



## **ENGINEERING STATEMENT**

Concerning the Flashcut Application of  
K08LN  
Harrison, Nebraska  
BLTTV 19920804JE

This engineering statement supports the application filed by Nebraska Educational Telecommunications Commission to flashcut the above referenced station to digital. The interference analysis attached was run using the new digital LPTV FCC program written by William Meintell. The program was implemented on a Sun workstation having the same processor as that used by the FCC for its own analysis. The block size used was 1 km square. The results of this program should be identical to those received by the Commission on its own computers.

Attached to this page is a statement of my qualifications

Doug Vernier

March 22, 2006

**Declaration:**

I, Douglas L. Vernier, declare that I have received training as an engineer from the University of Michigan School of Engineering. That, I have received degrees from the University in the field of Broadcast Telecommunications. That, I have been active in broadcast consulting for over 30 years;

That, I have held a Federal Communications Commission First Class Radiotelephone License continually since 1964. In 1985, this license was reissued by the Commission as a lifetime General Radiotelephone license no. PG-16-16464;

That, I am certified as a Professional Broadcast Engineer (#50258) by the Society of Broadcast Engineers, Indianapolis, Indiana. (Re-certified 1/2006.)

That, my qualifications are a matter of record with the Federal Communications Commission;

That, I have been retained by the Nebraska Educational Telecommunications to prepare the engineering showings appended hereto:

That, I have prepared these broadcast engineering showings, the technical information contained in same and the facts stated within are true of my knowledge;

That, under penalty of perjury, I declare that the foregoing is correct.



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Douglas L. Vernier

Executed on March 22, 2006

1990 Census data selected  
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-20-2006 Time: 15:22:14

Record Selected for Analysis

K08LN USERRECORD-01 HARRISON NE US  
Channel 08 ERP 0.13 kW HAAT 184. m RCAMSL 01608 m SIMPLE MASK  
Latitude 042-47-05 Longitude 0103-59-46  
Status APP Zone 2 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	48.0 dBu F(50,90) (km)
0.0	0.126	303.8	39.5
45.0	0.099	364.6	41.0
90.0	0.125	319.3	40.3
135.0	0.008	98.0	12.6
180.0	0.000	95.8	5.3
225.0	0.000	107.0	5.6
270.0	0.000	77.6	4.8
315.0	0.009	104.3	13.5

Contour Overlap to Proposed Station

Station  
K09PW 9 HARRISON NE BLTTTV19801010IE

Station inside contour of Digital LPTV station  
K08LN 8 HARRISON NE USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Channel	Call	City/State	ARN
08	K08LN	HARRISON NE	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KDUH-TV	SCOTTSBLUFF NE	129.4	LIC	BLCDT	-
20050914AAH						
07	KDUHTV	SCOTTSBLUFF NE	92.5	LIC	BPRM	-
20000417AAF						
07	KEVN-TV	RAPID CITY SD	154.7	LIC	BLCT	-2543
07	K07YF	CASPER WY	192.9	CP	BNPTVL	-
20000829AEC						
07	K07LI	MEDICINE BOW WY	198.1	LIC	BLTTV	-4195
07	K07JE	ROCK RIVER WY	198.2	LIC	BLTTV	-3608
08	K08ND	AKRON CO	288.1	LIC	BLTTV	-
20041029AFC						
08	K08IS	GLEN HAVEN CO	285.8	LIC	BLTTV	-4948
08	K08EY	WALDEN CO	309.4	LIC	BLTTV	-
19840430IB						
08	K08IP	BAKER MT	388.4	LIC	BLTTV	-4607
08	K08JV	BROADUS, ETC. MT	311.5	LIC	BLTTV	-
19950117JC						
08	K08JV	BROADUS, ETC. MT	311.5	CP	BPTTV	-
20010517AAB						
08	K08BE	CROOKSTON NE	265.3	LIC	BLTTV	-29
08	KZSD-TV	MARTIN SD	210.9	LIC	BLET	-
19901120KE						
08	K08GF	SPRING CREEK SD	243.7	LIC	BLTTV	-2001
08	K08BM	BAGGS, ETC. WY	354.6	LIC	BLTTV	-188
08	K08CP	ENCAMPMENT WY	280.7	LIC	BLTTV	-3559
08	KCWC-TV	LANDER/RIVERTON WY	385.8	APP	BMPEDT	-
20060314AEN						
08	KCWC-TV	LANDER/RIVERTON WY	385.8	CP	BPEDT	-
20000427ACL						
08	KWYP-TV	LARAMIE WY	204.9	LIC	BLET	-
20041129BBK						
08	K08AJ	LUSK WY	34.8	LIC	BLTTV	-698
08	K08AA	WYODAK, ETC. WY	197.8	LIC	BLTT	-
19820122IO						
09	K09PW	HARRISON NE	10.3	LIC	BLTTV	-
19801010IE						
09	KBHE-TV	RAPID CITY SD	153.4	LIC	BLET	-
19980403KG						
09	K09XL	DOUGLAS WY	116.2	LIC	BLTTV	-
20030811AHD						
09	K09LS	MEDICINE BOW WY	198.1	LIC	BLTTV	-4196
09	K09AC	SUNDANCE, ETC. WY	180.8	LIC	BLTTV	-1928

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KDUH-TV	SCOTTSDLUFF 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	KMNE-TV	BASSETT NE	301.2	LIC	BLET	-
19871103KG						
07	KEVN-TV	RAPID CITY SD	247.8	LIC	BLCT	-2543
08	KZSD-TV	MARTIN SD	216.4	LIC	BLET	-
19901120KE						
08	KWYP-TV	LARAMIE WY	206.5	LIC	BLET	-
20041129BBK						
08	K08LN	HARRISON NE	129.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1  
Scenario 1 Affected station 1  
Before Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	103173	41855.9
not affected by terrain losses	98788	39046.1
lost to NTSC IX	3300	2195.8
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	3300	2195.8

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

After Analysis

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

	POPULATION	AREA (sq km)
within Noise Limited Contour	103173	41855.9
not affected by terrain losses	98788	39046.1
lost to NTSC IX	3300	2195.8
lost to additional IX by ATV	2	2.0
lost to ATV IX only	2	3.9
lost to all IX	3302	2197.8

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
8A NE HARRISON	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BLCDDT
20050914AAH			
*Percent Service lost with proposal:		0.0	to BLCDDT
20050914AAH			

Result key: 2  
Scenario 2 Affected station 1  
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	103173	41855.9		
not affected by terrain losses	98788	39046.1		
lost to NTSC IX	3300	2195.8		
lost to additional IX by ATV	0	0.0		
lost to ATV IX only	0	0.0		
lost to all IX	3300	2195.8		

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

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	103173	41855.9		
not affected by terrain losses	98788	39046.1		
lost to NTSC IX	3300	2195.8		
lost to additional IX by ATV	2	2.0		
lost to ATV IX only	2	3.9		
lost to all IX	3302	2197.8		

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
8A NE HARRISON	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BLCDDT
20050914AAH			
*Percent Service lost with proposal:		0.0	to BLCDDT
20050914AAH			

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# Analysis of Interference to Affected Station 2

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KDUHTV	SCOTTSDLUFF NE	BPRM	-20000417AAF

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KMGH-TV	DENVER CO	319.1	CP	BPCT	-
20020801ABC						
07	KMNE-TV	BASSETT NE	308.9	LIC	BLET	-
19871103KG						
07	KEVN-TV	RAPID CITY SD	210.5	LIC	BLCT	-2543
07	KSWY	SHERIDAN WY	415.2	LIC	BLCT	-
20020408ABG						
08	KZSD-TV	MARTIN SD	196.0	LIC	BLET	-
19901120KE						
08	KWYP-TV	LARAMIE WY	208.2	LIC	BLET	-
20041129BBK						
08	K08LN	HARRISON NE	92.5	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3

Scenario 1 Affected station 2

Before Analysis

Results for: 7A NE SCOTTSDLUFF BPRM 20000417AAF LIC

HAAT 592.0 m, ATV ERP 32.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	104799	44651.7
not affected by terrain losses	97404	42926.2
lost to NTSC IX	5982	2844.6
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	5982	2844.6

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

After Analysis

Results for: 7A NE SCOTTSDLUFF BPRM 20000417AAF LIC

HAAT 592.0 m, ATV ERP 32.4 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	104799	44651.7
not affected by terrain losses	97404	42926.2
lost to NTSC IX	5982	2844.6
lost to additional IX by ATV	74	403.2
lost to ATV IX only	86	826.4
lost to all IX	6056	3247.9

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
8A NE HARRISON	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BPRM
20000417AAF			
*Percent Service lost with proposal:		0.1	to BPRM
20000417AAF			

Result key: 4  
Scenario 2 Affected station 2  
Before Analysis

Results for:	7A NE SCOTTSBLUFF	BPRM	20000417AAF	LIC
HAAT	592.0 m, ATV ERP	32.4 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		104799	44651.7	
not affected by terrain losses		97404	42926.2	
lost to NTSC IX		5982	2844.6	
lost to additional IX by ATV		0	0.0	
lost to ATV IX only		0	0.0	
lost to all IX		5982	2844.6	

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

After Analysis

Results for:	7A NE SCOTTSBLUFF	BPRM	20000417AAF	LIC
HAAT	592.0 m, ATV ERP	32.4 kW		
		POPULATION	AREA (sq km)	
within Noise Limited Contour		104799	44651.7	
not affected by terrain losses		97404	42926.2	
lost to NTSC IX		5982	2844.6	
lost to additional IX by ATV		74	403.2	
lost to ATV IX only		86	826.4	
lost to all IX		6056	3247.9	

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
8A NE HARRISON	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BPRM
20000417AAF			
*Percent Service lost with proposal:		0.1	to BPRM
20000417AAF			

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# NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
07	KEVNTV	RAPID CITY SD	DTVPLN	-NPLN0501

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KQCDTV	DICKINSON ND	320.8	PLN	DTVPLN	-
NPLN0485						
07	KMNETV	BASSETT NE	360.8	PLN	DTVPLN	-
NPLN0487						
07	NEW	SHERIDAN WY	313.4	PLN	DTVPLN	-
NPLN0514						
08	KZSDTV	MARTIN SD	153.2	PLN	DTVPLN	-
NPLN0564						

Results for:	7N SD RAPID CITY	DTVPLN	NPLN0501	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		136750	22314.6	
not affected by terrain losses		119689	19338.3	
lost to NTSC IX		1264	1215.5	
lost to additional IX by ATV		0	0.0	
lost to all IX		1264	1215.5	

## 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	KMNE-TV	BASSETT NE	360.8	LIC	BLET	-
19871103KG						
07	KDUH-TV	SCOTTSBLUFF NE	247.8	LIC	BLCDT	-
20050914AAH						
07	KDUHTV	SCOTTSBLUFF NE	210.5	LIC	BPRM	-
20000417AAF						
07	KSWY	SHERIDAN WY	313.4	LIC	BLCT	-
20020408ABG						
08	KZSD-TV	MARTIN SD	153.2	LIC	BLET	-
19901120KE						
08	K08LN	HARRISON NE	154.7	APP	USERRECORD-01	

Total scenarios = 4

Result key: 5  
Scenario 1 Affected station 3  
Before Analysis

Results for:	7N SD RAPID CITY	BLCT	2543	LIC
		POPULATION	AREA (sq km)	
within Noise Limited Contour		136750	22314.6	
not affected by terrain losses		119689	19338.3	
lost to NTSC IX		1213	1071.6	

lost to additional IX by ATV	981	872.5
lost to all IX	2194	1944.1

Potential Interfering Stations Included in above Scenario 1

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	19901120KE	LIC
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	136750	22314.6	
not affected by terrain losses	119689	19338.3	
lost to NTSC IX	1213	1071.6	
lost to additional IX by ATV	981	872.5	
lost to all IX	2194	1944.1	

Potential Interfering Stations Included in above Scenario 1

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	19901120KE	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
8A NE HARRISON	USERRECORD01	APP	
*Percent new DTV interference without proposal:	1.6	BLCT	
2543			
*Percent new DTV interference with proposal:	1.6	BLCT	
2543			

Result key: 6  
Scenario 2 Affected station 3  
Before Analysis

Results for: 7N SD RAPID CITY	BLCT	2543	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	136750	22314.6	
not affected by terrain losses	119689	19338.3	
lost to NTSC IX	1213	1071.6	
lost to additional IX by ATV	2519	953.3	
lost to all IX	3732	2024.9	

Potential Interfering Stations Included in above Scenario 2

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	19901120KE	LIC
7A NE SCOTTSBLUFF	BPRM	20000417AAF	LIC

After Analysis

Results for: 7N SD RAPID CITY	BLCT	2543	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	136750	22314.6	
not affected by terrain losses	119689	19338.3	
lost to NTSC IX	1213	1071.6	
lost to additional IX by ATV	2519	953.3	

lost to all IX 3732 2024.9

Potential Interfering Stations Included in above Scenario 2

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	19901120KE	LIC
7A NE SCOTTSBLUFF	BPRM	20000417AAF	LIC
8A NE HARRISON	USERRECORD01		APP

\*Percent new DTV interference without proposal: 2.7 BLCT  
2543  
\*Percent new DTV interference with proposal: 2.7 BLCT  
2543

Result key: 7  
Scenario 3 Affected station 3  
Before Analysis

Results for: 7N SD RAPID CITY	BLCT	2543	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	136750	22314.6	
not affected by terrain losses	119689	19338.3	
lost to NTSC IX	1213	1071.6	
lost to additional IX by ATV	981	872.5	
lost to all IX	2194	1944.1	

Potential Interfering Stations Included in above Scenario 3

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	19901120KE	LIC
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	136750	22314.6	
not affected by terrain losses	119689	19338.3	
lost to NTSC IX	1213	1071.6	
lost to additional IX by ATV	981	872.5	
lost to all IX	2194	1944.1	

Potential Interfering Stations Included in above Scenario 3

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	19901120KE	LIC
7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
8A NE HARRISON	USERRECORD01		APP

\*Percent new DTV interference without proposal: 1.6 BLCT  
2543  
\*Percent new DTV interference with proposal: 1.6 BLCT  
2543

Result key: 8  
Scenario 4 Affected station 3  
Before Analysis

Results for:	7N SD RAPID CITY	BLCT	2543	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	136750	22314.6	
	not affected by terrain losses	119689	19338.3	
	lost to NTSC IX	1213	1071.6	
	lost to additional IX by ATV	2519	953.3	
	lost to all IX	3732	2024.9	

Potential Interfering Stations Included in above Scenario 4

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	19901120KE	LIC
7A NE SCOTTSBLUFF	BPRM	20000417AAF	LIC

After Analysis

Results for:	7N SD RAPID CITY	BLCT	2543	LIC
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	136750	22314.6	
	not affected by terrain losses	119689	19338.3	
	lost to NTSC IX	1213	1071.6	
	lost to additional IX by ATV	2519	953.3	
	lost to all IX	3732	2024.9	

Potential Interfering Stations Included in above Scenario 4

7N ND DICKINSON	BLCT	19800804KE	LIC
7N NE BASSETT	BLET	19871103KG	LIC
8N SD MARTIN	BLET	19901120KE	LIC
7A NE SCOTTSBLUFF	BPRM	20000417AAF	LIC
8A NE HARRISON	USERRECORD01		APP
*Percent new DTV interference without proposal:			2.7 BLCT
2543			
*Percent new DTV interference with proposal:			2.7 BLCT
2543			

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	K07YF	CASPER WY	BNPTVL -20000829AEC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KMGH-TV	DENVER CO	347.5	CP	BPCT -
20020801ABC					
07	KDUH-TV	SCOTTSBLUFF NE	288.0	LIC	BLCDT -
20050914AAH					
07	KDUHTV	SCOTTSBLUFF NE	264.1	LIC	BPRM -
20000417AAF					
07	KEVN-TV	RAPID CITY SD	291.1	LIC	BLCT -2543

07	K07NI	JEFFREY CITY WY	136.0	LIC	BLTTV	-
19941223JI						
07	KGWL-TV	LANDER WY	193.7	CP	BPCDT	-
19991029AEA						
07	KGWL-DT	LANDER WY	193.7	PLN	DTVPLN	-
DTVP0037						
07	K07LI	MEDICINE BOW WY	98.4	LIC	BLTTV	-4195
07	K07JE	ROCK RIVER WY	120.6	LIC	BLTTV	-3608
07	K07NT	SARATOGA, ETC. WY	158.2	LIC	BLTTV	-4763
07	KSWY	SHERIDAN WY	217.8	LIC	BLCT	-
20020408ABG						
07	K09XK	SHERIDAN, ETC. WY	218.3	LIC	BLTTV	-
19840116IA						
08	K08LN	HARRISON NE	192.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 5

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	K07LI	MEDICINE BOW WY	BLTTV	-4195

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KMGH-TV	DENVER CO	249.2	CP	BPCT	-
20020801ABC						
07	KJCT-DT	GRAND JUNCTION CO	364.6	PLN	DTVPLN	-
DTVP0029						
07	KJCT	GRAND JUNCTION CO	364.6	CP	BPCDT	-
19991026ACX						
07	K07GK	YAMPA CO	168.1	LIC	BLTTV	-3485
07	KDUH-TV	SCOTTSBLUFF NE	248.4	LIC	BLCDDT	-
20050914AAH						
07	KDUHTV	SCOTTSBLUFF NE	236.9	LIC	BPRM	-
20000417AAF						
07	KEVN-TV	RAPID CITY SD	334.3	LIC	BLCT	-2543
07	K07YF	CASPER WY	98.4	CP	BNPTVL	-
20000829AEC						
07	K07NI	JEFFREY CITY WY	165.4	LIC	BLTTV	-
19941223JI						
07	KGWL-TV	LANDER WY	245.2	CP	BPCDT	-
19991029AEA						
07	KGWL-DT	LANDER WY	245.2	PLN	DTVPLN	-
DTVP0037						
07	K07JE	ROCK RIVER WY	23.4	LIC	BLTTV	-3608
07	K07NT	SARATOGA, ETC. WY	66.8	LIC	BLTTV	-4763
07	KSWY	SHERIDAN WY	316.2	LIC	BLCT	-
20020408ABG						
08	KWYP-TV	LARAMIE WY	84.1	LIC	BLET	-
20041129BBK						
08	K08LN	HARRISON NE	198.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	K07JE	ROCK RIVER WY	BLTTV	-3608

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KMGH-TV	DENVER CO	227.0	CP	BPCT	-
20020801ABC						
07	KJCT-DT	GRAND JUNCTION CO	355.5	PLN	DTVPLN	-
DTVP0029						
07	KJCT	GRAND JUNCTION CO	355.5	CP	BPCDT	-
19991026ACX						
07	K07GK	YAMPA CO	155.5	LIC	BLTTV	-3485
07	KDUH-TV	SCOTTSBLUFF NE	236.0	LIC	BLCDT	-
20050914AAH						
07	KDUHTV	SCOTTSBLUFF NE	227.8	LIC	BPRM	-
20000417AAF						
07	KEVN-TV	RAPID CITY SD	340.4	LIC	BLCT	-2543
07	K07YF	CASPER WY	120.6	CP	BNPTVL	-
20000829AEC						
07	KGWL-TV	LANDER WY	266.2	CP	BPCDT	-
19991029AEA						
07	KGWL-DT	LANDER WY	266.2	PLN	DTVPLN	-
DTVP0037						
07	K07LI	MEDICINE BOW WY	23.4	LIC	BLTTV	-4195
07	K07NT	SARATOGA, ETC. WY	56.7	LIC	BLTTV	-4763
07	KSWY	SHERIDAN WY	338.4	LIC	BLCT	-
20020408ABG						
08	KWYP-TV	LARAMIE WY	60.8	LIC	BLET	-
20041129BBK						
08	K08LN	HARRISON NE	198.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	K08ND	AKRON CO	BLTTV	-20041029AFC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
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08	KTSC	PUEBLO CO	228.0	LIC	BLET	-
20010111ABS						
08	NEW	ELKHART KS	337.3	APP	BPRM	-
20011009AEE						
08	KSWK	LAKIN KS	322.2	LIC	BLEDT	-
20050203ADS						
08	KSWK-TV	LAKIN KS	322.3	LIC	BPRM	-
20011101ADH						
08	KSNK	MCCOOK NE	210.0	LIC	BMLCT	-
20031125AMP						
08	KSNK	MCCOOK NE	210.0	LIC	BLCT	-
19821110KI						
08	KZSD-TV	MARTIN SD	373.1	LIC	BLET	-
19901120KE						
08	KWYP-TV	LARAMIE WY	227.0	LIC	BLET	-
20041129BBK						
08	K08LN	HARRISON NE	288.1	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.
08	K08IS	GLEN HAVEN CO	BLTTV	-4948

#### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KMGH-TV	DENVER CO	83.3	CP	BPCT	-
20020801ABC						
08	KJCT	GRAND JUNCTION CO	285.2	LIC	BLCT	-
19791019KJ						
08	K08ER	LEADVILLE CO	145.8	LIC	BLTTV	-3340
08	KTSC	PUEBLO CO	197.4	LIC	BLET	-
20010111ABS						
08	K08EY	WALDEN CO	83.2	LIC	BLTTV	-
19840430IB						
08	K08CP	ENCAMPMENT WY	140.8	LIC	BLTTV	-3559
08	KCWC-DT	LANDER WY	358.7	PLN	DTVPLN	-
DTVP0051						
08	KCWC-TV	LANDER/RIVERTON WY	358.7	APP	BMPEDT	-
20060314AEN						
08	KCWC-TV	LANDER/RIVERTON WY	358.7	CP	BPEDT	-
20000427ACL						
08	KWYP-TV	LARAMIE WY	92.1	LIC	BLET	-
20041129BBK						
09	KUSA-TV	DENVER CO	83.3	CP	BPCT	-
20020813ABP						
08	K08LN	HARRISON NE	285.8	APP	USERRECORD-01	
Proposal causes no interference						

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#### Analysis of Interference to Affected Station 9

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	K08EY	WALDEN CO	BLTTV	-19840430IB

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	K07GK	YAMPA CO	36.4	LIC	BLTTV	-3485
08	K08HN	ASPEN CO	163.8	LIC	BLTTV	-4033
08	K08IS	GLEN HAVEN CO	83.2	LIC	BLTTV	-4948
08	KJCT	GRAND JUNCTION CO	238.5	LIC	BLCT	-
19791019KJ						
08	K08ER	LEADVILLE CO	156.0	LIC	BLTTV	-3340
08	K08EC	MAYBELL CO	138.6	LIC	BLTTV	-1282
08	KTSC	PUEBLO CO	251.1	LIC	BLET	-
20010111ABS						
08	DK08HT	UPPER DIVIDE CREEK CO	157.8	LIC	BLTTV	-4101
08	K08BM	BAGGS, ETC. WY	94.3	LIC	BLTTV	-188
08	K08CP	ENCAMPMENT WY	74.3	LIC	BLTTV	-3559
08	KCWC-DT	LANDER WY	286.3	PLN	DTVPLN	-
DTVP0051						
08	KCWC-TV	LANDER/RIVERTON WY	286.3	APP	BMPEDT	-
20060314AEN						
08	KCWC-TV	LANDER/RIVERTON WY	286.3	CP	BPEDT	-
20000427ACL						
08	KWYP-TV	LARAMIE WY	106.8	LIC	BLET	-
20041129BBK						
08	K08LN	HARRISON NE	309.4	APP	USERRECORD-01	
Proposal causes no interference						

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## Analysis of Interference to Affected Station 10

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	K08IP	BAKER MT	BLTTV	-4607

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KQCD-TV	DICKINSON ND	120.4	LIC	BLCT	-
19800804KE						
08	KULR-TV	BILLINGS MT	331.4	LIC	BLCT	-598
08	K08JV	BROADUS, ETC. MT	130.0	CP	BPTTV	-
20010517AAB						
08	KUMV-TV	WILLISTON ND	208.4	LIC	BLCT	-2260
08	KZSD-TV	MARTIN SD	379.3	LIC	BLET	-
19901120KE						
09	KDSE	DICKINSON ND	112.0	LIC	BLET	-
19880125KS						
08	K08LN	HARRISON NE	388.4	APP	USERRECORD-01	

Proposed station is beyond the site to



nearest cell evaluation distance

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	K08JV	BROADUS, ETC. MT	BLTTV -19950117JC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	K08IP	BAKER MT	130.0	LIC	BLTTV -4607
08	KULR-TV	BILLINGS MT	243.9	LIC	BLCT -598
08	KUMV-TV	WILLISTON ND	323.4	LIC	BLCT -2260
08	KZSD-TV	MARTIN SD	373.3	LIC	BLET -
19901120KE					
08	K08LN	HARRISON NE	311.5	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.
08	K08JV	BROADUS, ETC. MT	BPTTV -20010517AAB

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	K08IP	BAKER MT	130.0	LIC	BLTTV -4607
08	KULR-TV	BILLINGS MT	243.9	LIC	BLCT -598
08	KUMV-TV	WILLISTON ND	323.4	LIC	BLCT -2260
08	KZSD-TV	MARTIN SD	373.3	LIC	BLET -
19901120KE					
08	K08LN	HARRISON NE	311.5	APP	USERRECORD-01
Proposal causes no interference					

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	K08BE	CROOKSTON NE	BLTTV -29

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
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07	KMNE-TV	BASSETT NE	122.5	LIC	BLET	-
19871103KG						
08	KLKN	LINCOLN NE	364.2	LIC	BLCT	-
19960708KK						
08	KSNK	MCCOOK NE	344.5	LIC	BMLCT	-
20031125AMP						
08	KSNK	MCCOOK NE	344.5	LIC	BLCT	-
19821110KI						
08	KESD-TV	BROOKINGS SD	323.3	LIC	BLET	-283
08	KESD-TV	BROOKINGS SD	323.4	APP	BFRCT	-
20050812AAZ						
08	KESD-TV	BROOKINGS SD	323.4	APP	BFRCT	-
20050812ABA						
08	KZSD-TV	MARTIN SD	86.4	LIC	BLET	-
19901120KE						
08	K08GF	SPRING CREEK SD	30.7	LIC	BLTTV	-2001
08	K08LN	HARRISON NE	265.3	APP	USERRECORD-01	
Proposal causes no interference						

#####

#### Analysis of Interference to Affected Station 14

##### 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.
07	KMNETV	BASSETT NE	208.3	PLN	DTVPLN	-
NPLN0487						
07	KEVNTV	RAPID CITY SD	153.2	PLN	DTVPLN	-
NPLN0501						
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		28989	26464.1	
not affected by terrain losses		25546	24363.7	
lost to NTSC IX		308	777.2	
lost to additional IX by ATV		0	0.0	
lost to all IX		308	777.2	

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KZSD-TV	MARTIN SD	BLET	-19901120KE

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KMNE-TV	BASSETT NE	208.3	LIC	BLET	-
19871103KG						
07	KDUH-TV	SCOTTSBLUFF NE	216.4	LIC	BLCDDT	-
20050914AAH						
07	KDUHTV	SCOTTSBLUFF NE	196.0	LIC	BPRM	-
20000417AAF						
07	KEVN-TV	RAPID CITY SD	153.2	LIC	BLCT	-2543
08	KSNK	MCCOOK NE	406.9	LIC	BMLCT	-
20031125AMP						
08	KSNK	MCCOOK NE	406.9	LIC	BLCT	-
19821110KI						
08	KESD-TV	BROOKINGS SD	360.7	LIC	BLET	-283
08	KESD-TV	BROOKINGS SD	360.7	APP	BFRCT	-
20050812AAZ						
08	KESD-TV	BROOKINGS SD	360.7	APP	BFRCT	-
20050812ABA						
08	KWYP-TV	LARAMIE WY	398.8	LIC	BLET	-
20041129BBK						
09	KBHE-TV	RAPID CITY SD	152.0	LIC	BLET	-
19980403KG						
08	K08LN	HARRISON NE	210.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 9  
Scenario 1 Affected station 14  
Before Analysis

Results for: 8N SD MARTIN	BLET	19901120KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	28989	26464.1	
not affected by terrain losses	25546	24363.7	
lost to NTSC IX	308	773.2	
lost to additional IX by ATV	0	0.0	
lost to all IX	308	773.2	

Potential Interfering Stations Included in above Scenario 1

7N SD RAPID CITY	BLCT	2543	LIC
8N SD BROOKINGS	BLET	283	LIC

After Analysis

Results for: 8N SD MARTIN	BLET	19901120KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	28989	26464.1	
not affected by terrain losses	25546	24363.7	
lost to NTSC IX	308	773.2	
lost to additional IX by ATV	92	255.1	
lost to all IX	400	1028.3	

Potential Interfering Stations Included in above Scenario 1

7N SD RAPID CITY	BLCT	2543	LIC
8N SD BROOKINGS	BLET	283	LIC
8A NE HARRISON	USERRECORD01		APP

\*Percent new DTV interference without proposal: 1.1 BLET

19901120KE

\*Percent new DTV interference with proposal: 1.4 BLET  
19901120KE

Result key: 10  
Scenario 2 Affected station 14  
Before Analysis

Results for: 8N SD MARTIN	BLET	19901120KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	28989	26464.1	
not affected by terrain losses	25546	24363.7	
lost to NTSC IX	308	773.2	
lost to additional IX by ATV	0	0.0	
lost to all IX	308	773.2	

Potential Interfering Stations Included in above Scenario 2

7N SD RAPID CITY	BLCT	2543	LIC
8N SD BROOKINGS	BLET	283	LIC

After Analysis

Results for: 8N SD MARTIN	BLET	19901120KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	28989	26464.1	
not affected by terrain losses	25546	24363.7	
lost to NTSC IX	308	773.2	
lost to additional IX by ATV	92	255.1	
lost to all IX	400	1028.3	

Potential Interfering Stations Included in above Scenario 2

7N SD RAPID CITY	BLCT	2543	LIC
8N SD BROOKINGS	BLET	283	LIC
8A NE HARRISON	USERRECORD01	APP	

\*Percent new DTV interference without proposal: 1.1 BLET  
19901120KE  
\*Percent new DTV interference with proposal: 1.4 BLET  
19901120KE

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	K08GF	SPRING CREEK SD	BLTTV -2001

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	K08BE	CROOKSTON NE	30.7	LIC	BLTTV -29
08	KSNK	MCCOOK NE	365.4	LIC	BMLCT -

20031125AMP

08	KSNK	MCCOOK NE	365.4	LIC	BLCT	-
19821110KI						
08	KESD-TV	BROOKINGS SD	334.7	LIC	BLET	-283
08	KESD-TV	BROOKINGS SD	334.8	APP	BFR CET	-
20050812AAZ						
08	KESD-TV	BROOKINGS SD	334.8	APP	BFR CET	-
20050812ABA						
08	KZSD-TV	MARTIN SD	55.6	LIC	BLET	-
19901120KE						
08	K08LN	HARRISON NE	243.7	APP	USERRECORD-01	
Proposal causes no interference						

#####

#### Analysis of Interference to Affected Station 16

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	K08BM	BAGGS, ETC. WY	BLTTV -188

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	K08JS	EAST ELK CREEK CO	146.6	LIC	BLTTV -
19820520IC					
08	KJCT	GRAND JUNCTION CO	218.9	LIC	BLCT -
19791019KJ					
08	K08EC	MAYBELL CO	70.1	LIC	BLTTV -1282
08	KTSC	PUEBLO CO	329.6	LIC	BLET -
20010111ABS					
08	DK08HT	UPPER DIVIDE CREEK CO	147.8	LIC	BLTTV -4101
08	K08EY	WALDEN CO	94.3	LIC	BLTTV -
19840430IB					
08	K08CP	ENCAMPMENT WY	74.1	LIC	BLTTV -3559
08	KCWC-DT	LANDER WY	210.6	PLN	DTVPLN -
DTVP0051					
08	KCWC-TV	LANDER/RIVERTON WY	210.6	APP	BMPEDT -
20060314AEN					
08	KCWC-TV	LANDER/RIVERTON WY	210.6	CP	BPEDT -
20000427ACL					
08	KWYP-TV	LARAMIE WY	174.9	LIC	BLET -
20041129BBK					
09	KFNR-DT	RAWLINS WY	95.9	PLN	DTVPLN -
DTVP0064					
08	K08LN	HARRISON NE	354.6	APP	USERRECORD-01
Proposal causes no interference					

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#### Analysis of Interference to Affected Station 17

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	K08CP	ENCAMPMENT WY	BLTTV -3559

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	K07NT	SARATOGA, ETC. WY	31.8	LIC	BLTTV	-4763
08	K08IS	GLEN HAVEN CO	140.8	LIC	BLTTV	-4948
08	KJCT	GRAND JUNCTION CO	280.1	LIC	BLCT	-
19791019KJ						
08	K08EC	MAYBELL CO	142.9	LIC	BLTTV	-1282
08	KTSC	PUEBLO CO	324.3	LIC	BLET	-
20010111ABS						
08	K08EY	WALDEN CO	74.3	LIC	BLTTV	-
19840430IB						
08	K08BM	BAGGS, ETC. WY	74.1	LIC	BLTTV	-188
08	KCWC-DT	LANDER WY	217.9	PLN	DTVPLN	-
DTVP0051						
08	KCWC-TV	LANDER/RIVERTON WY	217.9	APP	BMPEDT	-
20060314AEN						
08	KCWC-TV	LANDER/RIVERTON WY	217.9	CP	BPEDT	-
20000427ACL						
08	KWYP-TV	LARAMIE WY	107.6	LIC	BLET	-
20041129BBK						
09	KFNR-DT	RAWLINS WY	68.4	PLN	DTVPLN	-
DTVP0064						
08	K08LN	HARRISON NE	280.7	APP	USERRECORD-01	
Proposal causes no interference						

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## Analysis of Interference to Affected Station 18

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KCWC-TV	LANDER/RIVERTON WY	BMPEDT	-20060314AEN

# Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KGWL-TV	LANDER WY	34.7	CP	BPCDT	-
19991029AEA						
07	KGWL-DT	LANDER WY	34.7	PLN	DTVPLN	-
DTVP0037						
08	KJCT	GRAND JUNCTION CO	394.7	LIC	BLCT	-
19791019KJ						
08	KIFI-TV	IDAHO FALLS ID	336.8	CP	BPCT	-
20060118ACW						
08	KULR-TV	BILLINGS MT	353.7	LIC	BLCT	-598
08	KUSM	BOZEMAN MT	384.2	LIC	BPRM	-
20010215ABK						
08	KUSM	BOZEMAN MT	384.2	LIC	BLEDT	-
20050926ALC						
08	KWYP-TV	LARAMIE WY	305.9	LIC	BLET	-
20041129BBK						
09	KFNR-DT	RAWLINS WY	151.0	PLN	DTVPLN	-
DTVP0064						
08	K08LN	HARRISON NE	385.8	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	KCWC-TV	LANDER/RIVERTON WY	BPEDT -20000427ACL

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KGWL-TV	LANDER WY	34.7	CP	BPCDT -
19991029AEA					
07	KGWL-DT	LANDER WY	34.7	PLN	DTVPLN -
DTVP0037					
08	KJCT	GRAND JUNCTION CO	394.7	LIC	BLCT -
19791019KJ					
08	KIFI-TV	IDAHO FALLS ID	336.8	CP	BPCT -
20060118ACW					
08	KULR-TV	BILLINGS MT	353.7	LIC	BLCT -598
08	KUSM	BOZEMAN MT	384.2	LIC	BPRM -
20010215ABK					
08	KUSM	BOZEMAN MT	384.2	LIC	BLEDT -
20050926ALC					
08	KWYP-TV	LARAMIE WY	305.9	LIC	BLET -
20041129BBK					
09	KFNR-DT	RAWLINS WY	151.0	PLN	DTVPLN -
DTVP0064					
08	K08LN	HARRISON NE	385.8	APP	USERRECORD-01
	Proposal causes no interference				

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Analysis of Interference to Affected Station 20

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
08	NEW	LARAMIE WY	DTVPLN -NPLN0575

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
07	KMGHTV	DENVER CO	176.6	PLN	DTVPLN -
NPLN0463					
08	KJCT	GRAND JUNCTION CO	345.8	PLN	DTVPLN -
NPLN0523					
08	KTSC	PUEBLO CO	289.5	PLN	DTVPLN -
NPLN0524					
08	KZSDTV	MARTIN SD	397.9	PLN	DTVPLN -
NPLN0564					
08	KCWC-DT	LANDER WY	304.0	PLN	DTVPLN -
DTVP0051					
09	KUSATV	DENVER CO	176.7	PLN	DTVPLN -

NPLN0585

09 KFNR-DT RAWLINS WY 157.1 PLN DTVPLN -  
DTVP0064

Results for: 8N WY LARAMIE DTVPLN NPLN0575 PLN  
POPULATION AREA (sq km)  
within Noise Limited Contour 30358 3138.1  
not affected by terrain losses 30310 2977.4  
lost to NTSC IX 6 9.9  
lost to additional IX by ATV 0 16.8  
lost to all IX 6 26.6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KWYP-TV	LARAMIE WY	BLET	-20041129BBK

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KMGH-TV	DENVER CO	174.0	CP	BPCT	-
20020801ABC						
07	KDUH-TV	SCOTTSBLUFF NE	206.5	LIC	BLCDT	-
20050914AAH						
07	KDUHTV	SCOTTSBLUFF NE	208.2	LIC	BPRM	-
20000417AAF						
08	KJCT	GRAND JUNCTION CO	344.6	LIC	BLCT	-
19791019KJ						
08	KTSC	PUEBLO CO	287.0	LIC	BLET	-
20010111ABS						
08	KZSD-TV	MARTIN SD	398.8	LIC	BLET	-
19901120KE						
08	KCWC-DT	LANDER WY	305.9	PLN	DTVPLN	-
DTVP0051						
08	KCWC-TV	LANDER/RIVERTON WY	305.9	APP	BMPEDT	-
20060314AEN						
08	KCWC-TV	LANDER/RIVERTON WY	305.9	CP	BPEDT	-
20000427ACL						
09	KUSA-TV	DENVER CO	174.0	CP	BPCT	-
20020813ABP						
09	KFNR-DT	RAWLINS WY	158.7	PLN	DTVPLN	-
DTVP0064						
08	K08LN	HARRISON NE	204.9	APP	USERRECORD-01	
		Proposal causes no interference				

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	K08AJ	LUSK WY	BLTTV	-698

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KDUHTV	SCOTTSBLUFF NE	115.2	LIC	BPRM	-



20000417AAF							
08	KZSD-TV	MARTIN SD	245.2	LIC	BLET	-	
19901120KE							
08	KCWC-DT	LANDER WY	351.3	PLN	DTVPLN	-	
DTVP0051							
08	KCWC-TV	LANDER/RIVERTON WY	351.3	APP	BMPEDT	-	
20060314AEN							
08	KCWC-TV	LANDER/RIVERTON WY	351.3	CP	BPEDT	-	
20000427ACL							
08	KWYP-TV	LARAMIE WY	181.4	LIC	BLET	-	
20041129BBK							
08	K08LN	HARRISON NE	34.8	APP	USERRECORD-01		
Proposal causes no interference							

#####

#### Analysis of Interference to Affected Station 22

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	K08AA	WYODAK, ETC. WY	BLTT -19820122IO

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
08	KULR-TV	BILLINGS MT	291.2	LIC	BLCT -598
08	K08JV	BROADUS, ETC. MT	133.8	CP	BPTTV -
20010517AAB					
08	KZSD-TV	MARTIN SD	325.3	LIC	BLET -
19901120KE					
08	KCWC-DT	LANDER WY	318.2	PLN	DTVPLN -
DTVP0051					
08	KCWC-TV	LANDER/RIVERTON WY	318.2	APP	BMPEDT -
20060314AEN					
08	KCWC-TV	LANDER/RIVERTON WY	318.2	CP	BPEDT -
20000427ACL					
08	KWYP-TV	LARAMIE WY	324.7	LIC	BLET -
20041129BBK					
08	K08LN	HARRISON NE	197.8	APP	USERRECORD-01
Proposal causes no interference					

#####

#### Analysis of Interference to Affected Station 23

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
09	K09PW	HARRISON NE	BLTTV -19801010IE

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
09	KUSA-TV	DENVER CO	350.9	CP	BPCT -
20020813ABP					

09	KPNE-TV	NORTH PLATTE NE	295.7	LIC	BLET	-
20031114AFF						
09	KBHE-TV	RAPID CITY SD	156.8	LIC	BLET	-
19980403KG						
09	KFNR-DT	RAWLINS WY	294.6	PLN	DTVPLN	-
DTVP0064						
10	KSTF	SCOTTSBLUFF NE	82.9	LIC	BLCT	-841
08	K08LN	HARRISON NE	10.3	APP	USERRECORD-01	
Proposal causes no interference						

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# Analysis of Interference to Affected Station 24

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
09	KBHETV	RAPID CITY SD	DTVPLN	-NPLN0623

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KZSDTV	MARTIN SD	152.0	PLN	DTVPLN	-
NPLN0564						
09	KDSE	DICKINSON ND	298.3	PLN	DTVPLN	-
NPLN0610						
09	KPNETV	NORTH PLATTE NE	377.9	PLN	DTVPLN	-
NPLN0611						
09	KFNR-DT	RAWLINS WY	412.4	PLN	DTVPLN	-
DTVP0064						
09	NEW	SHERIDAN WY	314.2	PLN	DTVPLN	-
NPLN0635						

Results for:	9N SD RAPID CITY	DTVPLN	NPLN0623	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		115862	14674.0	
not affected by terrain losses		108801	13550.8	
lost to NTSC IX		2120	409.3	
lost to additional IX by ATV		0	0.0	
lost to all IX		2120	409.3	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	KBHE-TV	RAPID CITY SD	BLET	-19980403KG

## Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KZSD-TV	MARTIN SD	152.0	LIC	BLET	-
19901120KE						
09	KDSE	DICKINSON ND	298.3	LIC	BLET	-
19880125KS						
09	KPNE-TV	NORTH PLATTE NE	377.7	LIC	BLET	-
20031114AFF						
09	KFNR-DT	RAWLINS WY	412.4	PLN	DTVPLN	-
DTVP0064						
10	KHSD-TV	LEAD SD	56.3	LIC	BLCDT	-

20050825ABN  
 10 KHSDTV LEAD SD 56.3 LIC BPRM -  
 20000413AAF  
 08 K08LN HARRISON NE 153.4 APP USERRECORD-01  
 Proposal causes no interference

#####

#### Analysis of Interference to Affected Station 25

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	K09XL	DOUGLAS WY	BLTTV	-20030811AHD

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
09	KUSA-TV	DENVER CO	337.4	CP	BPCT	-
20020813ABP						
09	K09PW	HARRISON NE	124.1	LIC	BLTTV	-
19801010IE						
09	KBHE-TV	RAPID CITY SD	226.8	LIC	BLET	-
19980403KG						
09	K09LS	MEDICINE BOW WY	111.9	LIC	BLTTV	-4196
09	KFNR-DT	RAWLINS WY	185.9	PLN	DTVPLN	-
DTVP0064						
09	K09XK	SHERIDAN WY	247.9	LIC	BLTTV	-
20020722AAL						
08	K08LN	HARRISON NE	116.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
 nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 26

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	K09LS	MEDICINE BOW WY	BLTTV	-4196

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
08	KWYP-TV	LARAMIE WY	84.1	LIC	BLET	-
20041129BBK						
09	KUSA-TV	DENVER CO	249.2	CP	BPCT	-
20020813ABP						
09	KBHE-TV	RAPID CITY SD	333.6	LIC	BLET	-
19980403KG						
09	K09XL	DOUGLAS WY	111.9	LIC	BLTTV	-
20030811AHD						
09	K09MI	JEFFREY CITY WY	165.8	LIC	BLTTV	-4585
09	KFNR-DT	RAWLINS WY	97.3	PLN	DTVPLN	-

DTVP0064						
09	K09OC	SARATOGA WY	66.8	LIC	BLTTV	-
19800114KH						
08	K08LN	HARRISON NE	198.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 27

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	K09AC	SUNDANCE, ETC. WY	BLTTV	-1928

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
09	K09VL	BOYES, ETC. MT	93.3	CP	BPTTV	-
20010510AAN						
09	KDSE	DICKINSON ND	283.6	LIC	BLET	-
19880125KS						
09	KBHE-TV	RAPID CITY SD	97.6	LIC	BLET	-
19980403KG						
09	KFNR-DT	RAWLINS WY	372.4	PLN	DTVPLN	-
DTVP0064						
09	K09XK	SHERIDAN WY	218.7	APP	BPTVA	-
20020405ABA						
09	K09XK	SHERIDAN WY	218.7	LIC	BLTTV	-
20020722AAL						
09	NEW	SHERIDAN WY	218.7	APP	BNPTVL	-
20000802ADE						
10	KHSD-TV	LEAD SD	43.4	LIC	BLCDT	-
20050825ABN						
10	KHSDTV	LEAD SD	43.4	LIC	BPRM	-
20000413AAF						
08	K08LN	HARRISON NE	180.8	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 28

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	K08LN	HARRISON NE	USERRECORD-01	

##### Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
07	KDUH-TV	SCOTTSBLUFF NE	129.4	LIC	BLCDT	-

20050914AAH						
07	KDUHTV	SCOTTSBLUFF NE	92.5	LIC	BPRM	-
20000417AAF						
08	KZSD-TV	MARTIN SD	210.9	LIC	BLET	-
19901120KE						
08	KCWC-DT	LANDER WY	385.8	PLN	DTVPLN	-
DTVP0051						
08	KCWC-TV	LANDER/RIVERTON WY	385.8	APP	BMPEDT	-
20060314AEN						
08	KCWC-TV	LANDER/RIVERTON WY	385.8	CP	BPEDT	-
20000427ACL						
08	KWYP-TV	LARAMIE WY	204.9	LIC	BLET	-
20041129BBK						
08	K08AJ	LUSK WY	34.8	LIC	BLTTV	-698
09	K09PW	HARRISON NE	10.3	LIC	BLTTV	-
19801010IE						

Total scenarios = 1

Result key: 11  
Scenario 1 Affected station 28  
Before Analysis

Results for:	8A NE HARRISON	USERRECORD01	APP
HAAT	184.0 m, ATV ERP	0.1 kW	
	POPULATION	AREA (sq km)	
within Noise Limited Contour	292	2028.0	
not affected by terrain losses	282	1999.5	
lost to NTSC IX	10	44.2	
lost to additional IX by ATV	0	0.0	
lost to ATV IX only	0	0.0	
lost to all IX	10	44.2	

Potential Interfering Stations Included in above Scenario 1

8N SD MARTIN	BLET	19901120KE	LIC
*Percent Service lost without proposal:	0.0	to USERRECORD01	
*Percent Service lost with proposal:	0.0	to USERRECORD01	

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