX	38839	32904.2	

Potential Interfering Stations Included in above Scenario 2

7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
7A NE XBASSETT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NE XBASSETT USERRECORD01
ERP 17.60 kW HAAT 454.0 m RCAMSL 1220.0 m
Antenna usr USRPAT01

Due to interference to the following station and scenario: 2

7N NE BASSETT BLET 19871103KG
ERP 316.00 kW HAAT 453.0 m RCAMSL 1219.0 m

Antenna CDB 999999999999999

Percent new DTV interference without proposal: 1.3 BLET
19871103KG
Percent new DTV interference with proposal: 68.6 BLET
19871103KG

Result key: 3
Scenario 3 Affected station 2
Before Analysis

Results for: 7N NE BASSETT	BLET	19871103KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48250	37099.4	
not affected by terrain losses	40184	35322.2	
lost to NTSC IX	5753	2293.0	
lost to additional IX by ATV	585	515.8	
lost to all IX	6338	2808.8	

Potential Interfering Stations Included in above Scenario 3

7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN

After Analysis

Results for: 7N NE BASSETT	BLET	19871103KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48250	37099.4	
not affected by terrain losses	40184	35322.2	
lost to NTSC IX	5753	2293.0	
lost to additional IX by ATV	33086	30611.2	
lost to all IX	38839	32904.2	

Potential Interfering Stations Included in above Scenario 3

7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN
7A NE XBASSETT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NE XBASSETT USERRECORD01
ERP 17.60 kW HAAT 454.0 m RCAMSL 1220.0 m
Antenna usr USRPAT01

Due to interference to the following station and scenario: 3

7N NE BASSETT BLET 19871103KG
ERP 316.00 kW HAAT 453.0 m RCAMSL 1219.0 m
Antenna CDB 999999999999999

Percent new DTV interference without proposal: 1.2 BLET
19871103KG
Percent new DTV interference with proposal: 68.6 BLET
19871103KG

Result key: 4
 Scenario 4 Affected station 2
 Before Analysis

Results for: 7N NE BASSETT	BLET	19871103KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48250	37099.4	
not affected by terrain losses	40184	35322.2	
lost to NTSC IX	5753	2293.0	
lost to additional IX by ATV	615	584.3	
lost to all IX	6368	2877.4	

Potential Interfering Stations Included in above Scenario 4

7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDDT	20050914AAH	LIC
7A SD SIOUX FALLS	BMPCDDT	20080213ACH	CP

After Analysis

Results for: 7N NE BASSETT	BLET	19871103KG	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48250	37099.4	
not affected by terrain losses	40184	35322.2	
lost to NTSC IX	5753	2293.0	
lost to additional IX by ATV	33086	30611.2	
lost to all IX	38839	32904.2	

Potential Interfering Stations Included in above Scenario 4

7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDDT	20050914AAH	LIC
7A SD SIOUX FALLS	BMPCDDT	20080213ACH	CP
7A NE XBASSETT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NE XBASSETT USERRECORD01
 ERP 17.60 kW HAAT 454.0 m RCAMSL 1220.0 m
 Antenna usr USRPAT01

Due to interference to the following station and scenario: 4

7N NE BASSETT BLET 19871103KG
 ERP 316.00 kW HAAT 453.0 m RCAMSL 1219.0 m
 Antenna CDB 999999999999999

Percent new DTV interference without proposal: 1.3 BLET
 19871103KG
 Percent new DTV interference with proposal: 68.6 BLET
 19871103KG

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KMNE-TV	BASSETT NE	BPEDT	-20080317ACJ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KBSH-TV	HAYS KS	383.8	LIC	BLCT	-
20051222	AES					
07	KETV	OMAHA NE	308.3	LIC	BLCT	-
20050114	ADV					
07	KDUH-TV	SCOTTSBLUFF NE	301.2	LIC	BLCDT	-
20050914	AAH					
07	KEVN-TV	RAPID CITY SD	360.8	LIC	BLCT	-2543
07	KTTW-DT	SIOUX FALLS SD	256.1	PLN	DTVPLN	-
DTVP0036						
07	KTTW	SIOUX FALLS SD	270.4	CP MOD	BMPCDT	-
20080213	ACH					
08	KZSD-TV	MARTIN SD	208.2	LIC	BLET	-
20070202	AAO					
08	KZSD-TV	MARTIN SD	208.2	APP	BSTA	-
20080214	AEE					
08	KZSD-TV	MARTIN SD	208.2	CP	BPEDT	-
20080214	ADA					
07	KMNE-D.C	XBASSETT NE	0.0	APP	USERRECORD-01	

Total scenarios = 4

Result key: 5
 Scenario 1 Affected station 3
 Before Analysis

Results for: 7A NE BASSETT BPEDT 20080317ACJ CP
 HAAT 453.0 m, ATV ERP 17.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	48138	36943.3
not affected by terrain losses	43373	35867.3
lost to NTSC IX	1304	544.1
lost to additional IX by ATV	10	116.9
lost to ATV IX only	71	205.5
lost to all IX	1314	660.9

Potential Interfering Stations Included in above Scenario 1

7N KS HAYS	BLCT	20051222AES	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN

After Analysis

Results for: 7A NE BASSETT BPEDT 20080317ACJ CP
 HAAT 453.0 m, ATV ERP 17.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	48138	36943.3
not affected by terrain losses	43373	35867.3
lost to NTSC IX	1304	544.1

lost to additional IX by ATV	40888	33070.4
lost to ATV IX only	42192	33614.5
lost to all IX	42192	33614.5

Potential Interfering Stations Included in above Scenario 1

7N KS HAYS	BLCT	20051222AES	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDDT	20050914AAH	LIC
7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN
7A NE XBASSETT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NE XBASSETT USERRECORD01
 ERP 17.60 kW HAAT 454.0 m RCAMSL 1220.0 m
 Antenna usr USRPAT01

Due to interference to the following station and scenario: 1

7D NE BASSETT BPEDT 20080317ACJ
 ERP 17.60 kW HAAT 453.0 m RCAMSL 1219.0 m
 Antenna CDB 999999999999999

Percent Service lost without proposal: 0.0 to BPEDT
 20080317ACJ
 Percent Service lost with proposal: 97.2 to BPEDT
 20080317ACJ

Result key: 6
 Scenario 2 Affected station 3
 Before Analysis

Results for: 7A NE BASSETT BPEDT 20080317ACJ CP
 HAAT 453.0 m, ATV ERP 17.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	48138	36943.3
not affected by terrain losses	43373	35867.3
lost to NTSC IX	1304	544.1
lost to additional IX by ATV	23	157.2
lost to ATV IX only	122	290.2
lost to all IX	1327	701.2

Potential Interfering Stations Included in above Scenario 2

7N KS HAYS	BLCT	20051222AES	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDDT	20050914AAH	LIC
7A SD SIOUX FALLS	BMPCDDT	20080213ACH	CP

After Analysis

Results for: 7A NE BASSETT BPEDT 20080317ACJ CP
 HAAT 453.0 m, ATV ERP 17.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	48138	36943.3
not affected by terrain losses	43373	35867.3
lost to NTSC IX	1304	544.1
lost to additional IX by ATV	40888	33070.4

lost to ATV IX only	42192	33614.5
lost to all IX	42192	33614.5

Potential Interfering Stations Included in above Scenario 2

7N KS HAYS	BLCT	20051222AES	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDDT	20050914AAH	LIC
7A SD SIOUX FALLS	BMPCDDT	20080213ACH	CP
7A NE XBASSETT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NE XBASSETT	USERRECORD01
ERP 17.60 kW HAAT 454.0 m RCAMSL 1220.0 m	
Antenna usr USRPAT01	

Due to interference to the following station and scenario: 2

7D NE BASSETT	BPEDT	20080317ACJ
ERP 17.60 kW HAAT 453.0 m RCAMSL 1219.0 m		
Antenna CDB 999999999999999		

Percent Service lost without proposal:	0.0	to BPEDT
20080317ACJ		
Percent Service lost with proposal:	97.2	to BPEDT
20080317ACJ		

Result key: 7
 Scenario 3 Affected station 3
 Before Analysis

Results for: 7A NE BASSETT	BPEDT	20080317ACJ	CP
HAAT 453.0 m, ATV ERP 17.6 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48138	36943.3	
not affected by terrain losses	43373	35867.3	
lost to NTSC IX	1304	544.1	
lost to additional IX by ATV	10	116.9	
lost to ATV IX only	71	205.5	
lost to all IX	1314	660.9	

Potential Interfering Stations Included in above Scenario 3

7N KS HAYS	BLCT	20051222AES	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDDT	20050914AAH	LIC
7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN

After Analysis

Results for: 7A NE BASSETT	BPEDT	20080317ACJ	CP
HAAT 453.0 m, ATV ERP 17.6 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	48138	36943.3	
not affected by terrain losses	43373	35867.3	
lost to NTSC IX	1304	544.1	
lost to additional IX by ATV	40888	33070.4	
lost to ATV IX only	42192	33614.5	

lost to all IX 42192 33614.5

Potential Interfering Stations Included in above Scenario 3

7N KS HAYS	BLCT	20051222AES	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN
7A NE XBASSETT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NE XBASSETT USERRECORD01
ERP 17.60 kW HAAT 454.0 m RCAMSL 1220.0 m
Antenna usr USRPAT01

Due to interference to the following station and scenario: 3

7D NE BASSETT BPEDT 20080317ACJ
ERP 17.60 kW HAAT 453.0 m RCAMSL 1219.0 m
Antenna CDB 999999999999999

Percent Service lost without proposal: 0.0 to BPEDT
20080317ACJ
Percent Service lost with proposal: 97.2 to BPEDT
20080317ACJ

Result key: 8
Scenario 4 Affected station 3
Before Analysis

Results for: 7A NE BASSETT BPEDT 20080317ACJ CP
HAAT 453.0 m, ATV ERP 17.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	48138	36943.3
not affected by terrain losses	43373	35867.3
lost to NTSC IX	1304	544.1
lost to additional IX by ATV	23	157.2
lost to ATV IX only	122	290.2
lost to all IX	1327	701.2

Potential Interfering Stations Included in above Scenario 4

7N KS HAYS	BLCT	20051222AES	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP

After Analysis

Results for: 7A NE BASSETT BPEDT 20080317ACJ CP
HAAT 453.0 m, ATV ERP 17.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	48138	36943.3
not affected by terrain losses	43373	35867.3
lost to NTSC IX	1304	544.1
lost to additional IX by ATV	40888	33070.4
lost to ATV IX only	42192	33614.5
lost to all IX	42192	33614.5

Potential Interfering Stations Included in above Scenario 4

7N KS HAYS	BLCT	20051222AES	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
7A NE XBASSETT	USERRECORD01		APP

The following station failed the de minimis interference criteria.

7D NE XBASSETT USERRECORD01
 ERP 17.60 kW HAAT 454.0 m RCAMSL 1220.0 m
 Antenna usr USRPAT01

Due to interference to the following station and scenario: 4

7D NE BASSETT BPEDT 20080317ACJ
 ERP 17.60 kW HAAT 453.0 m RCAMSL 1219.0 m
 Antenna CDB 999999999999999

Percent Service lost without proposal: 0.0 to BPEDT
 20080317ACJ
 Percent Service lost with proposal: 97.2 to BPEDT
 20080317ACJ

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Analysis of Interference to Affected Station 4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
07	KETV	OMAHA NE	DTVPLN	-NPLN0488

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KWWL	WATERLOO IA	366.8	PLN	DTVPLN	-
NPLN0469						
07	KTTW-DT	SIOUX FALLS SD	249.7	PLN	DTVPLN	-
DTVP0036						
08	KCCI	DES MOINES IA	207.7	PLN	DTVPLN	-
NPLN0530						
08	KLKN	LINCOLN NE	117.1	PLN	DTVPLN	-
NPLN0551						

Results for:	7N NE OMAHA	DTVPLN	NPLN0488	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1224993	34759.7	
not affected by terrain losses		1200438	33058.2	
lost to NTSC IX		93577	2842.6	
lost to additional IX by ATV		0	0.0	
lost to all IX		93577	2842.6	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KETV	OMAHA NE	BLCT	-20050114ADV

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KWWL	WATERLOO IA	366.9	LIC	BLCT	-
20060524AEV						
07	KWWL	WATERLOO IA	366.9	CP	BPCDT	-
20080314ADY						
07	KBSH-TV	HAYS KS	389.8	LIC	BLCT	-
20051222AES						
07	KMBC-TV	KANSAS CITY MO	278.6	LIC	BLCDT	-
20020424AAP						
07	KMBCTV	KANSAS CITY MO	278.6	LIC	BPRM	-
20000417AAA						
07	KMNE-TV	BASSETT NE	308.2	LIC	BLET	-
19871103KG						
07	KMNE-TV	BASSETT NE	308.3	CP	BPEDT	-
20080317ACJ						
07	KTTW-DT	SIOUX FALLS SD	249.7	PLN	DTVPLN	-
DTVP0036						
07	KTTW	SIOUX FALLS SD	248.2	CP MOD	BMPCDT	-
20080213ACH						
08	KCCI	DES MOINES IA	207.6	CP	BPCDT	-
20080314ABD						
08	KCCI	DES MOINES IA	207.6	LIC	BMLCT	-
20050628ACB						
08	KLKN	LINCOLN NE	117.2	CP	BPCDT	-
20080411AAB						
08	KLKN	LINCOLN NE	117.2	LIC	BLCT	-
19960708KK						
07	KMNE-D.C	XBASSETT NE	308.3	APP	USERRECORD-01	

Total scenarios = 4

Result key: 9
Scenario 1 Affected station 4
Before Analysis

Results for: 7N NE OMAHA	BLCT	20050114ADV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1225524	34935.9	
not affected by terrain losses	1198895	33238.3	
lost to NTSC IX	97865	3731.4	
lost to additional IX by ATV	10376	1997.8	
lost to all IX	108241	5729.2	

Potential Interfering Stations Included in above Scenario 1

7N IA WATERLOO	BLCT	20060524AEV	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N NE LINCOLN	BLCT	19960708KK	LIC
7A IA WATERLOO	BPCDT	20080314ADY	CP
7A MO KANSAS CITY	BLCDT	20020424AAP	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
8A NE LINCOLN	BPCDT	20080411AAB	CP

After Analysis

Results for:	7N NE OMAHA	BLCT	20050114ADV	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1225524	34935.9	
not affected by terrain losses		1198895	33238.3	
lost to NTSC IX		97865	3731.4	
lost to additional IX by ATV		10376	1997.8	
lost to all IX		108241	5729.2	

Potential Interfering Stations Included in above Scenario 1

7N IA WATERLOO	BLCT	20060524AEV	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N NE LINCOLN	BLCT	19960708KK	LIC
7A IA WATERLOO	BPCDT	20080314ADY	CP
7A MO KANSAS CITY	BLCDDT	20020424AAP	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A SD SIOUX FALLS	BMPCDDT	20080213ACH	CP
8A NE LINCOLN	BPCDDT	20080411AAB	CP
7A NE XBASSETT	USERRECORD01		APP

*Percent new DTV interference without proposal: 0.8 BLCT
20050114ADV
*Percent new DTV interference with proposal: 0.8 BLCT
20050114ADV

Result key: 10
Scenario 2 Affected station 4
Before Analysis

Results for:	7N NE OMAHA	BLCT	20050114ADV	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1225524	34935.9	
not affected by terrain losses		1198895	33238.3	
lost to NTSC IX		97865	3731.4	
lost to additional IX by ATV		10608	2085.9	
lost to all IX		108473	5817.3	

Potential Interfering Stations Included in above Scenario 2

7N IA WATERLOO	BLCT	20060524AEV	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N NE LINCOLN	BLCT	19960708KK	LIC
7A IA WATERLOO	BPCDDT	20080314ADY	CP
7A MO KANSAS CITY	BPRM	20000417AAA	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A SD SIOUX FALLS	BMPCDDT	20080213ACH	CP
8A NE LINCOLN	BPCDDT	20080411AAB	CP

After Analysis

Results for:	7N NE OMAHA	BLCT	20050114ADV	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		1225524	34935.9	
not affected by terrain losses		1198895	33238.3	
lost to NTSC IX		97865	3731.4	
lost to additional IX by ATV		10608	2085.9	
lost to all IX		108473	5817.3	

Potential Interfering Stations Included in above Scenario 2

7N IA WATERLOO	BLCT	20060524AEV	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N NE LINCOLN	BLCT	19960708KK	LIC
7A IA WATERLOO	BPCDT	20080314ADY	CP
7A MO KANSAS CITY	BPRM	20000417AAA	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
8A NE LINCOLN	BPCDT	20080411AAB	CP
7A NE XBASSETT	USERRECORD01		APP
*Percent new DTV interference without proposal:			0.9 BLCT
20050114ADV			
*Percent new DTV interference with proposal:			0.9 BLCT
20050114ADV			

Result key: 11
 Scenario 3 Affected station 4
 Before Analysis

Results for: 7N NE OMAHA	BLCT	20050114ADV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1225524	34935.9	
not affected by terrain losses	1198895	33238.3	
lost to NTSC IX	97865	3731.4	
lost to additional IX by ATV	10376	1997.8	
lost to all IX	108241	5729.2	

Potential Interfering Stations Included in above Scenario 3

7N IA WATERLOO	BLCT	20060524AEV	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N NE LINCOLN	BLCT	19960708KK	LIC
7A IA WATERLOO	BPCDT	20080314ADY	CP
7A MO KANSAS CITY	BLCDDT	20020424AAP	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
8A NE LINCOLN	BPCDT	20080411AAB	CP

After Analysis

Results for: 7N NE OMAHA	BLCT	20050114ADV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1225524	34935.9	
not affected by terrain losses	1198895	33238.3	
lost to NTSC IX	97865	3731.4	
lost to additional IX by ATV	10376	1997.8	
lost to all IX	108241	5729.2	

Potential Interfering Stations Included in above Scenario 3

7N IA WATERLOO	BLCT	20060524AEV	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N NE LINCOLN	BLCT	19960708KK	LIC
7A IA WATERLOO	BPCDT	20080314ADY	CP
7A MO KANSAS CITY	BLCDDT	20020424AAP	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
8A NE LINCOLN	BPCDT	20080411AAB	CP
7A NE XBASSETT	USERRECORD01		APP

*Percent new DTV interference without proposal: 0.8 BLCT
 20050114ADV
 *Percent new DTV interference with proposal: 0.8 BLCT
 20050114ADV

Result key: 12
 Scenario 4 Affected station 4
 Before Analysis

Results for: 7N NE OMAHA	BLCT	20050114ADV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1225524	34935.9	
not affected by terrain losses	1198895	33238.3	
lost to NTSC IX	97865	3731.4	
lost to additional IX by ATV	10608	2085.9	
lost to all IX	108473	5817.3	

Potential Interfering Stations Included in above Scenario 4

7N IA WATERLOO	BLCT	20060524AEV	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N NE LINCOLN	BLCT	19960708KK	LIC
7A IA WATERLOO	BPCDT	20080314ADY	CP
7A MO KANSAS CITY	BPRM	20000417AAA	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
8A NE LINCOLN	BPCDT	20080411AAB	CP

After Analysis

Results for: 7N NE OMAHA	BLCT	20050114ADV	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1225524	34935.9	
not affected by terrain losses	1198895	33238.3	
lost to NTSC IX	97865	3731.4	
lost to additional IX by ATV	10608	2085.9	
lost to all IX	108473	5817.3	

Potential Interfering Stations Included in above Scenario 4

7N IA WATERLOO	BLCT	20060524AEV	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N NE LINCOLN	BLCT	19960708KK	LIC
7A IA WATERLOO	BPCDT	20080314ADY	CP
7A MO KANSAS CITY	BPRM	20000417AAA	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
8A NE LINCOLN	BPCDT	20080411AAB	CP
7A NE XBASSETT	USERRECORD01		APP

*Percent new DTV interference without proposal: 0.9 BLCT
 20050114ADV
 *Percent new DTV interference with proposal: 0.9 BLCT
 20050114ADV

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Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KDUH-TV	SCOTTSBLUFF NE	BLCDT	-20050914AAH

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KMGH-TV	DENVER CO	296.6	CP	BPCT	-
20020801ABC						
07	KMGH-TV	DENVER CO	296.6	CP MOD	BMPCDT	-
20080331AEN						
07	KMNE-TV	BASSETT NE	301.2	LIC	BLET	-
19871103KG						
07	KMNE-TV	BASSETT NE	301.2	CP	BPEDT	-
20080317ACJ						
07	KEVN-TV	RAPID CITY SD	247.8	LIC	BLCT	-2543
08	KZSD-TV	MARTIN SD	216.2	LIC	BLET	-
20070202AAO						
08	KZSD-TV	MARTIN SD	216.2	APP	BSTA	-
20080214AEE						
08	KZSD-TV	MARTIN SD	216.2	CP	BPEDT	-
20080214ADA						
08	KWYP-TV	LARAMIE WY	206.6	CP	BPEDT	-
20080312AAZ						
08	KWYP-TV	LARAMIE WY	206.5	LIC	BLET	-
20041129BBK						
07	KMNE-D.C	XBASSETT NE	301.2	APP	USERRECORD-01	

Total scenarios = 2

Result key: 13
 Scenario 1 Affected station 5
 Before Analysis

Results for: 7A NE SCOTTSBLUFF BLCDT 20050914AAH LIC
 HAAT 475.0 m, ATV ERP 32.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	103124	41887.2
not affected by terrain losses	98589	39082.7
lost to NTSC IX	4436	2193.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	199	385.7
lost to all IX	4436	2193.8

Potential Interfering Stations Included in above Scenario 1

7N CO DENVER	BPCT	20020801ABC	CP
7N NE BASSETT	BLET	19871103KG	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A CO DENVER	BMPCDT	20080331AEN	CP
7A NE BASSETT	BPEDT	20080317ACJ	CP

After Analysis

Results for: 7A NE SCOTTSBLUFF BLCDT 20050914AAH LIC
 HAAT 475.0 m, ATV ERP 32.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	103124	41887.2
not affected by terrain losses	98589	39082.7
lost to NTSC IX	4436	2193.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	199	385.7
lost to all IX	4436	2193.8

Potential Interfering Stations Included in above Scenario 1

7N CO DENVER	BPCT	20020801ABC	CP
7N NE BASSETT	BLET	19871103KG	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A CO DENVER	BMPCDT	20080331AEN	CP
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE XBASSETT	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BLCDDT
20050914AAH			
*Percent Service lost with proposal:		0.0	to BLCDDT
20050914AAH			

Result key: 14
 Scenario 2 Affected station 5
 Before Analysis

Results for: 7A NE SCOTTSBLUFF BLCDDT 20050914AAH LIC
 HAAT 475.0 m, ATV ERP 32.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	103124	41887.2
not affected by terrain losses	98589	39082.7
lost to NTSC IX	4436	2193.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	199	385.7
lost to all IX	4436	2193.8

Potential Interfering Stations Included in above Scenario 2

7N CO DENVER	BPCT	20020801ABC	CP
7N NE BASSETT	BLET	19871103KG	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A CO DENVER	BMPCDT	20080331AEN	CP
7A NE BASSETT	BPEDT	20080317ACJ	CP

After Analysis

Results for: 7A NE SCOTTSBLUFF BLCDDT 20050914AAH LIC
 HAAT 475.0 m, ATV ERP 32.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	103124	41887.2
not affected by terrain losses	98589	39082.7
lost to NTSC IX	4436	2193.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	199	385.7
lost to all IX	4436	2193.8

Potential Interfering Stations Included in above Scenario 2

7N CO DENVER	BPCT	20020801ABC	CP
7N NE BASSETT	BLET	19871103KG	LIC

7N SD RAPID CITY	BLCT	2543	LIC
7A CO DENVER	BMPCDT	20080331AEN	CP
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE XBASSETT	USERRECORD01		APP

*Percent Service lost without proposal: 0.0 to BLCDT
20050914AAH

*Percent Service lost with proposal: 0.0 to BLCDT
20050914AAH

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KEVN-TV	RAPID CITY SD	BLCT	-2543

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KQCD-TV	DICKINSON ND	320.8	LIC	BLCT	-
19800804KE						
07	KQCD-TV	DICKINSON ND	320.9	CP	BPCDT	-
20080305AEL						
07	KMNE-TV	BASSETT NE	360.8	LIC	BLET	-
19871103KG						
07	KMNE-TV	BASSETT NE	360.8	CP	BPEDT	-
20080317ACJ						
07	KDUH-TV	SCOTTSBLUFF NE	247.8	LIC	BLCDT	-
20050914AAH						
07	KSWY	SHERIDAN WY	313.4	LIC	BLCT	-
20020408ABG						
08	KZSD-TV	MARTIN SD	153.3	LIC	BLET	-
20070202AAO						
08	KZSD-TV	MARTIN SD	153.3	APP	BSTA	-
20080214AEE						
08	KZSD-TV	MARTIN SD	153.3	CP	BPEDT	-
20080214ADA						
07	KMNE-D.C XBASSETT	NE	360.8	APP	USERRECORD-01	

Total scenarios = 2

Result key: 15

Scenario 1 Affected station 6

Before Analysis

Results for: 7N SD RAPID CITY	BLCT	2543	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	149138	22335.8	
not affected by terrain losses	129400	19396.2	
lost to NTSC IX	968	1033.3	
lost to additional IX by ATV	1152	873.1	
lost to all IX	2120	1906.4	

Potential Interfering Stations Included in above Scenario 1

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	20070202AAO	LIC
7A ND DICKINSON	BPCDT	20080305AEL	CP
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC

After Analysis

Results for: 7N SD RAPID CITY	BLCT	2543	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	149138	22335.8	
not affected by terrain losses	129400	19396.2	
lost to NTSC IX	968	1033.3	
lost to additional IX by ATV	1152	873.1	
lost to all IX	2120	1906.4	

Potential Interfering Stations Included in above Scenario 1

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	20070202AAO	LIC
7A ND DICKINSON	BPCDT	20080305AEL	CP
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A NE XBASSETT	USERRECORD01		APP
*Percent new DTV interference without proposal:		0.8	BLCT
2543			
*Percent new DTV interference with proposal:		0.8	BLCT
2543			

Result key: 16
 Scenario 2 Affected station 6
 Before Analysis

Results for: 7N SD RAPID CITY	BLCT	2543	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	149138	22335.8	
not affected by terrain losses	129400	19396.2	
lost to NTSC IX	968	1033.3	
lost to additional IX by ATV	1152	873.1	
lost to all IX	2120	1906.4	

Potential Interfering Stations Included in above Scenario 2

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	20070202AAO	LIC
7A ND DICKINSON	BPCDT	20080305AEL	CP
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC

After Analysis

Results for: 7N SD RAPID CITY	BLCT	2543	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	149138	22335.8	
not affected by terrain losses	129400	19396.2	

lost to NTSC IX	968	1033.3
lost to additional IX by ATV	1152	873.1
lost to all IX	2120	1906.4

Potential Interfering Stations Included in above Scenario 2

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	20070202AAO	LIC
7A ND DICKINSON	BPCDT	20080305AEL	CP
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A NE XBASSETT	USERRECORD01		APP

*Percent new DTV interference without proposal: 0.8 BLCT
2543

*Percent new DTV interference with proposal: 0.8 BLCT
2543

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Analysis of Interference to Affected Station 7

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
07	KTTW-DT	SIOUX FALLS SD	DTVPLN	-DTVP0036

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KWWL	WATERLOO IA	417.8	PLN	DTVPLN	-
NPLN0469						
07	KCCOTV	ALEXANDRIA MN	275.8	PLN	DTVPLN	-
NPLN0480						
07	KJRR	JAMESTOWN ND	413.1	PLN	DTVPLN	-
NPLN0486						
07	KETV	OMAHA NE	249.7	PLN	DTVPLN	-
NPLN0488						
08	KESDTV	BROOKINGS SD	101.3	PLN	DTVPLN	-
NPLN0563						

Results for: 7A SD SIOUX FALLS DTVPLN DTVP0036 PLN
HAAT 151.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	209503	9169.4
not affected by terrain losses	209379	9129.4
lost to NTSC IX	678	128.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	678	128.0

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
17	KTTW	SIOUX FALLS SD	DTVPLN	-NPLN1002

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
14	KMEG	SIOUX CITY IA	114.5	PLN	DTVPLN	-
NPLN0884						
15	KSMN-DT	WORTHINGTON MN	79.6	PLN	DTVPLN	-
DTVP0173						
16	KXNE-DT	NORFOLK NE	145.3	PLN	DTVPLN	-
DTVP0231						
17	KDSMTV	DES MOINES IA	318.9	PLN	DTVPLN	-
NPLN0984						
17	KTCITV	ST. PAUL MN	337.9	PLN	DTVPLN	-
NPLN0988						
17	KTVG	GRAND ISLAND NE	341.1	PLN	DTVPLN	-
NPLN0995						
17	KYNE-DT	OMAHA NE	255.6	PLN	DTVPLN	-
DTVP0270						
17	KDSD-DT	ABERDEEN SD	234.9	PLN	DTVPLN	-
DTVP0281						
18	KESD-DT	BROOKINGS SD	101.3	PLN	DTVPLN	-
DTVP0324						
20	KSMN	WORTHINGTON MN	79.6	PLN	DTVPLN	-
NPLN1084						
24	KCSD-DT	SIOUX FALLS SD	5.4	PLN	DTVPLN	-
DTVP0583						
32	KELO-DT	SIOUX FALLS SD	18.5	PLN	DTVPLN	-
DTVP0881						

Results for: 17N SD SIOUX FALLS	DTVPLN	NPLN1002	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	193451	6690.1	
not affected by terrain losses	193449	6686.1	
lost to NTSC IX	189	52.0	
lost to additional IX by ATV	5643	199.9	
lost to all IX	5832	251.9	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KTTW-DT	SIOUX FALLS SD	DTVPLN	-DTVP0036

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KWWL	WATERLOO IA	417.9	LIC	BLCT	-
20060524AEV						
07	KWWL	WATERLOO IA	417.9	CP	BPCDT	-
20080314ADY						
07	KCCO-TV	ALEXANDRIA MN	276.1	LIC	BLCT	-
19980528KG						
07	KJRR	JAMESTOWN ND	413.0	LIC	BLCT	-
20010820ABE						
07	KJRR	JAMESTOWN ND	413.0	CP	BPCDT	-
20080317AHR						
07	KMNE-TV	BASSETT NE	256.1	LIC	BLET	-
19871103KG						
07	KMNE-TV	BASSETT NE	256.1	CP	BPEDT	-
20080317ACJ						
07	KETV	OMAHA NE	249.7	LIC	BLCT	-
20050114ADV						
08	KESD-TV	BROOKINGS SD	101.3	LIC	BLET	-283

08	KESD-TV	BROOKINGS SD	101.5	CP	BPEDT	-
20080214ADE						
07	KMNE-D.C	XBASSETT NE	256.1	APP	USERRECORD-01	

Total scenarios = 2

Result key: 17
 Scenario 1 Affected station 7
 Before Analysis

Results for:	7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN
HAAT	151.0 m, ATV ERP	3.2 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		209503	9169.4	
not affected by terrain losses		209379	9129.4	
lost to NTSC IX		692	140.0	
lost to additional IX by ATV		0	0.0	
lost to ATV IX only		138	16.0	
lost to all IX		692	140.0	

Potential Interfering Stations Included in above Scenario 1

7N MN ALEXANDRIA	BLCT	19980528KG	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP

After Analysis

Results for:	7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN
HAAT	151.0 m, ATV ERP	3.2 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		209503	9169.4	
not affected by terrain losses		209379	9129.4	
lost to NTSC IX		692	140.0	
lost to additional IX by ATV		0	0.0	
lost to ATV IX only		138	16.0	
lost to all IX		692	140.0	

Potential Interfering Stations Included in above Scenario 1

7N MN ALEXANDRIA	BLCT	19980528KG	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE XBASSETT	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to DTVPLN DTVP0036
*Percent Service lost with proposal:		0.0	to DTVPLN DTVP0036

Result key: 18
 Scenario 2 Affected station 7
 Before Analysis

Results for:	7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN
HAAT	151.0 m, ATV ERP	3.2 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		209503	9169.4	
not affected by terrain losses		209379	9129.4	

lost to NTSC IX	692	140.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	138	16.0
lost to all IX	692	140.0

Potential Interfering Stations Included in above Scenario 2

7N MN ALEXANDRIA	BLCT	19980528KG	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP

After Analysis

Results for: 7A SD SIOUX FALLS DTVPLN DTVP0036 PLN
 HAAT 151.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	209503	9169.4
not affected by terrain losses	209379	9129.4
lost to NTSC IX	692	140.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	138	16.0
lost to all IX	692	140.0

Potential Interfering Stations Included in above Scenario 2

7N MN ALEXANDRIA	BLCT	19980528KG	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE XBASSETT	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to DTVPLN	DTV0036
*Percent Service lost with proposal:	0.0	to DTVPLN	DTV0036

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KTTW	SIOUX FALLS SD	BMPCDT	-20080213ACH

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KWWL	WATERLOO IA	403.7	LIC	BLCT	-
20060524AEV						
07	KWWL	WATERLOO IA	403.7	CP	BPCDT	-
20080314ADY						
07	KCCO-TV	ALEXANDRIA MN	267.8	LIC	BLCT	-
19980528KG						
07	KJRR	JAMESTOWN ND	417.2	LIC	BLCT	-
20010820ABE						
07	KJRR	JAMESTOWN ND	417.2	CP	BPCDT	-
20080317AHR						
07	KMNE-TV	BASSETT NE	270.3	LIC	BLET	-

19871103KG						
07	KMNE-TV	BASSETT NE	270.4	CP	BPEDT	-
20080317ACJ						
07	KETV	OMAHA NE	248.2	LIC	BLCT	-
20050114ADV						
08	KESD-TV	BROOKINGS SD	106.2	LIC	BLET	-283
08	KESD-TV	BROOKINGS SD	106.4	CP	BPEDT	-
20080214ADE						
07	KMNE-D.C	XBASSETT NE	270.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 19
 Scenario 1 Affected station 8
 Before Analysis

Results for:	7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
HAAT	218.0 m, ATV ERP	7.5 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		287334	18839.9	
not affected by terrain losses		284721	17852.1	
lost to NTSC IX		6993	1487.7	
lost to additional IX by ATV		239	128.0	
lost to ATV IX only		4922	1079.8	
lost to all IX		7232	1615.6	

Potential Interfering Stations Included in above Scenario 1

7N MN ALEXANDRIA	BLCT	19980528KG	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
8N SD BROOKINGS	BLET	283	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
8A SD BROOKINGS	BPEDT	20080214ADE	CP

After Analysis

Results for:	7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP
HAAT	218.0 m, ATV ERP	7.5 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		287334	18839.9	
not affected by terrain losses		284721	17852.1	
lost to NTSC IX		6993	1487.7	
lost to additional IX by ATV		239	128.0	
lost to ATV IX only		4922	1079.8	
lost to all IX		7232	1615.6	

Potential Interfering Stations Included in above Scenario 1

7N MN ALEXANDRIA	BLCT	19980528KG	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
8N SD BROOKINGS	BLET	283	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
8A SD BROOKINGS	BPEDT	20080214ADE	CP
7A NE XBASSETT	USERRECORD01		APP
*Percent Service lost without proposal:		-33.0	to BMPCDT
20080213ACH			
*Percent Service lost with proposal:		-33.0	to BMPCDT

20080213ACH

Result key: 20
Scenario 2 Affected station 8
Before Analysis

Results for: 7A SD SIOUX FALLS BMPCDT 20080213ACH CP
HAAT 218.0 m, ATV ERP 7.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	287334	18839.9
not affected by terrain losses	284721	17852.1
lost to NTSC IX	6993	1487.7
lost to additional IX by ATV	239	128.0
lost to ATV IX only	4922	1079.8
lost to all IX	7232	1615.6

Potential Interfering Stations Included in above Scenario 2

7N MN ALEXANDRIA	BLCT	19980528KG	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
8N SD BROOKINGS	BLET	283	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
8A SD BROOKINGS	BPEDT	20080214ADE	CP

After Analysis

Results for: 7A SD SIOUX FALLS BMPCDT 20080213ACH CP
HAAT 218.0 m, ATV ERP 7.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	287334	18839.9
not affected by terrain losses	284721	17852.1
lost to NTSC IX	6993	1487.7
lost to additional IX by ATV	239	128.0
lost to ATV IX only	4922	1079.8
lost to all IX	7232	1615.6

Potential Interfering Stations Included in above Scenario 2

7N MN ALEXANDRIA	BLCT	19980528KG	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
8N SD BROOKINGS	BLET	283	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
8A SD BROOKINGS	BPEDT	20080214ADE	CP
7A NE XBASSETT	USERRECORD01		APP
*Percent Service lost without proposal:		-33.0	to BMPCDT

20080213ACH

*Percent Service lost with proposal:		-33.0	to BMPCDT
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20080213ACH

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Analysis of Interference to Affected Station 9

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
08	KZSDTV	MARTIN SD	DTVPLN -NPLN0564

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	KSNK	MCCOOK NE	406.9	PLN	DTVPLN -
NPLN0552					
08	KESDTV	BROOKINGS SD	360.7	PLN	DTVPLN -
NPLN0563					
08	NEW	LARAMIE WY	397.9	PLN	DTVPLN -
NPLN0575					
09	KBHETV	RAPID CITY SD	152.0	PLN	DTVPLN -
NPLN0623					

Results for:	8N SD MARTIN	DTVPLN	NPLN0564	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		30235	26442.9	
not affected by terrain losses		27775	24365.4	
lost to NTSC IX		120	420.3	
lost to additional IX by ATV		0	0.0	
lost to all IX		120	420.3	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	KZSD-TV	MARTIN SD	BLET -20070202AAO

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KMNE-TV	BASSETT NE	208.2	LIC	BLET -
19871103KG					
07	KMNE-TV	BASSETT NE	208.2	CP	BPEDT -
20080317ACJ					
07	KDUH-TV	SCOTTSBLUFF NE	216.2	LIC	BLCDT -
20050914AAH					
07	KEVN-TV	RAPID CITY SD	153.3	LIC	BLCT -2543
08	KSNK	MCCOOK NE	406.7	LIC	BMLCT -
20031125AMP					
08	KESD-TV	BROOKINGS SD	360.8	LIC	BLET -283
08	KESD-TV	BROOKINGS SD	360.8	CP	BPEDT -
20080214ADE					
08	KWYP-TV	LARAMIE WY	397.8	CP	BPEDT -
20080312AAZ					
08	KWYP-TV	LARAMIE WY	398.6	LIC	BLET -
20041129BBK					
09	KBHE-TV	RAPID CITY SD	152.1	LIC	BLET -
19980403KG					
09	KBHE-TV	RAPID CITY SD	152.0	APP	BPET -
20070108ABY					
07	KMNE-D.C	XBASSETT NE	208.2	APP	USERRECORD-01
Proposal causes no interference					

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Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	KZSD-TV	MARTIN SD	BSTA -20080214AEE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KMNE-TV	BASSETT NE	208.2	LIC	BLET -
19871103KG					
07	KMNE-TV	BASSETT NE	208.2	CP	BPEDT -
20080317ACJ					
07	KDUH-TV	SCOTTSBLUFF NE	216.2	LIC	BLCDDT -
20050914AAH					
07	KEVN-TV	RAPID CITY SD	153.3	LIC	BLCT -2543
08	KSNK	MCCOOK NE	406.7	LIC	BMLCT -
20031125AMP					
08	KESD-TV	BROOKINGS SD	360.8	LIC	BLET -283
08	KESD-TV	BROOKINGS SD	360.8	CP	BPEDT -
20080214ADE					
08	KWYP-TV	LARAMIE WY	397.8	CP	BPEDT -
20080312AAZ					
08	KWYP-TV	LARAMIE WY	398.6	LIC	BLET -
20041129BBK					
09	KBHE-TV	RAPID CITY SD	152.1	LIC	BLET -
19980403KG					
09	KBHE-TV	RAPID CITY SD	152.0	APP	BPET -
20070108ABY					
07	KMNE-D.C	XBASSETT NE	208.2	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.
08	KZSD-TV	MARTIN SD	BPEDT -20080214ADA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KMNE-TV	BASSETT NE	208.2	LIC	BLET -
19871103KG					
07	KMNE-TV	BASSETT NE	208.2	CP	BPEDT -
20080317ACJ					
07	KDUH-TV	SCOTTSBLUFF NE	216.2	LIC	BLCDDT -
20050914AAH					
07	KEVN-TV	RAPID CITY SD	153.3	LIC	BLCT -2543
08	KSNK	MCCOOK NE	406.7	LIC	BMLCT -
20031125AMP					
08	KESD-TV	BROOKINGS SD	360.8	LIC	BLET -283
08	KESD-TV	BROOKINGS SD	360.8	CP	BPEDT -
20080214ADE					

08	KWYP-TV	LARAMIE WY	397.8	CP	BPEDT	-
20080312AAZ						
08	KWYP-TV	LARAMIE WY	398.6	LIC	BLET	-
20041129BBK						
09	KBHE-TV	RAPID CITY SD	152.1	LIC	BLET	-
19980403KG						
09	KBHE-TV	RAPID CITY SD	152.0	APP	BPET	-
20070108ABY						
07	KMNE-D.C	XBASSETT NE	208.2	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	KMNE-D.C	XBASSETT NE	USERRECORD-01

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KBSH-TV	HAYS KS	383.8	LIC	BLCT -
20051222AES					
07	KMNE-TV	BASSETT NE	0.0	LIC	BLET -
19871103KG					
07	KMNE-TV	BASSETT NE	0.0	CP	BPEDT -
20080317ACJ					
07	KETV	OMAHA NE	308.3	LIC	BLCT -
20050114ADV					
07	KDUH-TV	SCOTTSBLUFF NE	301.2	LIC	BLCDT -
20050914AAH					
07	KEVN-TV	RAPID CITY SD	360.8	LIC	BLCT -2543
07	KTTW-DT	SIOUX FALLS SD	256.1	PLN	DTVPLN -
DTVP0036					
07	KTTW	SIOUX FALLS SD	270.4	CP MOD	BMPCDT -
20080213ACH					
08	KZSD-TV	MARTIN SD	208.2	LIC	BLET -
20070202AAO					
08	KZSD-TV	MARTIN SD	208.2	APP	BSTA -
20080214AEE					
08	KZSD-TV	MARTIN SD	208.2	CP	BPEDT -
20080214ADA					

Total scenarios = 2

Result key: 21

Scenario 1 Affected station 12

Before Analysis

Results for: 7A NE XBASSETT USERRECORD01 APP

HAAT 454.0 m, ATV ERP 17.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	48180	37023.9
not affected by terrain losses	43414	35943.9
lost to NTSC IX	42221	33598.4

lost to additional IX by ATV	8	80.6
lost to ATV IX only	42229	33679.0
lost to all IX	42229	33679.0

Potential Interfering Stations Included in above Scenario 1

7N KS HAYS	BLCT	20051222AES	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	DTVPLN	DTVP0036	PLN

Result key: 22
 Scenario 2 Affected station 12
 Before Analysis

Results for: 7A NE XBASSETT USERRECORD01 APP
 HAAT 454.0 m, ATV ERP 17.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	48180	37023.9
not affected by terrain losses	43414	35943.9
lost to NTSC IX	42221	33598.4
lost to additional IX by ATV	8	80.6
lost to ATV IX only	42229	33679.0
lost to all IX	42229	33679.0

Potential Interfering Stations Included in above Scenario 2

7N KS HAYS	BLCT	20051222AES	LIC
7N NE BASSETT	BLET	19871103KG	LIC
7N NE OMAHA	BLCT	20050114ADV	LIC
7N SD RAPID CITY	BLCT	2543	LIC
7A NE BASSETT	BPEDT	20080317ACJ	CP
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
7A SD SIOUX FALLS	BMPCDT	20080213ACH	CP

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