



ENGINEERING STATEMENT

Concerning the Flashcut Application of
K06KR
Crawford, Nebraska
BLTTV19950626ID

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.



Douglas L. Vernier

Executed on March 22, 2006

1990 Census data selected
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-21-2006 Time: 03:08:48

Record Selected for Analysis

K06KR USERRECORD-01 CRAWFORD NE US
Channel 06 ERP 0.053 kW HAAT 43. m RCAMSL 01181 m SIMPLE MASK
Latitude 042-40-13 Longitude 0103-24-09
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)	43.0 dBu F(50,90) (km)
0.0	0.010	74.2	13.1
45.0	0.003	87.2	10.6
90.0	0.003	33.0	6.3
135.0	0.001	33.0	4.3
180.0	0.000	33.0	3.8
225.0	0.011	33.0	9.2
270.0	0.047	33.0	12.9
315.0	0.005	33.0	7.4

Contour Overlap to Proposed Station

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

05	KXGNTV	GLENDIVE MT	310.3	PLN	DTVPLN	-
NPLN0360						
05	KFYRTV	BISMARCK ND	346.3	PLN	DTVPLN	-
NPLN0363						
05	KGWNTV	CHEYENNE WY	370.9	PLN	DTVPLN	-
NPLN0390						
05	KGWLTV	LANDER WY	424.2	PLN	DTVPLN	-
NPLN0391						

Results for:	5N SD LEAD	DTVPLN	NPLN0377	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		154759	48553.6	
not affected by terrain losses		150613	46261.1	
lost to NTSC IX		624	2275.9	
lost to additional IX by ATV		0	0.0	
lost to all IX		624	2275.9	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	KIVV-TV	LEAD SD	BLCT	-2546

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KXGN-TV	GLENDIVE MT	310.3	LIC	BLCT	-1359
05	KFYR-TV	BISMARCK ND	346.3	LIC	BLCT	-2276
05	KGWN-TV	CHEYENNE WY	370.9	LIC	BLCT	-1639
05	KGWL-TV	LANDER WY	424.2	LIC	BLCT	-
19821101KJ						
06	K06KR	CRAWFORD NE	187.2	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 2

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
05	KGWNTV	CHEYENNE WY	DTVPLN	-NPLN0390

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KREXTV	GRAND JUNCTION CO	376.3	PLN	DTVPLN	-
NPLN0342						
05	KOAATV	PUEBLO CO	305.5	PLN	DTVPLN	-
NPLN0343						
05	KIVVTV	LEAD SD	370.9	PLN	DTVPLN	-
NPLN0377						
05	KGWLTV	LANDER WY	366.3	PLN	DTVPLN	-
NPLN0391						
06	KRMATV	DENVER CO	153.7	PLN	DTVPLN	-
NPLN0400						
06	NEW	CASPER WY	213.9	PLN	DTVPLN	-
NPLN0453						

Results for:	5N WY CHEYENNE	DTVPLN	NPLN0390	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		386587	26587.2	
not affected by terrain losses		383614	24349.0	
lost to NTSC IX		20001	1480.9	
lost to additional IX by ATV		0	0.0	
lost to all IX		20001	1480.9	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
05	KGWN-TV	CHEYENNE WY	BLCT	-1639

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KREX-TV	GRAND JUNCTION CO	390.2	LIC	BLCT	-
20020614AAN						
05	KOAA-TV	PUEBLO CO	305.5	LIC	BLCT	-
19850314KG						
05	KIVV-TV	LEAD SD	370.9	LIC	BLCT	-2546
05	KGWL-TV	LANDER WY	366.3	LIC	BLCT	-
19821101KJ						
06	KRMA-TV	DENVER CO	159.6	CP	BPET	-
19990107KE						
06	KPTW	CASPER WY	213.9	CP	BPET	-
19960624KT						
06	K06KR	CRAWFORD NE	219.2	APP	USERRECORD-01	

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06CI	CRAIG CO	BLTTV	-507

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	K05AE	AXIAL BASIN CO	22.4	LIC	BLTTV	-187
06	K06HU	ASPEN CO	156.8	LIC	BLTTV	-4032
06	K06KJ	COLLBRAN CO	147.2	LIC	BLTTV	-
19941219JG						
06	KRMA-TV	DENVER CO	220.0	CP	BPET	-
19990107KE						
06	K06GW	DIVIDE CREEK, ETC. CO	102.7	LIC	BLTTV	-
19811019IG						
06	KREZ-TV	DURANGO CO	363.7	LIC	BLCT	-
19851107KJ						
06	K06JS	EAST ELK CREEK CO	101.7	LIC	BLTTV	-
19800513IC						
06	K06LX	GLENWOOD SPRINGS CO	111.1	LIC	BLTTV	-
19880613IB						
06	K06CE	HAYDEN CO	21.6	LIC	BLTTV	-589
06	K06JJ	MEEKER, ETC. CO	62.5	LIC	BLTTV	-5080

06	K06CH	OAK CREEK, ETC. CO	58.8	LIC	BLTTV	-590
06	K06HZ	PAONIA CO	183.4	LIC	BLTTV	-4112
06	K06IX	RANGELY CO	125.3	LIC	BLTTV	-4952
06	K06CK	REDSTONE, ETC. CO	145.6	LIC	BLTTV	-5026
06	K06CF	STEAMBOAT SPRINGS CO	59.6	LIC	BLTTV	-523
06	KBCJ	SANTAQUIN UT	383.2	ADD	BPRM	-
20000717ACF						
06	K06OF	VERNAL UT	182.0	CP	BNPTVL	-
20000831AXH						
06	KBCJ	VERNAL UT	135.9	CP	BPCT	-
19960919KG						
06	K06KH	CASPER WY	265.6	APP	BMJPTTV	-
20000831CFZ						
06	KPTW	CASPER WY	265.6	CP	BPET	-
19960624KT						
06	K06BR	ENCAMPMENT WY	109.2	LIC	BLTTV	-3558
06	K06KR	CRAWFORD NE	419.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
06	KRMATV	DENVER CO	DTVPLN	-NPLN0400

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KOAATV	PUEBLO CO	162.2	PLN	DTVPLN	-
NPLN0343						
05	KGWNTV	CHEYENNE WY	153.7	PLN	DTVPLN	-
NPLN0390						
06	KREZTV	DURANGO CO	358.3	PLN	DTVPLN	-
NPLN0401						
06	KWNBTV	HAYES CENTER NE	371.6	PLN	DTVPLN	-
NPLN0427						
06	NEW	VERNAL UT	338.6	PLN	DTVPLN	-
NPLN0447						
06	NEW	CASPER WY	347.2	PLN	DTVPLN	-
NPLN0453						

Results for:	6N CO DENVER	DTVPLN	NPLN0400	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		2426339	32538.7	
not affected by terrain losses		2289894	29668.8	
lost to NTSC IX		140912	2600.3	
lost to additional IX by ATV		0	0.0	
lost to all IX		140912	2600.3	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	KRMA-TV	DENVER CO	BLET	-19950504KE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KOAA-TV	PUEBLO CO	162.2	LIC	BLCT	-
19850314KG						
05	KGWN-TV	CHEYENNE WY	153.7	LIC	BLCT	-1639
06	KREZ-TV	DURANGO CO	358.2	LIC	BLCT	-
19851107KJ						
06	KWNB-TV	HAYES CENTER NE	372.0	LIC	BLCT	-
20000828AHT						
06	NEW	DES MOINES NM	351.1	APP	BPRM	-
20011009AEH						
06	KBCJ	VERNAL UT	338.6	CP	BPCT	-
19960919KG						
06	KPTW	CASPER WY	347.2	CP	BPET	-
19960624KT						
06	K06KR	CRAWFORD NE	361.4	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	KRMA-TV	DENVER CO	BPET	-19990107KE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KOAA-TV	PUEBLO CO	155.3	LIC	BLCT	-
19850314KG						
05	KGWN-TV	CHEYENNE WY	159.6	LIC	BLCT	-1639
06	KREZ-TV	DURANGO CO	355.4	LIC	BLCT	-
19851107KJ						
06	KWNB-TV	HAYES CENTER NE	371.1	LIC	BLCT	-
20000828AHT						
06	NEW	DES MOINES NM	344.2	APP	BPRM	-
20011009AEH						
06	KBCJ	VERNAL UT	342.8	CP	BPCT	-
19960919KG						
06	KPTW	CASPER WY	354.0	CP	BPET	-
19960624KT						
06	K06KR	CRAWFORD NE	366.0	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06CE	HAYDEN CO	BLTTV	-589

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
06	K06HU	ASPEN CO	149.3	LIC	BLTTV	-4032
06	K06KJ	COLLBRAN CO	153.5	LIC	BLTTV	-
19941219JG						
06	K06CI	CRAIG CO	21.6	LIC	BLTTV	-507
06	KRMA-TV	DENVER CO	200.4	CP	BPET	-
19990107KE						
06	K06GW	DIVIDE CREEK, ETC. CO	106.3	LIC	BLTTV	-
19811019IG						
06	KREZ-TV	DURANGO CO	365.9	LIC	BLCT	-
19851107KJ						
06	K06JS	EAST ELK CREEK CO	103.8	LIC	BLTTV	-
19800513IC						
06	K06LX	GLENWOOD SPRINGS CO	108.6	LIC	BLTTV	-
19880613IB						
06	K06JJ	MEEKER, ETC. CO	75.7	LIC	BLTTV	-5080
06	K06CH	OAK CREEK, ETC. CO	41.4	LIC	BLTTV	-590
06	K06HZ	PAONIA CO	185.4	LIC	BLTTV	-4112
06	K06IX	RANGELY CO	145.9	LIC	BLTTV	-4952
06	K06CK	REDSTONE, ETC. CO	142.7	LIC	BLTTV	-5026
06	K06HF	SALIDA, ETC. CO	218.9	LIC	BLTTV	-
19780731JJ						
06	K06CF	STEAMBOAT SPRINGS CO	38.2	LIC	BLTTV	-523
06	K06OF	VERNAL UT	203.6	CP	BNPTVL	-
20000831AXH						
06	KBCJ	VERNAL UT	157.3	CP	BPCT	-
19960919KG						
06	K06KH	CASPER WY	258.7	APP	BMJPTTV	-
20000831CFZ						
06	KPTW	CASPER WY	258.7	CP	BPET	-
19960624KT						
06	K06BR	ENCAMPMENT WY	97.3	LIC	BLTTV	-3558
06	K06KR	CRAWFORD NE	402.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06CH	OAK CREEK, ETC. CO	BLTTV	-590

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
06	K06HU	ASPEN CO	114.8	LIC	BLTTV	-4032
06	K06KJ	COLLBRAN CO	142.1	LIC	BLTTV	-
19941219JG						
06	K06CI	CRAIG CO	58.8	LIC	BLTTV	-507
06	KRMA-TV	DENVER CO	161.6	CP	BPET	-
19990107KE						

06	K06GW	DIVIDE CREEK, ETC. CO	93.4	LIC	BLTTV	-
19811019IG						
06	KREZ-TV	DURANGO CO	342.5	LIC	BLCT	-
19851107KJ						
06	K06JS	EAST ELK CREEK CO	88.2	LIC	BLTTV	-
19800513IC						
06	K06LX	GLENWOOD SPRINGS CO	84.3	LIC	BLTTV	-
19880613IB						
06	K06CE	HAYDEN CO	41.4	LIC	BLTTV	-589
06	K06JJ	MEEKER, ETC. CO	86.4	LIC	BLTTV	-5080
06	K06HZ	PAONIA CO	164.6	LIC	BLTTV	-4112
06	K06IX	RANGELY CO	169.9	LIC	BLTTV	-4952
06	K06CK	REDSTONE, ETC. CO	115.3	LIC	BLTTV	-5026
06	K06HF	SALIDA, ETC. CO	180.1	LIC	BLTTV	-
19780731JJ						
06	K06CF	STEAMBOAT SPRINGS CO	24.4	LIC	BLTTV	-523
06	KBCJ	VERNAL UT	185.9	CP	BPCT	-
19960919KG						
06	K06KH	CASPER WY	280.7	APP	BMJPTTV	-
20000831CFZ						
06	KPTW	CASPER WY	280.7	CP	BPET	-
19960624KT						
06	K06BR	ENCAMPMENT WY	116.2	LIC	BLTTV	-3558
06	K06KR	CRAWFORD NE	399.5	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.
06	K06CF	STEAMBOAT SPRINGS CO	BLTTV	-523

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
06	K06HU	ASPEN CO	137.2	LIC	BLTTV	-4032
06	K06KJ	COLLBRAN CO	165.6	LIC	BLTTV	-
19941219JG						
06	K06CI	CRAIG CO	59.6	LIC	BLTTV	-507
06	KRMA-TV	DENVER CO	164.3	CP	BPET	-
19990107KE						
06	K06GW	DIVIDE CREEK, ETC. CO	116.8	LIC	BLTTV	-
19811019IG						
06	KREZ-TV	DURANGO CO	366.7	LIC	BLCT	-
19851107KJ						
06	K06JS	EAST ELK CREEK CO	112.0	LIC	BLTTV	-
19800513IC						
06	K06LX	GLENWOOD SPRINGS CO	108.7	LIC	BLTTV	-
19880613IB						
06	K06CE	HAYDEN CO	38.2	LIC	BLTTV	-589
06	K06JJ	MEEKER, ETC. CO	102.7	LIC	BLTTV	-5080
06	K06CH	OAK CREEK, ETC. CO	24.4	LIC	BLTTV	-590
06	K06HZ	PAONIA CO	189.0	LIC	BLTTV	-4112
06	K06CK	REDSTONE, ETC. CO	139.4	LIC	BLTTV	-5026
06	K06HF	SALIDA, ETC. CO	198.9	LIC	BLTTV	-

19780731JJ						
06	KBCJ	VERNAL UT	194.3	CP	BPCT	-
19960919KG						
06	K06KH	CASPER WY	256.8	APP	BMJPTTV	-
20000831CFZ						
06	KPTW	CASPER WY	256.8	CP	BPET	-
19960624KT						
06	K06BR	ENCAMPMENT WY	92.4	LIC	BLTTV	-3558
06	K06LU	ROCK RIVER WY	159.3	LIC	BLTTV	-
19871211IA						
06	K06KR	CRAWFORD NE	377.7	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.
06	K06AA	BROADUS, ETC. MT	BPTTV -20010517AAA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
06	KSVI	BILLINGS MT	236.0	LIC	BLCT -
19930119KE					
06	K06FE	MILES CITY MT	119.8	LIC	BLTTV -
19831219ID					
06	KPTW	CASPER WY	307.4	CP	BPET -
19960624KT					
06	K06JM	GILLETTE WY	131.0	LIC	BLTVA -
20031223ACO					
06	K06KR	CRAWFORD NE	342.3	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.
06	K06AA	BROADUS, ETC. MT	BLTTV -4866

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
06	KSVI	BILLINGS MT	236.0	LIC	BLCT -
19930119KE					
06	K06FE	MILES CITY MT	119.8	LIC	BLTTV -
19831219ID					
06	KPTW	CASPER WY	307.4	CP	BPET -
19960624KT					
06	K06JM	GILLETTE WY	131.0	LIC	BLTVA -
20031223ACO					

06 K06KR CRAWFORD NE 342.3 APP USERRECORD-01
Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	K06EY	BROKEN BOW NE	BLTTV -4976

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
05	KHAS-TV	HASTINGS NE	132.1	LIC	BLCT -2417
05	KHAS-TV	HASTINGS NE	109.3	APP	BPCT -
20001121AIA					
06	KWNB-TV	HAYES CENTER NE	145.9	LIC	BLCT -
20000828AHT					
06	WOWT-TV	OMAHA NE	299.6	LIC	BLCT -
19831024KI					
06	KPLO-TV	RELIANCE SD	286.1	LIC	BLCT -1436
06	K06KR	CRAWFORD NE	343.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	K06JC	CHADRON NE	BLTTV -19891226IH

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
06	KWNB-TV	HAYES CENTER NE	293.3	LIC	BLCT -
20000828AHT					
06	K06HG	PINE RIDGE SD	43.3	LIC	BLTTV -3763
06	KPLO-TV	RELIANCE SD	303.2	LIC	BLCT -1436
06	K06KH	CASPER WY	273.7	APP	BMJPTTV -
20000831CFZ					
06	KPTW	CASPER WY	273.7	CP	BPET -
19960624KT					
06	K06KR	CRAWFORD NE	36.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 13

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
06	KWNBTV	HAYES CENTER NE	DTVPLN -NPLN0427

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
05	KHASTV	HASTINGS NE	223.4	PLN	DTVPLN -
NPLN0364					
06	KRMATV	DENVER CO	371.6	PLN	DTVPLN -
NPLN0400					
06	KBSDTV	ENSIGN KS	336.9	PLN	DTVPLN -
NPLN0411					
06	WOWT	OMAHA NE	426.9	PLN	DTVPLN -
NPLN0428					
06	KPLOTV	RELIANCE SD	389.4	PLN	DTVPLN -
NPLN0439					

Results for:	6N NE HAYES CENTER	DTVPLN	NPLN0427	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		85581	29116.7	
not affected by terrain losses		83361	28539.2	
lost to NTSC IX		3693	1681.7	
lost to additional IX by ATV		0	0.0	
lost to all IX		3693	1681.7	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	KWNB-TV	HAYES CENTER NE	BLCT -20000828AHT

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
05	KHAS-TV	HASTINGS NE	223.1	LIC	BLCT -2417
05	KHAS-TV	HASTINGS NE	184.8	APP	BPCT -
20001121AIA					
06	KRMA-TV	DENVER CO	371.1	CP	BPET -
19990107KE					
06	KBSD-TV	ENSIGN KS	336.9	LIC	BMLCT -
20040826AAG					
06	NEW	HUTCHINSON KS	380.2	APP	BPRM -
20011009AEG					
06	WOWT-TV	OMAHA NE	426.6	LIC	BLCT -
19831024KI					
06	KPLO-TV	RELIANCE SD	389.3	LIC	BLCT -1436
06	K06KR	CRAWFORD NE	300.8	APP	USERRECORD-01
Proposal causes no interference					

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	K06HG	PINE RIDGE SD	BLTTV -3763

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
06	K06JC	CHADRON NE	43.3	LIC	BLTTV	-
19891226IH						
06	KWNB-TV	HAYES CENTER NE	294.4	LIC	BLCT	-
20000828AHT						
06	KPLO-TV	RELIANCE SD	260.2	LIC	BLCT	-1436
06	KPTW	CASPER WY	311.4	CP	BPET	-
19960624KT						
06	K06KR	CRAWFORD NE	79.2	APP	USERRECORD-01	
Proposal causes no interference						

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Analysis of Interference to Affected Station 15

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
06	KPLOTV	RELIANCE SD	DTVPLN	-NPLN0439

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KDLT	MITCHELL SD	182.7	PLN	DTVPLN	-
NPLN0378						
06	WDAYTV	FARGO ND	386.9	PLN	DTVPLN	-
NPLN0425						
06	KWNBTV	HAYES CENTER NE	389.4	PLN	DTVPLN	-
NPLN0427						
06	WOWT	OMAHA NE	415.3	PLN	DTVPLN	-
NPLN0428						

Results for:	6N SD RELIANCE	DTVPLN	NPLN0439	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour	59417	35526.0		
not affected by terrain losses	58698	34307.9		
lost to NTSC IX	2963	2171.4		
lost to additional IX by ATV	0	0.0		
lost to all IX	2963	2171.4		

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	KPLO-TV	RELIANCE SD	BLCT	-1436

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KDLV-TV	MITCHELL SD	98.1	LIC	BLCT	-
20020501AAL						
06	WDAY-TV	FARGO ND	386.9	LIC	BMLCT	-624
06	KWNB-TV	HAYES CENTER NE	389.3	LIC	BLCT	-
20000828AHT						
06	WOWT-TV	OMAHA NE	415.3	LIC	BLCT	-

19831024KI
 06 K06KR CRAWFORD NE 339.3 APP USERRECORD-01
 Proposal causes no interference

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Analysis of Interference to Affected Station 16

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
06	NEW	CASPER WY	DTVPLN	-NPLN0453

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KGWNTV	CHEYENNE WY	213.9	PLN	DTVPLN	-
NPLN0390						
05	KGWLT	LANDER WY	193.7	PLN	DTVPLN	-
NPLN0391						
06	KRMATV	DENVER CO	347.2	PLN	DTVPLN	-
NPLN0400						
06	KSVI	BILLINGS MT	375.5	PLN	DTVPLN	-
NPLN0422						
06	NEW	VERNAL UT	352.0	PLN	DTVPLN	-
NPLN0447						

Results for:	6N WY CASPER	DTVPLN	NPLN0453	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		63487	7422.6	
not affected by terrain losses		63359	7123.7	
lost to NTSC IX		0	0.0	
lost to additional IX by ATV		0	0.0	
lost to all IX		0	0.0	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06KH	CASPER WY	BMJPTTV	-20000831CFZ

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
06	KRMA-TV	DENVER CO	354.0	CP	BPET	-
19990107KE						
06	KSVI	BILLINGS MT	375.5	LIC	BLCT	-
19930119KE						
06	KBCJ	VERNAL UT	352.0	CP	BPCT	-
19960919KG						
06	KPTW	CASPER WY	0.0	CP	BPET	-
19960624KT						
06	K06BR	ENCAMPMENT WY	164.6	LIC	BLTTV	-3558
06	K06JM	GILLETTE WY	176.8	LIC	BLTVA	-
20031223ACO						
06	K06LU	ROCK RIVER WY	120.6	LIC	BLTTV	-
19871211IA						
06	K06KR	CRAWFORD NE	241.6	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.
06	K06KH	CASPER WY	BLTVL -19920129IC

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
06	KRMA-TV	DENVER CO	354.0	CP	BPET -
19990107KE					
06	KSVI	BILLINGS MT	375.5	LIC	BLCT -
19930119KE					
06	KBCJ	VERNAL UT	352.0	CP	BPCT -
19960919KG					
06	KPTW	CASPER WY	0.0	CP	BPET -
19960624KT					
06	K06BR	ENCAMPMENT WY	164.6	LIC	BLTTV -3558
06	K06JM	GILLETTE WY	176.8	LIC	BLTVA -
20031223ACO					
06	K06LU	ROCK RIVER WY	120.6	LIC	BLTTV -
19871211IA					
06	K06KR	CRAWFORD NE	241.6	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.
06	KPTW	CASPER WY	BPET -19960624KT

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
05	KGWN-TV	CHEYENNE WY	213.9	LIC	BLCT -1639
05	KGWL-TV	LANDER WY	193.7	LIC	BLCT -
19821101KJ					
06	KRMA-TV	DENVER CO	354.0	CP	BPET -
19990107KE					
06	KSVI	BILLINGS MT	375.5	LIC	BLCT -
19930119KE					
06	KBCJ	VERNAL UT	352.0	CP	BPCT -
19960919KG					
06	K06KR	CRAWFORD NE	241.6	APP	USERRECORD-01
Proposal causes no interference					

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Analysis of current record

Stations Potentially Affecting This Station

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Analysis of current record

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
06 19930119	KSVI 119KE	BILLINGS MT	270.0	LIC	BLCT	-
06 20000831	K06KH CFZ	CASPER WY	176.8	APP	BMJPTTV	-
06 19920129	K06KH IC	CASPER WY	176.8	LIC	BLTVL	-
06 19960624	KPTW KT	CASPER WY	176.8	CP	BPET	-
06	K06KR	CRAWFORD NE	255.5	APP	USERRECORD-01	

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06KW	MANDERSON, ETC. WY	BLTTV	-19830419IE

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
06	KPVI	POCATELLO ID	384.4	LIC	BLCT	-2335
06	KSVI	BILLINGS MT	174.5	LIC	BLCT	-
19930119KE						
06	K06KH	CASPER WY	211.9	APP	BMJPTTV	-
20000831CFZ						
06	KPTW	CASPER WY	211.9	CP	BPET	-
19960624KT						
06	K06KT	CLARKS FORK, ETC. WY	151.5	LIC	BLTTV	-
19830314IF						
06	K06JM	GILLETTE WY	179.0	LIC	BLTVA	-
20031223ACO						
06	K06KS	SOUTH FORK, ETC. WY	126.0	LIC	BLTTV	-
19830314IB						
06	K06DJ	WOOD RIVER, ETC. WY	81.8	LIC	BLTTV	-
19781208IE						
06	K06KR	CRAWFORD NE	406.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
06	K06LU	ROCK RIVER WY	BLTTV	-19871211IA

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application	Ref.
05	KGWN-TV	CHEYENNE WY	101.4	LIC	BLCT	-1639
06	KRMA-TV	DENVER CO	233.5	CP	BPET	-
19990107KE						
06	K06CF	STEAMBOAT SPRINGS CO	159.3	LIC	BLTTV	-523
06	KBCJ	VERNAL UT	309.6	CP	BPCT	-
19960919KG						
06	K06KH	CASPER WY	120.6	APP	BMJPTTV	-
20000831CFZ						
06	K06KH	CASPER WY	120.6	LIC	BLTVL	-
19920129IC						
06	KPTW	CASPER WY	120.6	CP	BPET	-
19960624KT						

06	K06BR	ENCAMPMENT WY	82.6	LIC	BLTTV	-3558
06	K06KR	CRAWFORD NE	233.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
06	K06KR	CRAWFORD NE	USERRECORD-01

Stations Potentially Affecting This Station

Chan No.	Call	City/State	Dist(km)	Status	Application Ref.
06	KRMA-TV	DENVER CO	366.0	CP	BPET -
19990107KE					
06	K06JC	CHADRON NE	36.0	LIC	BLTTV -
19891226IH					
06	KWNB-TV	HAYES CENTER NE	300.8	LIC	BLCT -
20000828AHT					
06	K06HG	PINE RIDGE SD	79.2	LIC	BLTTV -3763
06	KPLO-TV	RELIANCE SD	339.3	LIC	BLCT -1436
06	K06KH	CASPER WY	241.6	APP	BMJPTTV -
20000831CFZ					
06	KPTW	CASPER WY	241.6	CP	BPET -
19960624KT					

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 23
Before Analysis

Results for: 6A NE CRAWFORD USERRECORD01 APP
HAAT 43.0 m, ATV ERP 0.1 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1359	260.4
not affected by terrain losses	1359	260.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

*Percent Service lost without proposal: 0.0 to USERRECORD01
*Percent Service lost with proposal: 0.0 to USERRECORD01

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