

Date: 04-19-2008 Time: 13:48:12

Record Selected for Analysis

KRNE-D USERRECORD-01 MERRIMAN NE US
 Channel 12 ERP 30. kW HAAT 322. m RCAMSL 01377 m
 Latitude 042-40-38 Longitude 0101-42-36
 Status APP Zone 1 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 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility does not meet maximum height/power limits

Channel 12 ERP = 30.00 HAAT = 322.

Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50,90) (km)
0.0	30.000	357.5	105.6
45.0	30.000	348.8	104.8
90.0	30.000	335.8	103.8
135.0	30.000	312.8	101.9
180.0	30.000	301.8	101.1
225.0	30.000	285.5	100.2
270.0	30.000	302.9	101.2
315.0	30.000	333.1	103.5

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

No spacing violations found to other full service stations

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	ARN
12	KRNE-D	MERRIMAN NE	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	KSNK-DT	MCCOOK NE	327.5	PLN	DTVPLN	-DTVP0103
12	KTTM	HURON SD	321.5	LIC	BLCT	-19940523KE
12	KTTM	HURON SD	321.5	APP	BMPCDT	-20080312ABD
13	KTNE-TV	ALLIANCE NE	144.6	LIC	BLET	-19781103KU
13	KTNE-TV	ALLIANCE NE	144.5	CP	BPEDT	-20080317ACQ
13	KPLO-TV	RELIANCE SD	222.6	LIC	BLCDT	-20030519AER
13	KPLO-DR	RELIANCE SD	222.6	LIC	BPRM	-20020219ABH

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Analysis of Interference to Affected Station 1

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
12	KSNK-DT	MCCOOK NE	DTVPLN	-DTVP0103

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KSNG	GARDEN CITY KS	228.6	PLN	DTVPLN	-NPLN0713
11	KGIN	GRAND ISLAND NE	181.9	PLN	DTVPLN	-NPLN0727
12	KBDITV	BROOMFIELD CO	410.1	PLN	DTVPLN	-NPLN0756
12	KWCHTV	HUTCHINSON KS	321.1	PLN	DTVPLN	-NPLN0766
12	KUONTV	LINCOLN NE	387.2	PLN	DTVPLN	-NPLN0782
13	KHGITV	KEARNEY NE	180.7	PLN	DTVPLN	-NPLN0849

Results for: 12A NE MCCOOK DTVPLN DTVP0103 PLN

HAAT 216.0 m, ATV ERP 11.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52552	24818.8
not affected by terrain losses	48772	23834.0
lost to NTSC IX	352	586.4
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	352	586.4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
08	KSNK	MCCOOK NE	DTVPLN	-NPLN0552

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KBSHTV	HAYS KS	157.5	PLN	DTVPLN	-NPLN0473
08	KTSC	PUEBLO CO	377.6	PLN	DTVPLN	-NPLN0524
08	KPTS	HUTCHINSON KS	320.6	PLN	DTVPLN	-NPLN0535
08	KLKN	LINCOLN NE	310.5	PLN	DTVPLN	-NPLN0551
08	KZSDTV	MARTIN SD	406.9	PLN	DTVPLN	-NPLN0564
09	KOOD	HAYS KS	205.8	PLN	DTVPLN	-NPLN0597
09	KPNETV	NORTH PLATTE NE	137.8	PLN	DTVPLN	-NPLN0611

Results for: 8N NE MCCOOK DTVPLN NPLN0552 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	52550	24807.0
not affected by terrain losses	47408	23456.2
lost to NTSC IX	3453	2026.7
lost to additional IX by ATV	0	0.0
lost to all IX	3453	2026.7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	KSNK-DT	MCCOOK NE	DTVPLN	-DTVP0103

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KSNG	GARDEN CITY KS	228.6	LIC	BLCT	-2479
11	KSNG	GARDEN CITY KS	228.6	APP	BPCDT	-20080401ASQ
11	KGIN	GRAND ISLAND NE	181.8	CP	BPCDT	-20080414AAU
11	KGIN	GRAND ISLAND NE	181.8	CP	BPCT	-20050315AFL
12	KBDI-TV	BROOMFIELD CO	410.1	LIC	BLET	-20041213ACI
12	KWCH-TV	HUTCHINSON KS	321.2	LIC	BMLCT	-20040826AAF
12	KWCH-TV	HUTCHINSON KS	321.2	CP	BPCDT	-20080313ACP
12	KUON-TV	LINCOLN NE	387.2	CP	BPEDT	-20080324AHY
12	KUON-TV	LINCOLN NE	387.2	LIC	BMLET	-20030728AEB
13	KHGI-TV	KEARNEY NE	180.7	LIC	BMLCT	-20020107ABG
12	KRNE-D	MERRIMAN NE	327.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 12A NE MCCOOK DTVPLN DTVP0103 PLN
HAAT 216.0 m, ATV ERP 11.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52552	24818.8
not affected by terrain losses	48772	23834.0
lost to NTSC IX	354	590.3
lost to additional IX by ATV	7	2.0
lost to ATV IX only	179	235.1
lost to all IX	361	592.3

Potential Interfering Stations Included in above Scenario 1

12N KS HUTCHINSON	BMLCT	20040826AAF	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A KS HUTCHINSON	BPCDT	20080313ACP	CP
12A NE LINCOLN	BPEDT	20080324AHY	CP

After Analysis

Results for: 12A NE MCCOOK DTVPLN DTVP0103 PLN
HAAT 216.0 m, ATV ERP 11.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52552	24818.8
not affected by terrain losses	48772	23834.0
lost to NTSC IX	354	590.3
lost to additional IX by ATV	24	61.0
lost to ATV IX only	196	294.2
lost to all IX	378	651.3

Potential Interfering Stations Included in above Scenario 1

12N KS HUTCHINSON	BMLCT	20040826AAF	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A KS HUTCHINSON	BPCDT	20080313ACP	CP
12A NE LINCOLN	BPEDT	20080324AHY	CP
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to DTVPLN	DTVP0103
*Percent Service lost with proposal:	0.1	to DTVPLN	DTVP0103

Result key: 2
Scenario 2 Affected station 1
Before Analysis

Results for: 12A NE MCCOOK DTVPLN DTVP0103 PLN
HAAT 216.0 m, ATV ERP 11.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52552	24818.8
not affected by terrain losses	48772	23834.0
lost to NTSC IX	354	590.3
lost to additional IX by ATV	7	2.0
lost to ATV IX only	179	235.1
lost to all IX	361	592.3

Potential Interfering Stations Included in above Scenario 2

12N KS HUTCHINSON	BMLCT	20040826AAF	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A KS HUTCHINSON	BPCDT	20080313ACP	CP
12A NE LINCOLN	BPEDT	20080324AHY	CP

After Analysis

Results for: 12A NE MCCOOK DTVPLN DTVP0103 PLN

HAAT 216.0 m, ATV ERP 11.6 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	52552	24818.8
not affected by terrain losses	48772	23834.0
lost to NTSC IX	354	590.3
lost to additional IX by ATV	24	61.0
lost to ATV IX only	196	294.2
lost to all IX	378	651.3

Potential Interfering Stations Included in above Scenario 2

12N KS HUTCHINSON	BMLCT	20040826AAF	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A KS HUTCHINSON	BPCDT	20080313ACP	CP
12A NE LINCOLN	BPEDT	20080324AHY	CP
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to DTVPLN	DTVP0103
*Percent Service lost with proposal:	0.1	to DTVPLN	DTVP0103

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Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
12	KTTM	HURON SD	DTVPLN	-NPLN0794

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KQSDTV	LOWRY SD	178.2	PLN	DTVPLN	-NPLN0739
11	KELOTV	SIOUX FALLS SD	161.4	PLN	DTVPLN	-NPLN0740
12	KEYCTV	MANKATO MN	313.3	PLN	DTVPLN	-NPLN0771
12	KXMBTV	BISMARCK ND	329.4	PLN	DTVPLN	-NPLN0780
12	KUONTV	LINCOLN NE	372.2	PLN	DTVPLN	-NPLN0782
13	KSFYTV	SIOUX FALLS SD	161.4	PLN	DTVPLN	-NPLN0863

Results for: 12N SD HURON DTVPLN NPLN0794 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	81366	26875.8
not affected by terrain losses	78029	25265.7
lost to NTSC IX	7142	2774.5
lost to additional IX by ATV	0	0.0
lost to all IX	7142	2774.5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	KTTM	HURON SD	BLCT	-19940523KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KQSD-TV	LOWRY SD	178.4	CP	BPEDT	-20080214ADB
11	KQSD-TV	LOWRY SD	178.4	APP	BSTA	-20080214AEC
11	KQSD-TV	LOWRY SD	178.4	LIC	BLET	-20070202AAL
11	KELO-TV	SIOUX FALLS SD	161.4	CP	BPCDT	-20080317AER
11	KELO-TV	SIOUX FALLS SD	161.4	LIC	BLCT	-1720
12	KEYC-TV	MANKATO MN	313.3	LIC	BLCT	-2071
12	KXMB-TV	BISMARCK ND	329.5	CP	BPCDT	-20080320ABC

12	KXMB-TV	BISMARCK ND	329.4	LIC	BLCT	-2615
12	KUON-TV	LINCOLN NE	372.2	CP	BPEDT	-20080324AHY
12	KUON-TV	LINCOLN NE	372.2	LIC	BMLET	-20030728AEB
13	KPLO-TV	RELIANCE SD	105.7	LIC	BLCDDT	-20030519AER
13	KPLO-DR	RELIANCE SD	105.7	LIC	BPRM	-20020219ABH
13	KSFY-TV	SIOUX FALLS SD	161.4	LIC	BLCT	-1723
13	KSFY-TV	SIOUX FALLS SD	161.4	CP	BPCDDT	-20080408AEO
12	KRNE-D	MERRIMAN NE	321.5	APP	USERRECORD-01	

Total scenarios = 4

Result key: 3
Scenario 1 Affected station 2
Before Analysis

Results for: 12N SD HURON	BLCT	19940523KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	81366	26875.8	
not affected by terrain losses	78029	25265.7	
lost to NTSC IX	7142	2774.5	
lost to additional IX by ATV	326	460.6	
lost to all IX	7468	3235.1	

Potential Interfering Stations Included in above Scenario 1

11N SD LOWRY	BLET	20070202AAL	LIC
11N SD SIOUX FALLS	BLCT	1720	LIC
12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
13N SD SIOUX FALLS	BLCT	1723	LIC
12A ND BISMARCK	BPCDDT	20080320ABC	CP
13A SD RELIANCE	BLCDDT	20030519AER	LIC

After Analysis

Results for: 12N SD HURON	BLCT	19940523KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	81366	26875.8	
not affected by terrain losses	78029	25265.7	
lost to NTSC IX	7142	2774.5	
lost to additional IX by ATV	639	630.9	
lost to all IX	7781	3405.4	

Potential Interfering Stations Included in above Scenario 1

11N SD LOWRY	BLET	20070202AAL	LIC
11N SD SIOUX FALLS	BLCT	1720	LIC
12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
13N SD SIOUX FALLS	BLCT	1723	LIC
12A ND BISMARCK	BPCDDT	20080320ABC	CP
13A SD RELIANCE	BLCDDT	20030519AER	LIC
12A NE MERRIMAN	USERRECORD01	APP	
*Percent new DTV interference without proposal:	0.4	BLCT	19940523KE
*Percent new DTV interference with proposal:	0.8	BLCT	19940523KE

Result key: 4
Scenario 2 Affected station 2
Before Analysis

Results for: 12N SD HURON	BLCT	19940523KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	81366	26875.8	
not affected by terrain losses	78029	25265.7	
lost to NTSC IX	7142	2774.5	
lost to additional IX by ATV	404	564.9	
lost to all IX	7546	3339.4	

Potential Interfering Stations Included in above Scenario 2

11N SD LOWRY	BLET	20070202AAL	LIC
11N SD SIOUX FALLS	BLCT	1720	LIC
12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
13N SD SIOUX FALLS	BLCT	1723	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 12N SD HURON	BLCT	19940523KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	81366	26875.8	
not affected by terrain losses	78029	25265.7	
lost to NTSC IX	7142	2774.5	
lost to additional IX by ATV	706	703.7	
lost to all IX	7848	3478.2	

Potential Interfering Stations Included in above Scenario 2

11N SD LOWRY	BLET	20070202AAL	LIC
11N SD SIOUX FALLS	BLCT	1720	LIC
12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
13N SD SIOUX FALLS	BLCT	1723	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent new DTV interference without proposal:	0.5	BLCT	19940523KE
*Percent new DTV interference with proposal:	0.9	BLCT	19940523KE

Result key: 5

Scenario 3 Affected station 2

Before Analysis

Results for: 12N SD HURON	BLCT	19940523KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	81366	26875.8	
not affected by terrain losses	78029	25265.7	
lost to NTSC IX	7142	2774.5	
lost to additional IX by ATV	326	460.6	
lost to all IX	7468	3235.1	

Potential Interfering Stations Included in above Scenario 3

11N SD LOWRY	BLET	20070202AAL	LIC
11N SD SIOUX FALLS	BLCT	1720	LIC
12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
13N SD SIOUX FALLS	BLCT	1723	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 12N SD HURON	BLCT	19940523KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	81366	26875.8	
not affected by terrain losses	78029	25265.7	
lost to NTSC IX	7142	2774.5	
lost to additional IX by ATV	639	630.9	
lost to all IX	7781	3405.4	

Potential Interfering Stations Included in above Scenario 3

11N SD LOWRY	BLET	20070202AAL	LIC
11N SD SIOUX FALLS	BLCT	1720	LIC
12N MN MANKATO	BLCT	2071	LIC

12N ND BISMARCK	BLCT	2615	LIC	
12N NE LINCOLN	BMLET	20030728AEB	LIC	
13N SD SIOUX FALLS	BLCT	1723	LIC	
12A ND BISMARCK	BPCDT	20080320ABC	CP	
13A SD RELIANCE	BLCDT	20030519AER	LIC	
12A NE MERRIMAN	USERRECORD01		APP	
*Percent new DTV interference without proposal:			0.4	BLCT 19940523KE
*Percent new DTV interference with proposal:			0.8	BLCT 19940523KE

Result key: 6

Scenario 4 Affected station 2

Before Analysis

Results for: 12N SD HURON	BLCT	19940523KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	81366	26875.8	
not affected by terrain losses	78029	25265.7	
lost to NTSC IX	7142	2774.5	
lost to additional IX by ATV	404	564.9	
lost to all IX	7546	3339.4	

Potential Interfering Stations Included in above Scenario 4

11N SD LOWRY	BLET	20070202AAL	LIC
11N SD SIOUX FALLS	BLCT	1720	LIC
12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
13N SD SIOUX FALLS	BLCT	1723	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 12N SD HURON	BLCT	19940523KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	81366	26875.8	
not affected by terrain losses	78029	25265.7	
lost to NTSC IX	7142	2774.5	
lost to additional IX by ATV	706	703.7	
lost to all IX	7848	3478.2	

Potential Interfering Stations Included in above Scenario 4

11N SD LOWRY	BLET	20070202AAL	LIC
11N SD SIOUX FALLS	BLCT	1720	LIC
12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
13N SD SIOUX FALLS	BLCT	1723	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent new DTV interference without proposal:			0.5 BLCT 19940523KE
*Percent new DTV interference with proposal:			0.9 BLCT 19940523KE

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	KTTM	HURON SD	BMPCDT	-20080312ABD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KQSD-TV	LOWRY SD	178.4	CP	BPEDT	-20080214ADB
11	KQSD-TV	LOWRY SD	178.4	APP	BSTA	-20080214AEC

11	KQSD-TV	LOWRY SD	178.4	LIC	BLET	-20070202AAL
11	KELO-TV	SIOUX FALLS SD	161.4	CP	BPCDT	-20080317AER
11	KELO-TV	SIOUX FALLS SD	161.4	LIC	BLCT	-1720
12	KEYC-TV	MANKATO MN	313.3	LIC	BLCT	-2071
12	KCCW-TV	WALKER MN	427.8	LIC	BLCT	-19990720LE
12	KXMB-TV	BISMARCK ND	329.5	CP	BPCDT	-20080320ABC
12	KXMB-TV	BISMARCK ND	329.4	LIC	BLCT	-2615
12	KUON-TV	LINCOLN NE	372.2	CP	BPEDT	-20080324AHY
12	KUON-TV	LINCOLN NE	372.2	LIC	BMLET	-20030728AEB
13	KPLO-TV	RELIANCE SD	105.7	LIC	BLCDT	-20030519AER
13	KPLO-DR	RELIANCE SD	105.7	LIC	BPRM	-20020219ABH
13	KSFY-TV	SIOUX FALLS SD	161.4	LIC	BLCT	-1723
13	KSFY-TV	SIOUX FALLS SD	161.4	CP	BPCDT	-20080408AEO
12	KRNE-D	MERRIMAN NE	321.5	APP	USERRECORD-01	

Total scenarios = 4

Result key: 7
Scenario 1 Affected station 3
Before Analysis

Results for: 12A SD HURON BMPCDT 20080312ABD APP
HAAT 257.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	68300	22713.6
not affected by terrain losses	67308	21864.2
lost to NTSC IX	300	387.8
lost to additional IX by ATV	815	533.4
lost to ATV IX only	836	626.9
lost to all IX	1115	921.2

Potential Interfering Stations Included in above Scenario 1

12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 12A SD HURON BMPCDT 20080312ABD APP
HAAT 257.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	68300	22713.6
not affected by terrain losses	67308	21864.2
lost to NTSC IX	300	387.8
lost to additional IX by ATV	841	576.7
lost to ATV IX only	862	675.2
lost to all IX	1141	964.5

Potential Interfering Stations Included in above Scenario 1

12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BMPCDT	20080312ABD
*Percent Service lost with proposal:	0.0	to BMPCDT	20080312ABD

Result key: 8
Scenario 2 Affected station 3
Before Analysis

Results for: 12A SD HURON BMPCDT 20080312ABD APP
HAAT 257.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	68300	22713.6
not affected by terrain losses	67308	21864.2

lost to NTSC IX	300	387.8
lost to additional IX by ATV	1164	650.6
lost to ATV IX only	1185	746.0
lost to all IX	1464	1038.3

Potential Interfering Stations Included in above Scenario 2

12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 12A SD HURON BMPCDT 20080312ABD APP

HAAT 257.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	68300	22713.6
not affected by terrain losses	67308	21864.2
lost to NTSC IX	300	387.8
lost to additional IX by ATV	1190	688.0
lost to ATV IX only	1211	788.4
lost to all IX	1490	1075.7

Potential Interfering Stations Included in above Scenario 2

12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BMPCDT	20080312ABD
*Percent Service lost with proposal:	0.0	to BMPCDT	20080312ABD

Result key:

9

Scenario 3 Affected station 3

Before Analysis

Results for: 12A SD HURON BMPCDT 20080312ABD APP

HAAT 257.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	68300	22713.6
not affected by terrain losses	67308	21864.2
lost to NTSC IX	300	387.8
lost to additional IX by ATV	815	533.4
lost to ATV IX only	836	626.9
lost to all IX	1115	921.2

Potential Interfering Stations Included in above Scenario 3

12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 12A SD HURON BMPCDT 20080312ABD APP

HAAT 257.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	68300	22713.6
not affected by terrain losses	67308	21864.2
lost to NTSC IX	300	387.8
lost to additional IX by ATV	841	576.7
lost to ATV IX only	862	675.2
lost to all IX	1141	964.5

Potential Interfering Stations Included in above Scenario 3

12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BMPCDT 20080312ABD
*Percent Service lost with proposal:		0.0	to BMPCDT 20080312ABD

Result key: 10
Scenario 4 Affected station 3
Before Analysis

Results for: 12A SD HURON		BMPCDT	20080312ABD	APP
HAAT	257.0 m, ATV ERP	5.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	68300	22713.6		
not affected by terrain losses	67308	21864.2		
lost to NTSC IX	300	387.8		
lost to additional IX by ATV	1164	650.6		
lost to ATV IX only	1185	746.0		
lost to all IX	1464	1038.3		

Potential Interfering Stations Included in above Scenario 4

12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 12A SD HURON		BMPCDT	20080312ABD	APP
HAAT	257.0 m, ATV ERP	5.0 kW		
	POPULATION	AREA (sq km)		
within Noise Limited Contour	68300	22713.6		
not affected by terrain losses	67308	21864.2		
lost to NTSC IX	300	387.8		
lost to additional IX by ATV	1190	688.0		
lost to ATV IX only	1211	788.4		
lost to all IX	1490	1075.7		

Potential Interfering Stations Included in above Scenario 4

12N MN MANKATO	BLCT	2071	LIC
12N ND BISMARCK	BLCT	2615	LIC
12N NE LINCOLN	BMLET	20030728AEB	LIC
12A ND BISMARCK	BPCDT	20080320ABC	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BMPCDT 20080312ABD
*Percent Service lost with proposal:		0.0	to BMPCDT 20080312ABD

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Analysis of Interference to Affected Station 4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
13	KTNETV	ALLIANCE NE	DTVPLN	-NPLN0848

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
13	KRDOTV	COLORADO SPRINGS CO	376.4	PLN	DTVPLN	-NPLN0820
13	KHGITV	KEARNEY NE	373.7	PLN	DTVPLN	-NPLN0849
13	KPSDTV	EAGLE BUTTE SD	363.1	PLN	DTVPLN	-NPLN0862
13	NEW	CASPER WY	286.3	PLN	DTVPLN	-NPLN0876

Results for: 13N NE ALLIANCE	DTVPLN	NPLN0848	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	9917	2680.8	
lost to additional IX by ATV	0	0.0	
lost to all IX	9917	2680.8	

Analysis of current record			
Channel	Call	City/State	Application Ref. No.
13	KTNE-TV	ALLIANCE NE	BLET -19781103KU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
13	KBDI-TV	BROOMFIELD CO	315.9	APP	BMPEDT -20080410ABS
13	NEW	BROOMFIELD CO	315.9	APP	BPRM -20070724ACW
13	KRDO-TV	COLORADO SPRINGS CO	376.4	LIC	BLCT -19801015KF
13	KHGI-TV	KEARNEY NE	373.7	LIC	BMLCT -20020107ABG
13	KPSD-TV	EAGLE BUTTE SD	363.1	APP	BSTA -20051110AAX
13	KPSD-TV	EAGLE BUTTE SD	362.9	CP	BPEDT -20080214ADD
13	KPSD-TV	EAGLE BUTTE SD	362.9	LIC	BLET -20070202AAP
13	KPSD-TV	EAGLE BUTTE SD	363.1	APP	BSTA -20061129AMJ
13	KPLO-TV	RELIANCE SD	367.1	LIC	BLCDT -20030519AER
13	KPLO-DR	RELIANCE SD	367.1	LIC	BPRM -20020219ABH
13	KCWY	CASPER WY	285.6	CP	BPCT -20060703ACA
12	KRNE-D	MERRIMAN NE	144.6	APP	USERRECORD-01

Total scenarios = 8

Result key:	11
Scenario	1 Affected station 4
Before Analysis	

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	0	48.9	
lost to all IX	959	1158.5	

Potential Interfering Stations Included in above Scenario 1

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	26	118.3	
lost to all IX	985	1228.0	

Potential Interfering Stations Included in above Scenario 1

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC
12A NE MERRIMAN	USERRECORD01	APP	

*Percent new DTV interference without proposal:	0.0	BLET	19781103KU
*Percent new DTVinterference with proposal:	0.0	BLET	19781103KU

Result key: 12
Scenario 2 Affected station 4
Before Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	2	63.5	
lost to all IX	961	1173.2	

Potential Interfering Stations Included in above Scenario 2

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	28	130.0	
lost to all IX	987	1239.7	

Potential Interfering Stations Included in above Scenario 2

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01	APP	
*Percent new DTV interference without proposal:	0.0	BLET	19781103KU
*Percent new DTV interference with proposal:	0.0	BLET	19781103KU

Result key: 13
Scenario 3 Affected station 4
Before Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	4391	3261.5	
lost to all IX	5350	4371.2	

Potential Interfering Stations Included in above Scenario 3

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BMPEDT	20080410ABS	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	4417	3330.9	
lost to all IX	5376	4440.6	

Potential Interfering Stations Included in above Scenario 3

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC		
13N NE KEARNEY	BMLCT	20020107ABG	LIC		
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC		
13A CO BROOMFIELD	BMPEDT	20080410ABS	APP		
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP		
13A SD RELIANCE	BLCDT	20030519AER	LIC		
12A NE MERRIMAN	USERRECORD01		APP		
*Percent new DTV interference without proposal:				4.7	BLET 19781103KU
*Percent new DTV interference with proposal:				4.7	BLET 19781103KU

Result key: 14
Scenario 4 Affected station 4
Before Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	4393	3276.2	
lost to all IX	5352	4385.9	

Potential Interfering Stations Included in above Scenario 4

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BMPEDT	20080410ABS	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	4419	3342.7	
lost to all IX	5378	4452.3	

Potential Interfering Stations Included in above Scenario 4

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BMPEDT	20080410ABS	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent new DTV interference without proposal:			
*Percent new DTV interference with proposal:			

Result key: 15
Scenario 5 Affected station 4
Before Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	4385	3240.0	
lost to all IX	5344	4349.7	

Potential Interfering Stations Included in above Scenario 5

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
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13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BPRM	20070724ACW	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	4411	3309.4	
lost to all IX	5370	4419.1	

Potential Interfering Stations Included in above Scenario 5

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BPRM	20070724ACW	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC
12A NE MERRIMAN	USERRECORD01	APP	
*Percent new DTV interference without proposal:	4.7	BLET	19781103KU
*Percent new DTV interference with proposal:	4.7	BLET	19781103KU

Result key: 16
Scenario 6 Affected station 4
Before Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	4387	3254.7	
lost to all IX	5346	4364.4	

Potential Interfering Stations Included in above Scenario 6

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BPRM	20070724ACW	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 13N NE ALLIANCE	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	4413	3321.2	
lost to all IX	5372	4430.8	

Potential Interfering Stations Included in above Scenario 6

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BPRM	20070724ACW	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01	APP	
*Percent new DTV interference without proposal:	4.7	BLET	19781103KU
*Percent new DTV interference with proposal:	4.7	BLET	19781103KU

Result key: 17
 Scenario 7 Affected station 4
 Before Analysis

Results for: 13N NE ALLIANCE

	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	0	48.9	
lost to all IX	959	1158.5	

Potential Interfering Stations Included in above Scenario 7

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 13N NE ALLIANCE

	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	26	118.3	
lost to all IX	985	1228.0	

Potential Interfering Stations Included in above Scenario 7

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC
12A NE MERRIMAN	USERRECORD01		APP

*Percent new DTV interference without proposal:	0.0	BLET	19781103KU
*Percent new DTV interference with proposal:	0.0	BLET	19781103KU

Result key: 18
 Scenario 8 Affected station 4
 Before Analysis

Results for: 13N NE ALLIANCE

	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	2	63.5	
lost to all IX	961	1173.2	

Potential Interfering Stations Included in above Scenario 8

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 13N NE ALLIANCE

	BLET	19781103KU	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93704	37910.4	
not affected by terrain losses	89168	34237.3	
lost to NTSC IX	959	1109.7	
lost to additional IX by ATV	28	130.0	
lost to all IX	987	1239.7	

Potential Interfering Stations Included in above Scenario 8

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01		APP

*Percent new DTV interference without proposal: 0.0 BLET 19781103KU

*Percent new DTV interference with proposal: 0.0 BLET 19781103KU

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	KTNE-TV	ALLIANCE NE	BPEDT	-20080317ACQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
13	KBDI-TV	BROOMFIELD CO	316.0	APP	BMPEDT	-20080410ABS
13	NEW	BROOMFIELD CO	316.0	APP	BPRM	-20070724ACW
13	KRDO-TV	COLORADO SPRINGS CO	376.5	LIC	BLCT	-19801015KF
13	KHGI-TV	KEARNEY NE	373.8	LIC	BMLCT	-20020107ABG
13	KPSD-TV	EAGLE BUTTE SD	363.0	APP	BSTA	-20051110AAX
13	KPSD-TV	EAGLE BUTTE SD	362.8	CP	BPEDT	-20080214ADD
13	KPSD-TV	EAGLE BUTTE SD	362.8	LIC	BLET	-20070202AAP
13	KPSD-TV	EAGLE BUTTE SD	363.0	APP	BSTA	-20061129AMJ
13	KPLO-TV	RELIANCE SD	367.1	LIC	BLCDT	-20030519AER
13	KPLO-DR	RELIANCE SD	367.1	LIC	BPRM	-20020219ABH
13	KCWY	CASPER WY	285.5	CP	BPCT	-20060703ACA
12	KRNE-D	MERRIMAN NE	144.5	APP	USERRECORD-01	

Total scenarios = 8

Result key: 19

Scenario 1 Affected station 5

Before Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP

HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	6	30.3
lost to ATV IX only	24	199.4
lost to all IX	209	561.1

Potential Interfering Stations Included in above Scenario 1

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP

HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	36	140.8
lost to ATV IX only	54	346.1
lost to all IX	239	671.6

Potential Interfering Stations Included in above Scenario 1

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC	
13N NE KEARNEY	BMLCT	20020107ABG	LIC	
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC	
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP	
13A SD RELIANCE	BLCDT	20030519AER	LIC	
12A NE MERRIMAN	USERRECORD01		APP	
*Percent Service lost without proposal:	0.0	to BPEDT	20080317ACQ	
*Percent Service lost with proposal:	0.0	to BPEDT	20080317ACQ	

Result key: 20
Scenario 2 Affected station 5
Before Analysis

Results for: 13A NE ALLIANCE	BPEDT	20080317ACQ	CP
HAAT 466.0 m, ATV ERP 17.5 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93091	37524.6	
not affected by terrain losses	89909	35125.6	
lost to NTSC IX	203	530.8	
lost to additional IX by ATV	6	33.2	
lost to ATV IX only	24	209.2	
lost to all IX	209	564.1	

Potential Interfering Stations Included in above Scenario 2

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 13A NE ALLIANCE	BPEDT	20080317ACQ	CP
HAAT 466.0 m, ATV ERP 17.5 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93091	37524.6	
not affected by terrain losses	89909	35125.6	
lost to NTSC IX	203	530.8	
lost to additional IX by ATV	36	142.7	
lost to ATV IX only	54	351.9	
lost to all IX	239	673.6	

Potential Interfering Stations Included in above Scenario 2

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPEDT	20080317ACQ
*Percent Service lost with proposal:	0.0	to BPEDT	20080317ACQ

Result key: 21
Scenario 3 Affected station 5
Before Analysis

Results for: 13A NE ALLIANCE	BPEDT	20080317ACQ	CP
HAAT 466.0 m, ATV ERP 17.5 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93091	37524.6	
not affected by terrain losses	89909	35125.6	
lost to NTSC IX	203	530.8	
lost to additional IX by ATV	1075	1887.7	
lost to ATV IX only	1183	2127.2	
lost to all IX	1278	2418.5	

Potential Interfering Stations Included in above Scenario 3

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BMPEDT	20080410ABS	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP
HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	1105	1998.2
lost to ATV IX only	1213	2273.9
lost to all IX	1308	2529.0

Potential Interfering Stations Included in above Scenario 3

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BMPEDT	20080410ABS	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPEDT	20080317ACQ
*Percent Service lost with proposal:	0.0	to BPEDT	20080317ACQ

Result key: 22
Scenario 4 Affected station 5
Before Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP
HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	1075	1890.6
lost to ATV IX only	1183	2137.0
lost to all IX	1278	2421.5

Potential Interfering Stations Included in above Scenario 4

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BMPEDT	20080410ABS	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP
HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	1105	2000.1
lost to ATV IX only	1213	2279.7
lost to all IX	1308	2531.0

Potential Interfering Stations Included in above Scenario 4

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC

13N SD EAGLE BUTTE	BLET	20070202AAP	LIC	
13A CO BROOMFIELD	BMPEDT	20080410ABS	APP	
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP	
13A SD RELIANCE	BPRM	20020219ABH	LIC	
12A NE MERRIMAN	USERRECORD01		APP	
*Percent Service lost without proposal:		0.0	to BPEDT	20080317ACQ
*Percent Service lost with proposal:		0.0	to BPEDT	20080317ACQ

Result key: 23
Scenario 5 Affected station 5
Before Analysis

Results for: 13A NE ALLIANCE	BPEDT	20080317ACQ	CP
HAAT 466.0 m, ATV ERP 17.5 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93091	37524.6	
not affected by terrain losses	89909	35125.6	
lost to NTSC IX	203	530.8	
lost to additional IX by ATV	1057	1878.9	
lost to ATV IX only	1165	2118.4	
lost to all IX	1260	2409.7	

Potential Interfering Stations Included in above Scenario 5

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BPRM	20070724ACW	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 13A NE ALLIANCE	BPEDT	20080317ACQ	CP
HAAT 466.0 m, ATV ERP 17.5 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93091	37524.6	
not affected by terrain losses	89909	35125.6	
lost to NTSC IX	203	530.8	
lost to additional IX by ATV	1087	1989.4	
lost to ATV IX only	1195	2265.1	
lost to all IX	1290	2520.2	

Potential Interfering Stations Included in above Scenario 5

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC	
13N NE KEARNEY	BMLCT	20020107ABG	LIC	
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC	
13A CO BROOMFIELD	BPRM	20070724ACW	APP	
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP	
13A SD RELIANCE	BLCDT	20030519AER	LIC	
12A NE MERRIMAN	USERRECORD01		APP	
*Percent Service lost without proposal:		0.0	to BPEDT	20080317ACQ
*Percent Service lost with proposal:		0.0	to BPEDT	20080317ACQ

Result key: 24
Scenario 6 Affected station 5
Before Analysis

Results for: 13A NE ALLIANCE	BPEDT	20080317ACQ	CP
HAAT 466.0 m, ATV ERP 17.5 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	93091	37524.6	
not affected by terrain losses	89909	35125.6	
lost to NTSC IX	203	530.8	
lost to additional IX by ATV	1057	1881.8	
lost to ATV IX only	1165	2128.2	
lost to all IX	1260	2412.7	

Potential Interfering Stations Included in above Scenario 6

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BPRM	20070724ACW	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP
 HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	1087	1991.3
lost to ATV IX only	1195	2270.9
lost to all IX	1290	2522.2

Potential Interfering Stations Included in above Scenario 6

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A CO BROOMFIELD	BPRM	20070724ACW	APP
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPEDT	20080317ACQ
*Percent Service lost with proposal:	0.0	to BPEDT	20080317ACQ

Result key: 25
 Scenario 7 Affected station 5
 Before Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP
 HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	6	30.3
lost to ATV IX only	24	199.4
lost to all IX	209	561.1

Potential Interfering Stations Included in above Scenario 7

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

After Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP
 HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	36	140.8
lost to ATV IX only	54	346.1
lost to all IX	239	671.6

Potential Interfering Stations Included in above Scenario 7

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BLCDT	20030519AER	LIC

12A NE MERRIMAN USERRECORD01 APP
 *Percent Service lost without proposal: 0.0 to BPEDT 20080317ACQ
 *Percent Service lost with proposal: 0.0 to BPEDT 20080317ACQ

Result key: 26
 Scenario 8 Affected station 5
 Before Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP
 HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	6	33.2
lost to ATV IX only	24	209.2
lost to all IX	209	564.1

Potential Interfering Stations Included in above Scenario 8

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC

After Analysis

Results for: 13A NE ALLIANCE BPEDT 20080317ACQ CP
 HAAT 466.0 m, ATV ERP 17.5 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	93091	37524.6
not affected by terrain losses	89909	35125.6
lost to NTSC IX	203	530.8
lost to additional IX by ATV	36	142.7
lost to ATV IX only	54	351.9
lost to all IX	239	673.6

Potential Interfering Stations Included in above Scenario 8

13N CO COLORADO SPRINGS	BLCT	19801015KF	LIC
13N NE KEARNEY	BMLCT	20020107ABG	LIC
13N SD EAGLE BUTTE	BLET	20070202AAP	LIC
13A SD EAGLE BUTTE	BPEDT	20080214ADD	CP
13A SD RELIANCE	BPRM	20020219ABH	LIC
12A NE MERRIMAN	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPEDT	20080317ACQ
*Percent Service lost with proposal:	0.0	to BPEDT	20080317ACQ

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	KPLO-TV	RELIANCE SD	BLCDDT	-20030519AER

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	KTTM	HURON SD	105.7	LIC	BLCT	-19940523KE
12	KTTM	HURON SD	105.7	APP	BMPCDT	-20080312ABD
13	KFME	FARGO ND	387.2	LIC	BLET	-19810616KH
13	KFME	FARGO ND	387.1	CP	BPEDT	-20080229ACC
13	KTNE-TV	ALLIANCE NE	367.1	LIC	BLET	-19781103KU
13	KTNE-TV	ALLIANCE NE	367.1	CP	BPEDT	-20080317ACQ
13	KHGI-TV	KEARNEY NE	372.6	LIC	BMLCT	-20020107ABG
13	KPSD-TV	EAGLE BUTTE SD	243.0	APP	BSTA	-20051110AAX
13	KPSD-TV	EAGLE BUTTE SD	243.0	CP	BPEDT	-20080214ADD

13	KPSD-TV	EAGLE BUTTE SD	243.0	LIC	BLET	-20070202AAP
13	KPSD-TV	EAGLE BUTTE SD	243.0	APP	BSTA	-20061129AMJ
13	KSFY-TV	SIOUX FALLS SD	251.3	LIC	BLCT	-1723
13	KSFY-TV	SIOUX FALLS SD	251.3	CP	BPCDT	-20080408AEO
12	KRNE-D	MERRIMAN NE	222.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
13	KPLO-DR	RELIANCE SD	BPRM	-20020219ABH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	KTTM	HURON SD	105.7	LIC	BLCT	-19940523KE
12	KTTM	HURON SD	105.7	APP	BMPCDT	-20080312ABD
13	KFME	FARGO ND	387.2	LIC	BLET	-19810616KH
13	KFME	FARGO ND	387.1	CP	BPEDT	-20080229ACC
13	KTNE-TV	ALLIANCE NE	367.1	LIC	BLET	-19781103KU
13	KTNE-TV	ALLIANCE NE	367.1	CP	BPEDT	-20080317ACQ
13	KHGI-TV	KEARNEY NE	372.6	LIC	BMLCT	-20020107ABG
13	KPSD-TV	EAGLE BUTTE SD	243.0	APP	BSTA	-20051110AAX
13	KPSD-TV	EAGLE BUTTE SD	243.0	CP	BPEDT	-20080214ADD
13	KPSD-TV	EAGLE BUTTE SD	243.0	LIC	BLET	-20070202AAP
13	KPSD-TV	EAGLE BUTTE SD	243.0	APP	BSTA	-20061129AMJ
13	KSFY-TV	SIOUX FALLS SD	251.3	LIC	BLCT	-1723
13	KSFY-TV	SIOUX FALLS SD	251.3	CP	BPCDT	-20080408AEO
12	KRNE-D	MERRIMAN NE	222.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	KRNE-D	MERRIMAN NE	USERRECORD-01	

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	KSNK-DT	MCCOOK NE	327.5	PLN	DTVPLN	-DTVP0103
12	KTTM	HURON SD	321.5	LIC	BLCT	-19940523KE
12	KTTM	HURON SD	321.5	APP	BMPCDT	-20080312ABD
13	KTNE-TV	ALLIANCE NE	144.6	LIC	BLET	-19781103KU
13	KTNE-TV	ALLIANCE NE	144.5	CP	BPEDT	-20080317ACQ
13	KPLO-TV	RELIANCE SD	222.6	LIC	BLCDT	-20030519AER
13	KPLO-DR	RELIANCE SD	222.6	LIC	BPRM	-20020219ABH

Total scenarios = 3

Result key:

27

Scenario 1 Affected station

8

Before Analysis

Results for: 12A NE MERRIMAN

USERRECORD01

APP

HAAT 322.0 m, ATV ERP 30.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	35946	33164.2
not affected by terrain losses	31706	30056.9
lost to NTSC IX	1475	784.2
lost to additional IX by ATV	83	458.7
lost to ATV IX only	91	492.2
lost to all IX	1558	1242.9

Potential Interfering Stations Included in above Scenario 1

12N SD HURON	BLCT	19940523KE	LIC
13N NE ALLIANCE	BLET	19781103KU	LIC
12A NE MCCOOK	DTVPLN	DTVP0103	PLN
13A NE ALLIANCE	BPEDT	20080317ACQ	CP

Result key: 28
Scenario 2 Affected station 8
Before Analysis

Results for: 12A NE MERRIMAN USERRECORD01 APP

HAAT 322.0 m, ATV ERP 30.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	35946	33164.2
not affected by terrain losses	31706	30056.9
lost to NTSC IX	1475	784.2
lost to additional IX by ATV	83	458.7
lost to ATV IX only	130	552.4
lost to all IX	1558	1242.9

Potential Interfering Stations Included in above Scenario 2

12N SD HURON	BLCT	19940523KE	LIC
13N NE ALLIANCE	BLET	19781103KU	LIC
12A NE MCCOOK	DTVPLN	DTVP0103	PLN
12A SD HURON	BMPCDT	20080312ABD	APP
13A NE ALLIANCE	BPEDT	20080317ACQ	CP

Result key: 29
Scenario 3 Affected station 8
Before Analysis

Results for: 12A NE MERRIMAN USERRECORD01 APP

HAAT 322.0 m, ATV ERP 30.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	35946	33164.2
not affected by terrain losses	31706	30056.9
lost to NTSC IX	1475	784.2
lost to additional IX by ATV	83	458.7
lost to ATV IX only	91	492.2
lost to all IX	1558	1242.9

Potential Interfering Stations Included in above Scenario 3

12N SD HURON	BLCT	19940523KE	LIC
13N NE ALLIANCE	BLET	19781103KU	LIC
12A NE MCCOOK	DTVPLN	DTVP0103	PLN
13A NE ALLIANCE	BPEDT	20080317ACQ	CP

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