

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-21-2010 Time: 08:56:12

Record Selected for Analysis

K08LN-D USERRECORD-01 HARRISON NE US  
Channel 08 ERP 0.0654 kW HAAT 214. m RCAMSL 01639 m SIMPLE MASK  
Latitude 042-47-02 Longitude 0103-59-46  
Status APP Zone 1 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 57.  
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	0.001	334.0	13.4
45.0	0.048	395.4	37.0
90.0	0.053	347.4	35.3
135.0	0.064	129.5	24.1
180.0	0.013	127.6	16.3
225.0	0.000	139.1	5.0
270.0	0.000	108.1	4.6
315.0	0.000	134.2	4.9

Contour Overlap to Proposed Station

Station  
K09PW 9 HARRISON NE BLTTV19801010IE

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

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet 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	Proposed Station Call	City/State	ARN
08	K08LN-D	HARRISON NE	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KDUH-TV	SCOTTSBLUFF NE	129.3	LIC	BLCDDT	-20050914AAH
07	KEVN-TV	RAPID CITY SD	154.8	CP MOD	BMPCDT	-20090225AAI
07	K07YF	CASPER WY	192.9	LIC	BLTVL	-20080806ACI
07	K07LI	MEDICINE BOW WY	198.1	LIC	BLTTV	-4195
07	K07JE	ROCK RIVER WY	198.2	LIC	BLTTV	-3608
08	K08ND	AKRON CO	288.0	LIC	BLTTV	-20041029AFC
08	K08ND	AKRON CO	288.0	CP	BPTTV	-20080912ACZ
08	K08IS	GLEN HAVEN CO	285.7	LIC	BLTTV	-4948
08	K08IP	BAKER MT	388.5	LIC	BLTTV	-4607
08	K08JV	BROADUS MT	311.5	CP	BDFCDTV	-20091014ABB
08	K08JV	BROADUS, ETC. MT	311.6	LIC	BLTTV	-19950117JC
08	K08OC-D	COLSTRIP MT	404.1	CP	BDCCDTV	-20061010AEE
08	KZSD-TV	MARTIN SD	210.9	CP MOD	BMPEDT	-20080618ACQ
08	KPTW	CASPER WY	192.9	CP MOD	BMPEDT	-20081215ACM
08	K08CP	ENCAMPMENT WY	280.6	LIC	BLTTV	-3559
08	KCWC-DT	LANDER WY	385.8	LIC	BLEDT	-20070226AEY
08	KWYP-DT	LARAMIE WY	203.3	LIC	BLEDT	-20090317ABF
08	K08AA	WYODAK, ETC. WY	197.9	LIC	BLTT	-19820122IO
09	K09PW	HARRISON NE	10.2	LIC	BLTTV	-19801010IE
09	K09YH-D	SCOTTSBLUFF NE	106.1	LIC	BLDVL	-20090807ADH
09	K09XL	DOUGLAS WY	116.2	LIC	BLTTV	-20030811AHD
09	K09YI-D	GILLETTE WY	204.4	LIC	BLDVL	-20090807ADG
09	K09LS	MEDICINE BOW WY	198.1	LIC	BLTTV	-4196
09	K09AC	SUNDANCE, ETC. WY	180.9	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	SCOTTSBLUFF NE	BLCDDT	-20050914AAH

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KMGH-TV	DENVER CO	296.6	PLN	DTVPLN	-DTVP0051
07	KMGH-TV	DENVER CO	296.6	CP MOD	BMPCDT	-20090105ADQ

07	KMNE-TV	BASSETT NE	301.2	LIC	BLEDT	-20090225ABN
07	KMNE-TV	BASSETT NE	301.2	PLN	DTVPLN	-DTVP0078
07	KEVN-TV	RAPID CITY SD	247.8	CP MOD	BMPCDT	-20090225AAI
07	KEVN-TV	RAPID CITY SD	247.8	PLN	DTVPLN	-DTVP0094
08	KZSD-TV	MARTIN SD	216.2	CP MOD	BMPEDT	-20080618ACQ
08	KZSD-TV	MARTIN SD	216.4	PLN	DTVPLN	-DTVP0159
08	KWYP-DT	LARAMIE WY	206.6	LIC	BLEDT	-20090317ABF
08	KWYP-TV	LARAMIE WY	206.5	PLN	DTVPLN	-DTVP0170
08	K08LN-D	HARRISON NE	129.3	APP	USERRECORD-01	

Proposal causes no interference

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## Analysis of Interference to Affected Station 2

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	KEVN-TV	RAPID CITY SD	BMPCDT -20090225AAI

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KQCD-TV	DICKINSON ND	320.9	LIC	BLCDDT -20090223ABH
07	KQCD-TV	DICKINSON ND	320.8	PLN	DTVPLN -DTVP0076
07	KMNE-TV	BASSETT NE	360.8	LIC	BLEDT -20090225ABN
07	KMNE-TV	BASSETT NE	360.8	PLN	DTVPLN -DTVP0078
07	KDUH-TV	SCOTTSDUFF NE	247.8	LIC	BLCDDT -20050914AAH
07	KDUH-TV	SCOTTSDUFF NE	247.8	PLN	DTVPLN -DTVP0079
07	KSWY	SHERIDAN WY	313.4	CP	BPCDDT -20080618ACM
07	KSWY	SHERIDAN WY	313.4	PLN	DTVPLN -DTVP0107
08	KZSD-TV	MARTIN SD	153.3	CP MOD	BMPEDT -20080618ACQ
08	KZSD-TV	MARTIN SD	153.2	PLN	DTVPLN -DTVP0159
08	K08LN-D	HARRISON NE	154.8	APP	USERRECORD-01

Proposal causes no interference

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## Analysis of Interference to Affected Station 3

### Analysis of current record

Channel	Call	City/State	Application Ref. No.
07	K07YF	CASPER WY	BLTVL -20080806ACI

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KMGH-TV	DENVER CO	347.6	PLN	DTVPLN -DTVP0051
07	KMGH-TV	DENVER CO	347.5	CP MOD	BMPCDDT -20090105ADQ
07	K07GD-D	GLENWOOD SPRINGS CO	362.1	LIC	BLDTV -20070418AAF
07	K07KF-D	THOMASVILLE CO	377.5	LIC	BLDTV -20091221ABK
07	K07YU-D	DINGLE, ETC. ID	406.2	CP	BDCCDVL -20061030ABQ
07	KDUH-TV	SCOTTSDUFF NE	288.0	LIC	BLCDDT -20050914AAH
07	KDUH-TV	SCOTTSDUFF NE	288.0	PLN	DTVPLN -DTVP0079
07	KEVN-TV	RAPID CITY SD	291.1	CP MOD	BMPCDDT -20090225AAI
07	KEVN-TV	RAPID CITY SD	291.1	PLN	DTVPLN -DTVP0094
07	K07NI	JEFFREY CITY WY	136.0	LIC	BLTTV -19941223JI

07	KGWL-TV	LANDER WY	193.7	LIC	BLCDDT	-20080915ABT
07	KGWL-TV	LANDER WY	193.7	PLN	DTVPLN	-DTVP0106
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	CP	BPCDDT	-20080618ACM
07	KSWY	SHERIDAN WY	217.8	PLN	DTVPLN	-DTVP0107
07	K09XK	SHERIDAN, ETC. WY	218.3	LIC	BLTTV	-19840116IA
08	KPTW	CASPER WY	0.0	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	0.0	PLN	DTVPLN	-DTVP0168
08	K08LN-D	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 4

##### Analysis of current record

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

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KMGH-TV	DENVER CO	249.3	PLN	DTVPLN -DTVP0051
07	KMGH-TV	DENVER CO	249.2	CP MOD	BMPCDDT -20090105ADQ
07	K07GD-D	GLENWOOD SPRINGS CO	278.0	LIC	BLDDTV -20070418AAF
07	KJCT	GRAND JUNCTION CO	364.6	LIC	BLCDDT -20060623AAN
07	KJCT	GRAND JUNCTION CO	364.6	PLN	DTVPLN -DTVP0052
07	K07BE-D	GUNNISON CO	379.2	LIC	BLDDTV -20090923ACT
07	K07PA	MANITOU SPRINGS CO	349.6	CP	BDFCDDT -20060331AYF
07	K07VH	SARGENTS CO	388.8	CP	BDFCDDTV -20100212ABM
07	K07KF-D	THOMASVILLE CO	285.6	LIC	BLDDTV -20091221ABK
07	KDUH-TV	SCOTTSDLUFF NE	248.4	LIC	BLCDDT -20050914AAH
07	KDUH-TV	SCOTTSDLUFF NE	248.4	PLN	DTVPLN -DTVP0079
07	KEVN-TV	RAPID CITY SD	334.3	CP MOD	BMPCDDT -20090225AAI
07	KEVN-TV	RAPID CITY SD	334.3	PLN	DTVPLN -DTVP0094
07	K07YF	CASPER WY	98.4	LIC	BLTVL -20080806ACI
07	K07NI	JEFFREY CITY WY	165.4	LIC	BLTTV -19941223JI
07	KGWL-TV	LANDER WY	245.2	LIC	BLCDDT -20080915ABT
07	KGWL-TV	LANDER WY	245.2	PLN	DTVPLN -DTVP0106
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	CP	BPCDDT -20080618ACM
07	KSWY	SHERIDAN WY	316.2	PLN	DTVPLN -DTVP0107
08	KPTW	CASPER WY	98.4	CP MOD	BMPEDT -20081215ACM
08	KPTW	CASPER WY	98.4	PLN	DTVPLN -DTVP0168
08	KWYP-DT	LARAMIE WY	81.7	LIC	BLEDT -20090317ABF
08	KWYP-TV	LARAMIE WY	84.1	PLN	DTVPLN -DTVP0170
08	K08LN-D	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 5

## Analysis of current record

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

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KMGH-TV	DENVER CO	227.1	PLN	DTVPLN	-DTVP0051
07	KMGH-TV	DENVER CO	227.0	CP MOD	BMPCDT	-20090105ADQ
07	K07GD-D	GLENWOOD SPRINGS CO	265.9	LIC	BLDTV	-20070418AAF
07	KJCT	GRAND JUNCTION CO	355.5	LIC	BLCDT	-20060623AAN
07	KJCT	GRAND JUNCTION CO	355.5	PLN	DTVPLN	-DTVP0052
07	K07BE-D	GUNNISON CO	363.1	LIC	BLDTV	-20090923ACT
07	K07PA	MANITOU SPRINGS CO	327.4	CP	BDFCDTT	-20060331AYF
07	K07VH	SARGENTS CO	370.9	CP	BDFCDTV	-20100212ABM
07	K07KF-D	THOMASVILLE CO	269.5	LIC	BLDTV	-20091221ABK
07	K07BW	WESTCLIFFE CO	400.5	CP	BDFCDTV	-20090824AAI
07	KDUH-TV	SCOTTSBLUFF NE	236.0	LIC	BLCDT	-20050914AAH
07	KDUH-TV	SCOTTSBLUFF NE	236.0	PLN	DTVPLN	-DTVP0079
07	KEVN-TV	RAPID CITY SD	340.4	CP MOD	BMPCDT	-20090225AAI
07	KEVN-TV	RAPID CITY SD	340.4	PLN	DTVPLN	-DTVP0094
07	K07YF	CASPER WY	120.6	LIC	BLTVL	-20080806ACI
07	KGWL-TV	LANDER WY	266.2	LIC	BLCDT	-20080915ABT
07	KGWL-TV	LANDER WY	266.2	PLN	DTVPLN	-DTVP0106
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	CP	BPCDT	-20080618ACM
07	KSWY	SHERIDAN WY	338.4	PLN	DTVPLN	-DTVP0107
08	KPTW	CASPER WY	120.6	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	120.6	PLN	DTVPLN	-DTVP0168
08	KWYP-DT	LARAMIE WY	58.4	LIC	BLEDT	-20090317ABF
08	KWYP-TV	LARAMIE WY	60.8	PLN	DTVPLN	-DTVP0170
08	K08LN-D	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 6

## Analysis of current record

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

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	K08HN	ASPEN CO	340.0	CP	BDFCDTV	-20090624ACF
08	KTSC	PUEBLO CO	228.0	CP MOD	BMPEDT	-20090223ABD
08	KTSC	PUEBLO CO	227.9	PLN	DTVPLN	-DTVP0114
08	K08OX-D	THOMASVILLE CO	322.9	LIC	BLDTV	-20100308AAG
08	K08JZ	WAUNITA HOT SPRINGS CO	348.7	CP	BDFCDTV	-20100209AAJ
08	KSWK	LAKIN KS	322.2	LIC	BLEDT	-20050203ADS

08	KSWK	LAKIN KS	322.2	PLN	DTVPLN	-DTVP0126
08	KZSD-TV	MARTIN SD	372.9	CP MOD	BMPEDT	-20080618ACQ
08	KZSD-TV	MARTIN SD	373.1	PLN	DTVPLN	-DTVP0159
08	KPTW	CASPER WY	385.2	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	385.2	PLN	DTVPLN	-DTVP0168
08	KWYP-DT	LARAMIE WY	228.9	LIC	BLEDT	-20090317ABF
08	KWYP-TV	LARAMIE WY	227.0	PLN	DTVPLN	-DTVP0170
09	K09YH-D	SCOTTSBLUFF NE	181.9	LIC	BLDVL	-20090807ADH
08	K08LN-D	HARRISON NE	288.0	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.
08	K08ND	AKRON CO	BPTTV -20080912ACZ

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
08	K08HN	ASPEN CO	340.0	CP	BDFCDTV -20090624ACF
08	KTSC	PUEBLO CO	228.0	CP MOD	BMPEDT -20090223ABD
08	KTSC	PUEBLO CO	227.9	PLN	DTVPLN -DTVP0114
08	K08OX-D	THOMASVILLE CO	322.9	LIC	BLDTV -20100308AAG
08	K08JZ	WAUNITA HOT SPRINGS CO	348.7	CP	BDFCDTV -20100209AAJ
08	KSWK	LAKIN KS	322.2	LIC	BLEDT -20050203ADS
08	KSWK	LAKIN KS	322.2	PLN	DTVPLN -DTVP0126
08	KZSD-TV	MARTIN SD	372.9	CP MOD	BMPEDT -20080618ACQ
08	KZSD-TV	MARTIN SD	373.1	PLN	DTVPLN -DTVP0159
08	KPTW	CASPER WY	385.2	CP MOD	BMPEDT -20081215ACM
08	KPTW	CASPER WY	385.2	PLN	DTVPLN -DTVP0168
08	KWYP-DT	LARAMIE WY	228.9	LIC	BLEDT -20090317ABF
08	KWYP-TV	LARAMIE WY	227.0	PLN	DTVPLN -DTVP0170
09	K09YH-D	SCOTTSBLUFF NE	181.9	LIC	BLDVL -20090807ADH
08	K08LN-D	HARRISON NE	288.0	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	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KMGH-TV	DENVER CO	83.4	PLN	DTVPLN -DTVP0051
07	KMGH-TV	DENVER CO	83.3	CP MOD	BMPCDT -20090105ADQ
07	K07GD-D	GLENWOOD SPRINGS CO	186.6	LIC	BLDTV -20070418AAF
07	K07PA	MANITOU SPRINGS CO	183.7	CP	BDFCDTT -20060331AYF
07	K07KF-D	THOMASVILLE CO	161.0	LIC	BLDTV -20091221ABK
08	K08HN	ASPEN CO	180.2	CP	BDFCDTV -20090624ACF

08	K08PA-D	GRAND JUNCTION CO	285.2	CP	BNPDVL	-20090825BHD
08	KTSC	PUEBLO CO	197.4	CP MOD	BMPEDT	-20090223ABD
08	KTSC	PUEBLO CO	197.4	PLN	DTVPLN	-DTVP0114
08	K08OX-D	THOMASVILLE CO	161.0	LIC	BLDTV	-20100308AAG
08	K08JZ	WAUNITA HOT SPRINGS CO	229.0	CP	BDFCDTV	-20100209AAJ
08	K08ES	RED RIVER NM	419.8	CP	BDFCDTT	-20060323AAI
08	KPTW	CASPER WY	264.3	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	264.3	PLN	DTVPLN	-DTVP0168
08	K08CP	ENCAMPMENT WY	140.8	LIC	BLTTV	-3559
08	KCWC-DT	LANDER WY	358.7	LIC	BLEDT	-20070226AEY
08	KCWC-TV	LANDER WY	358.7	PLN	DTVPLN	-DTVP0169
08	KWYP-DT	LARAMIE WY	94.5	LIC	BLEDT	-20090317ABF
08	KWYP-TV	LARAMIE WY	92.1	PLN	DTVPLN	-DTVP0170
09	KUSA	DENVER CO	83.3	CP MOD	BMPCDT	-20080620AMC
09	KUSA-TV	DENVER CO	83.4	PLN	DTVPLN	-DTVP0180
09	K09YO-D	THOMASVILLE CO	161.0	LIC	BLDTV	-20100120ABQ
09	K09YH-D	SCOTTSBLUFF NE	216.9	LIC	BLDVL	-20090807ADH
08	K08LN-D	HARRISON NE	285.7	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.
08	K08IP	BAKER MT	BLTTV -4607

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KQCD-TV	DICKINSON ND	120.3	LIC	BLCDDT -20090223ABH
07	KQCD-TV	DICKINSON ND	120.4	PLN	DTVPLN -DTVP0076
08	K08JV	BROADUS MT	130.1	CP	BDFCDTV -20091014ABB
08	K08JV	BROADUS, ETC. MT	130.0	LIC	BLTTV -19950117JC
08	K08OC-D	COLSTRIP MT	190.0	CP	BDCCDTV -20061010AEE
08	K08OW-D	HYSHAM MT	238.3	LIC	BLDTV -20090923AEC
08	K08OD-D	ROSEBUD, ETC. MT	175.3	CP	BDCCDTV -20061010AMT
08	KUMV-TV	WILLISTON ND	208.4	LIC	BLCDDT -20090223ABG
08	KUMV-TV	WILLISTON ND	208.4	PLN	DTVPLN -DTVP0141
08	KZSD-TV	MARTIN SD	379.5	CP MOD	BMPEDT -20080618ACQ
08	KZSD-TV	MARTIN SD	379.3	PLN	DTVPLN -DTVP0159
09	K09VL	BOYES & HAMMOND MT	145.4	CP	BDFCDTV -20091014AAZ
09	KDSE	DICKINSON ND	112.0	CP MOD	BMPEDT -20080618AEC
09	KDSE	DICKINSON ND	112.0	PLN	DTVPLN -DTVP0201
08	K08LN-D	HARRISON NE	388.5	APP	USERRECORD-01

Proposed station is beyond the site to nearest cell evaluation distance

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# Analysis of Interference to Affected Station 10

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
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08 K08JV BROADUS MT BDFCDTV -20091014ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	K08IP	BAKER MT	130.1	LIC	BLTTV	-4607
08	K08OC-D	COLSTRIP MT	112.4	CP	BDCCDTV	-20061010AEE
08	K08OW-D	HYSHAM MT	178.2	LIC	BLDTV	-20090923AEC
08	K08OD-D	ROSEBUD, ETC. MT	134.1	CP	BDCCDTV	-20061010AMT
08	KUMV-TV	WILLISTON ND	323.4	LIC	BLCDT	-20090223ABG
08	KUMV-TV	WILLISTON ND	323.4	PLN	DTVPLN	-DTVP0141
08	KZSD-TV	MARTIN SD	373.4	CP MOD	BMPEDT	-20080618ACQ
08	KZSD-TV	MARTIN SD	373.3	PLN	DTVPLN	-DTVP0159
08	KPTW	CASPER WY	307.4	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	307.4	PLN	DTVPLN	-DTVP0168
09	K09VL	BOYES & HAMMOND MT	44.1	CP	BDFCDTV	-20091014AAZ
09	K09YI-D	GILLETTE WY	130.5	LIC	BLDVL	-20090807ADG
09	K09XK	SHERIDAN WY	163.2	CP	BDFCDVL	-20090630AGC
08	K08LN-D	HARRISON NE	311.5	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.
08	K08JV	BROADUS, ETC. MT	BLTTV	-19950117JC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	K08IP	BAKER MT	130.0	LIC	BLTTV	-4607
08	K08OC-D	COLSTRIP MT	112.4	CP	BDCCDTV	-20061010AEE
08	K08OW-D	HYSHAM MT	178.2	LIC	BLDTV	-20090923AEC
08	K08OD-D	ROSEBUD, ETC. MT	134.1	CP	BDCCDTV	-20061010AMT
08	KUMV-TV	WILLISTON ND	323.4	LIC	BLCDT	-20090223ABG
08	KUMV-TV	WILLISTON ND	323.4	PLN	DTVPLN	-DTVP0141
08	KZSD-TV	MARTIN SD	373.4	CP MOD	BMPEDT	-20080618ACQ
08	KZSD-TV	MARTIN SD	373.3	PLN	DTVPLN	-DTVP0159
08	KPTW	CASPER WY	307.4	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	307.4	PLN	DTVPLN	-DTVP0168
09	K09VL	BOYES & HAMMOND MT	44.2	CP	BDFCDTV	-20091014AAZ
09	K09YI-D	GILLETTE WY	130.6	LIC	BLDVL	-20090807ADG
09	K09XK	SHERIDAN WY	163.2	CP	BDFCDVL	-20090630AGC
08	K08LN-D	HARRISON NE	311.6	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	K08OC-D	COLSTRIP MT	BDCCDTV	-20061010AEE



# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	K07WJ	COLSTRIP MT	0.0	LIC	BLTTV	-19970407JB
08	K08KT-D	BOULDER MT	427.5	LIC	BLDTV	-20090831ABW
08	KUSM-TV	BOZEMAN MT	329.5	LIC	BLEDT	-20050926ALC
08	KUSM	BOZEMAN MT	329.5	PLN	DTVPLN	-DTVP0137
08	K08JV	BROADUS MT	112.4	CP	BDFCDTV	-20091014ABB
08	K08JV	BROADUS, ETC. MT	112.4	LIC	BLTTV	-19950117JC
08	K08OW-D	HYSHAM MT	66.2	LIC	BLDTV	-20090923AEC
08	K08OD-D	ROSEBUD, ETC. MT	47.5	CP	BDCCDTV	-20061010AMT
08	KUMV-TV	WILLISTON ND	325.4	LIC	BLCDT	-20090223ABG
08	KUMV-TV	WILLISTON ND	325.4	PLN	DTVPLN	-DTVP0141
08	KPTW	CASPER WY	351.3	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	351.3	PLN	DTVPLN	-DTVP0168
09	K09VL	BOYES & HAMMOND MT	153.7	CP	BDFCDTV	-20091014AAZ
09	K09OY	COLSTRIP MT	1.3	LIC	BLTTV	-19800326IB
09	K09YI-D	GILLETTE WY	202.5	LIC	BLDVL	-20090807ADG
09	K09XK	SHERIDAN WY	146.0	CP	BDFCDVL	-20090630AGC
08	K08LN-D	HARRISON NE	404.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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## Analysis of Interference to Affected Station 13

### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KZSD-TV	MARTIN SD	BMPEDT	-20080618ACQ

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KMNE-TV	BASSETT NE	208.2	LIC	BLEDT	-20090225ABN
07	KMNE-TV	BASSETT NE	208.2	PLN	DTVPLN	-DTVP0078
07	KDUH-TV	SCOTTSBLUFF NE	216.2	LIC	BLCDT	-20050914AAH
07	KDUH-TV	SCOTTSBLUFF NE	216.2	PLN	DTVPLN	-DTVP0079
07	KEVN-TV	RAPID CITY SD	153.3	CP MOD	BMPCDT	-20090225AAI
07	KEVN-TV	RAPID CITY SD	153.3	PLN	DTVPLN	-DTVP0094
08	KESD-TV	BROOKINGS SD	360.8	LIC	BLEDT	-20090527AGV
08	KESD-TV	BROOKINGS SD	360.8	PLN	DTVPLN	-DTVP0158
08	KPTW	CASPER WY	397.5	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	397.5	PLN	DTVPLN	-DTVP0168
08	KWYP-DT	LARAMIE WY	397.8	LIC	BLEDT	-20090317ABF
08	KWYP-TV	LARAMIE WY	398.6	PLN	DTVPLN	-DTVP0170
08	K08LN-D	HARRISON NE	210.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1  
Scenario 1 Affected station 13 KZSD-TV  
Before Analysis

Results for: 8A SD MARTIN BMPEDT 20080618ACQ CP  
HAAT 266.0 m, ATV ERP 44.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	39658	33084.1
not affected by terrain losses	31397	31457.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50	160.4
lost to ATV IX only	50	160.4
lost to all IX	50	160.4

Potential Interfering Stations Included in above Scenario 1

7A SD RAPID CITY	BMPCDT	20090225AAI	CP
8A SD BROOKINGS	BLEDT	20090527AGV	LIC

After Analysis

Results for: 8A SD MARTIN                      BMPEDT      20080618ACQ    CP  
 HAAT 266.0 m, ATV ERP 44.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	39658	33084.1
not affected by terrain losses	31397	31457.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	176	268.1
lost to ATV IX only	176	268.1
lost to all IX	176	268.1

Potential Interfering Stations Included in above Scenario 1

7A SD RAPID CITY	BMPCDT	20090225AAI	CP
8A SD BROOKINGS	BLEDT	20090527AGV	LIC
8A NE HARRISON	USERRECORD01		APP

Percent new IX = 0.4020%

Result key: 2  
 Scenario 2 Affected station 13 KZSD-TV  
 Before Analysis

Results for: 8A SD MARTIN                      BMPEDT      20080618ACQ    CP  
 HAAT 266.0 m, ATV ERP 44.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	39658	33084.1
not affected by terrain losses	31397	31457.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	50	160.4
lost to ATV IX only	50	160.4
lost to all IX	50	160.4

Potential Interfering Stations Included in above Scenario 2

7A SD RAPID CITY	BMPCDT	20090225AAI	CP
8A SD BROOKINGS	BLEDT	20090527AGV	LIC

After Analysis

Results for: 8A SD MARTIN                      BMPEDT      20080618ACQ    CP  
 HAAT 266.0 m, ATV ERP 44.7 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	39658	33084.1
not affected by terrain losses	31397	31457.8
lost to NTSC IX	0	0.0

lost to additional IX by ATV	176	268.1
lost to ATV IX only	176	268.1
lost to all IX	176	268.1

Potential Interfering Stations Included in above Scenario 2

7A SD RAPID CITY	BMPCDT	20090225AAI	CP
8A SD BROOKINGS	BLEDT	20090527AGV	LIC
8A NE HARRISON	USERRECORD01		APP

Percent new IX = 0.4020%

Worst case new IX 0.4020% Scenario 1

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#### Analysis of Interference to Affected Station 14

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	KPTW	CASPER WY	BMPEDT -20081215ACM

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KGWL-TV	LANDER WY	193.7	LIC	BLCDT -20080915ABT
07	KGWL-TV	LANDER WY	193.7	PLN	DTVPLN -DTVP0106
07	KSWY	SHERIDAN WY	217.8	CP	BPCDT -20080618ACM
07	KSWY	SHERIDAN WY	217.8	PLN	DTVPLN -DTVP0107
08	KZSD-TV	MARTIN SD	397.5	CP MOD	BMPEDT -20080618ACQ
08	KZSD-TV	MARTIN SD	397.6	PLN	DTVPLN -DTVP0159
08	KCWC-DT	LANDER WY	192.9	LIC	BLEDT -20070226AEY
08	KCWC-TV	LANDER WY	192.9	PLN	DTVPLN -DTVP0169
08	KWYP-DT	LARAMIE WY	175.7	LIC	BLEDT -20090317ABF
08	KWYP-TV	LARAMIE WY	178.2	PLN	DTVPLN -DTVP0170
09	KFNR	RAWLINS WY	129.7	LIC	BLCDT -20081024AAR
09	KFNR	RAWLINS WY	129.9	PLN	DTVPLN -DTVP0226
08	K08LN-D	HARRISON NE	192.9	APP	USERRECORD-01

Proposal causes no interference

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#### Analysis of Interference to Affected Station 15

##### Analysis of current record

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

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	K07GD-D	GLENWOOD SPRINGS CO	197.7	LIC	BLDTV -20070418AAF
07	K07KF-D	THOMASVILLE CO	214.9	LIC	BLDTV -20091221ABK
07	K07NT	SARATOGA, ETC. WY	31.8	LIC	BLTTV -4763
08	K08HN	ASPEN CO	229.2	CP	BDFCDTV -20090624ACF
08	K08IS	GLEN HAVEN CO	140.8	LIC	BLTTV -4948

08	K08PA-D	GRAND JUNCTION CO	280.1	CP	BNPDVL	-20090825BHD
08	KTSC	PUEBLO CO	324.3	CP MOD	BMPEDT	-20090223ABD
08	KTSC	PUEBLO CO	324.2	PLN	DTVPLN	-DTVP0114
08	K08OX-D	THOMASVILLE CO	214.9	LIC	BLDTV	-20100308AAG
08	K08JZ	WAUNITA HOT SPRINGS CO	303.9	CP	BDFCDTV	-20100209AAJ
08	KPTW	CASPER WY	164.6	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	164.6	PLN	DTVPLN	-DTVP0168
08	KCWC-DT	LANDER WY	217.9	LIC	BLEDT	-20070226AEY
08	KCWC-TV	LANDER WY	217.9	PLN	DTVPLN	-DTVP0169
08	KWYP-DT	LARAMIE WY	106.8	LIC	BLEDT	-20090317ABF
08	KWYP-TV	LARAMIE WY	107.6	PLN	DTVPLN	-DTVP0170
09	K09YO-D	THOMASVILLE CO	214.9	LIC	BLDTV	-20100120ABQ
09	KFNR	RAWLINS WY	68.3	LIC	BLCDT	-20081024AAR
09	KFNR	RAWLINS WY	68.4	PLN	DTVPLN	-DTVP0226
08	K08LN-D	HARRISON NE	280.6	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 16

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KCWC-DT	LANDER WY	BLEDT	-20070226AEY

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KGWL-TV	LANDER WY	34.7	LIC	BLCDT	-20080915ABT
07	KGWL-TV	LANDER WY	34.7	PLN	DTVPLN	-DTVP0106
08	KIFI-TV	IDAHO FALLS ID	336.8	CP	BPCDT	-20080222ADD
08	KIFI-TV	IDAHO FALLS ID	336.7	PLN	DTVPLN	-DTVP0122
08	KUSM-TV	BOZEMAN MT	384.2	LIC	BLEDT	-20050926ALC
08	KUSM	BOZEMAN MT	384.2	PLN	DTVPLN	-DTVP0137
08	KPTW	CASPER WY	192.9	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	192.9	PLN	DTVPLN	-DTVP0168
08	KWYP-DT	LARAMIE WY	304.0	LIC	BLEDT	-20090317ABF
08	KWYP-TV	LARAMIE WY	305.9	PLN	DTVPLN	-DTVP0170
09	KFNR	RAWLINS WY	151.2	LIC	BLCDT	-20081024AAR
09	KFNR	RAWLINS WY	151.0	PLN	DTVPLN	-DTVP0226
08	K08LN-D	HARRISON NE	385.8	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	KWYP-DT	LARAMIE WY	BLEDT	-20090317ABF

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KMGH-TV	DENVER CO	176.5	PLN	DTVPLN	-DTVP0051
07	KMGH-TV	DENVER CO	176.5	CP MOD	BMPCDT	-20090105ADQ

07	KDUH-TV	SCOTTSBLUFF NE	206.6	LIC	BLCDT	-20050914AAH
07	KDUH-TV	SCOTTSBLUFF NE	206.6	PLN	DTVPLN	-DTVP0079
08	KTSC	PUEBLO CO	289.5	CP MOD	BMPEDT	-20090223ABD
08	KTSC	PUEBLO CO	289.5	PLN	DTVPLN	-DTVP0114
08	KZSD-TV	MARTIN SD	397.8	CP MOD	BMPEDT	-20080618ACQ
08	KZSD-TV	MARTIN SD	398.0	PLN	DTVPLN	-DTVP0159
08	KPTW	CASPER WY	175.7	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	175.7	PLN	DTVPLN	-DTVP0168
08	KCWC-DT	LANDER WY	304.0	LIC	BLEDT	-20070226AEY
08	KCWC-TV	LANDER WY	304.0	PLN	DTVPLN	-DTVP0169
09	KUSA	DENVER CO	176.5	CP MOD	BMPCDT	-20080620AMC
09	KUSA-TV	DENVER CO	176.5	PLN	DTVPLN	-DTVP0180
09	KFNR	RAWLINS WY	156.9	LIC	BLCDT	-20081024AAR
09	KFNR	RAWLINS WY	157.1	PLN	DTVPLN	-DTVP0226
08	K08LN-D	HARRISON NE	203.3	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	K08AA	WYODAK, ETC. WY	BLTT	-19820122IO

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	K08JV	BROADUS MT	133.7	CP	BDFCDTV	-20091014ABB
08	K08OC-D	COLSTRIP MT	208.3	CP	BDCCDTV	-20061010AEE
08	K08OW-D	HYSHAM MT	268.6	LIC	BLDTV	-20090923AEC
08	K08OD-D	ROSEBUD, ETC. MT	247.6	CP	BDCCDTV	-20061010AMT
08	KZSD-TV	MARTIN SD	325.4	CP MOD	BMPEDT	-20080618ACQ
08	KZSD-TV	MARTIN SD	325.3	PLN	DTVPLN	-DTVP0159
08	KPTW	CASPER WY	178.5	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	178.5	PLN	DTVPLN	-DTVP0168
08	KCWC-DT	LANDER WY	318.2	LIC	BLEDT	-20070226AEY
08	KCWC-TV	LANDER WY	318.2	PLN	DTVPLN	-DTVP0169
08	KWYP-DT	LARAMIE WY	322.3	LIC	BLEDT	-20090317ABF
08	KWYP-TV	LARAMIE WY	324.7	PLN	DTVPLN	-DTVP0170
09	K09VL	BOYES & HAMMOND MT	104.1	CP	BDFCDTV	-20091014AAZ
09	K09YI-D	GILLETTE WY	6.8	LIC	BLDVL	-20090807ADG
09	K09XK	SHERIDAN WY	138.8	CP	BDFCDVL	-20090630AGC
08	K08LN-D	HARRISON NE	197.9	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.
09	K09PW	HARRISON NE	BLTTV	-19801010IE

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	KUSA	DENVER CO	350.9	CP MOD	BMPCDT	-20080620AMC
09	KUSA-TV	DENVER CO	350.9	PLN	DTVPLN	-DTVP0180
09	K09VL	BOYES & HAMMOND MT	278.0	CP	BDFCDTV	-20091014AAZ
09	KPNE-TV	NORTH PLATTE NE	295.7	LIC	BLEDT	-20090225ABM
09	KPNE-TV	NORTH PLATTE NE	295.9	PLN	DTVPLN	-DTVP0202
09	K09YH-D	SCOTTSBLUFF NE	97.9	LIC	BLDVL	-20090807ADH
09	K09YI-D	GILLETTE WY	214.3	LIC	BLDVL	-20090807ADG
09	KFNR	RAWLINS WY	294.3	LIC	BLCDT	-20081024AAR
09	KFNR	RAWLINS WY	294.6	PLN	DTVPLN	-DTVP0226
09	K09XK	SHERIDAN WY	333.8	CP	BDFCDVL	-20090630AGC
10	K10PS-D	PINE RIDGE SD	112.9	CP MOD	BMPDTV	-20080513AAS
08	K08LN-D	HARRISON NE	10.2	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 20

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	K09YH-D	SCOTTSBLUFF NE	BLDVL	-20090807ADH

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	KUSA	DENVER CO	271.3	CP MOD	BMPCDT	-20080620AMC
09	KUSA-TV	DENVER CO	271.3	PLN	DTVPLN	-DTVP0180
09	K09YO-D	THOMASVILLE CO	377.9	LIC	BLDTV	-20100120ABQ
09	K09VL	BOYES & HAMMOND MT	375.4	CP	BDFCDTV	-20091014AAZ
09	K09PW	HARRISON NE	97.9	LIC	BLTTV	-19801010IE
09	KPNE-TV	NORTH PLATTE NE	228.7	LIC	BLEDT	-20090225ABM
09	KPNE-TV	NORTH PLATTE NE	228.9	PLN	DTVPLN	-DTVP0202
09	K09YI-D	GILLETTE WY	305.4	LIC	BLDVL	-20090807ADG
09	KFNR	RAWLINS WY	296.5	LIC	BLCDT	-20081024AAR
09	KFNR	RAWLINS WY	296.7	PLN	DTVPLN	-DTVP0226
09	K09XK	SHERIDAN WY	415.4	CP	BDFCDVL	-20090630AGC
10	K10PS-D	PINE RIDGE SD	156.3	CP MOD	BMPDTV	-20080513AAS
08	K08LN-D	HARRISON NE	106.1	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.
09	K09XL	DOUGLAS WY	BLTTV	-20030811AHD

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	KPTW	CASPER WY	76.7	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	76.7	PLN	DTVPLN	-DTVP0168
09	KUSA	DENVER CO	337.4	CP MOD	BMPCDT	-20080620AMC
09	KUSA-TV	DENVER CO	337.4	PLN	DTVPLN	-DTVP0180

09	K09YO-D	THOMASVILLE CO	393.5	LIC	BLDTV	-20100120ABQ
09	K09VL	BOYES & HAMMOND MT	260.8	CP	BDFCDTV	-20091014AAZ
09	K09PW	HARRISON NE	124.1	LIC	BLTTV	-19801010IE
09	K09YH-D	SCOTTSBLUFF NE	175.9	LIC	BLDVL	-20090807ADH
09	K09YI-D	GILLETTE WY	164.8	LIC	BLDVL	-20090807ADG
09	K09LS	MEDICINE BOW WY	111.9	LIC	BLTTV	-4196
09	KFNR	RAWLINS WY	185.7	LIC	BLCDDT	-20081024AAR
09	KFNR	RAWLINS WY	185.9	PLN	DTVPLN	-DTVP0226
09	K09XK	SHERIDAN WY	247.9	LIC	BLTTV	-20020722AAL
09	K09XK	SHERIDAN WY	247.9	CP	BDFCDVL	-20090630AGC
08	K08LN-D	HARRISON NE	116.2	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 22

##### Analysis of current record

Channel	Call	City/State	Application Ref. No.
09	K09YI-D	GILLETTE WY	BLDVL -20090807ADG

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
08	K08JV	BROADUS MT	130.5	CP	BDFCDTV -20091014ABB
08	K08OC-D	COLSTRIP MT	202.5	CP	BDCCDTV -20061010AEE
08	K08AA	WYODAK, ETC. WY	6.8	LIC	BLTT -19820122IO
09	K09VL	BOYES & HAMMOND MT	102.8	CP	BDFCDTV -20091014AAZ
09	K09VL	BOYES, ETC. MT	102.7	LIC	BLTTV -19900718IK
09	KDSE	DICKINSON ND	343.4	CP MOD	BMPEDT -20080618AEC
09	KDSE	DICKINSON ND	343.4	PLN	DTVPLN -DTVP0201
09	K09YH-D	SCOTTSBLUFF NE	305.4	LIC	BLDVL -20090807ADH
09	KFNR	RAWLINS WY	307.5	LIC	BLCDDT -20081024AAR
09	KFNR	RAWLINS WY	307.6	PLN	DTVPLN -DTVP0226
09	K09XK	SHERIDAN WY	132.1	LIC	BLTTV -20020722AAL
09	K09XK	SHERIDAN WY	132.1	CP	BDFCDVL -20090630AGC
09	K09AC	SUNDANCE, ETC. WY	93.9	LIC	BLTTV -1928
10	K10AC	ASHLAND MT	154.1	CP	BDFCDTV -20091014AAT
10	K10PO-D	COLSTRIP MT	202.5	CP	BDCCDVL -20061010AEF
10	K10PC	GILLETTE WY	9.7	LIC	BLTVL -20080313ABI
08	K08LN-D	HARRISON NE	204.4	APP	USERRECORD-01

Proposed station is beyond the site to  
nearest cell evaluation distance

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#### Analysis of Interference to Affected Station 23

##### Analysis of current record

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

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	KPTW	CASPER WY	98.4	CP MOD	BMPEDT	-20081215ACM
08	KPTW	CASPER WY	98.4	PLN	DTVPLN	-DTVP0168
08	KWYP-DT	LARAMIE WY	81.7	LIC	BLEDT	-20090317ABF
08	KWYP-TV	LARAMIE WY	84.1	PLN	DTVPLN	-DTVP0170
09	KUSA	DENVER CO	249.2	CP MOD	BMPCDT	-20080620AMC
09	KUSA-TV	DENVER CO	249.3	PLN	DTVPLN	-DTVP0180
09	KKHD-LD	GRAND JUNCTION CO	385.7	CP	BDCCDVL	-20061026AFH
09	K09TH-D	GUNNISON CO	379.2	LIC	BLDTV	-20091021ABR
09	K09YO-D	THOMASVILLE CO	285.6	LIC	BLDTV	-20100120ABQ
09	K09VL	BOYES & HAMMOND MT	366.9	CP	BDFCDTV	-20091014AAZ
09	K09YH-D	SCOTTSBLUFF NE	199.8	LIC	BLDVL	-20090807ADH
09	K09XL	DOUGLAS WY	111.9	LIC	BLTTV	-20030811AHD
09	K09YI-D	GILLETTE WY	266.2	LIC	BLDVL	-20090807ADG
09	K09MI	JEFFREY CITY WY	165.8	LIC	BLTTV	-4585
09	KFNR	RAWLINS WY	97.1	LIC	BLCDDT	-20081024AAR
09	KFNR	RAWLINS WY	97.3	PLN	DTVPLN	-DTVP0226
09	K09OC	SARATOGA WY	66.8	LIC	BLTTV	-19800114KH
09	K09XK	SHERIDAN WY	316.6	CP	BDFCDVL	-20090630AGC
08	K08LN-D	HARRISON NE	198.1	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####

#### Analysis of Interference to Affected Station 24

##### Analysis of current record

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

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	K08JV	BROADUS MT	137.4	CP	BDFCDTV	-20091014ABB
09	K09VL	BOYES & HAMMOND MT	93.3	CP	BDFCDTV	-20091014AAZ
09	K09VL	BOYES, ETC. MT	93.3	LIC	BLTTV	-19900718IK
09	KDSE	DICKINSON ND	283.6	CP MOD	BMPEDT	-20080618AEC
09	KDSE	DICKINSON ND	283.6	PLN	DTVPLN	-DTVP0201
09	K09YH-D	SCOTTSBLUFF NE	286.7	LIC	BLDVL	-20090807ADH
09	K09YI-D	GILLETTE WY	93.9	LIC	BLDVL	-20090807ADG
09	KFNR	RAWLINS WY	372.2	LIC	BLCDDT	-20081024AAR
09	KFNR	RAWLINS WY	372.4	PLN	DTVPLN	-DTVP0226
09	K09XK	SHERIDAN WY	218.7	LIC	BLTTV	-20020722AAL
09	K09XK	SHERIDAN WY	218.7	CP	BDFCDVL	-20090630AGC
10	K10AC	ASHLAND MT	182.3	CP	BDFCDTV	-20091014AAT
10	KHSD-TV	LEAD SD	43.4	LIC	BLCDDT	-20050825ABN
10	KHSD-TV	LEAD SD	43.4	PLN	DTVPLN	-DTVP0278
10	K10PS-D	PINE RIDGE SD	210.4	CP MOD	BMPDTV	-20080513AAS
08	K08LN-D	HARRISON NE	180.9	APP	USERRECORD-01	

Proposed station is beyond the site to  
nearest cell evaluation distance

#####



# Analysis of Interference to Affected Station 25

## Analysis of current record

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

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KDUH-TV	SCOTTSBLUFF NE	129.3	LIC	BLCDDT -20050914AAH
07	KDUH-TV	SCOTTSBLUFF NE	129.3	PLN	DTVPLN -DTVP0079
08	K08JV	BROADUS MT	311.5	CP	BDFCDTV -20091014ABB
08	K08OC-D	COLSTRIP MT	404.1	CP	BDCCDTV -20061010AEE
08	KZSD-TV	MARTIN SD	210.9	CP MOD	BMPEDT -20080618ACQ
08	KZSD-TV	MARTIN SD	211.0	PLN	DTVPLN -DTVP0159
08	KPTW	CASPER WY	192.9	CP MOD	BMPEDT -20081215ACM
08	KPTW	CASPER WY	192.9	PLN	DTVPLN -DTVP0168
08	KCWC-DT	LANDER WY	385.8	LIC	BLEDT -20070226AEY
08	KCWC-TV	LANDER WY	385.8	PLN	DTVPLN -DTVP0169
08	KWYP-DT	LARAMIE WY	203.3	LIC	BLEDT -20090317ABF
08	KWYP-TV	LARAMIE WY	204.8	PLN	DTVPLN -DTVP0170
09	K09PW	HARRISON NE	10.2	LIC	BLTTV -19801010IE
09	K09YH-D	SCOTTSBLUFF NE	106.1	LIC	BLDVL -20090807ADH
09	K09YI-D	GILLETTE WY	204.4	LIC	BLDVL -20090807ADG

Total scenarios = 1

Result key: 3  
Scenario 1 Affected station 25 K08LN-D  
Before Analysis

Results for: 8A NE HARRISON USERRECORD01 APP

HAAT 214.0 m, ATV ERP 0.1 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	506	1454.3
not affected by terrain losses	501	1441.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	18	47.3
lost to ATV IX only	18	47.3
lost to all IX	18	47.3

Potential Interfering Stations Included in above Scenario 1

8A WY LARAMIE BLEDT 20090317ABF LIC

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Summary Study

Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-21-2010 Time: 08:56:12

Record Selected for Analysis

K08LN-D USERRECORD-01 HARRISON NE US  
Channel 08 ERP 0.0654 kW HAAT 214. m RCAMSL 01639 m SIMPLE MASK  
Latitude 042-47-02 Longitude 0103-59-46  
Status APP Zone 1 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 57.  
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	0.001	334.0	13.4
45.0	0.048	395.4	37.0
90.0	0.053	347.4	35.3
135.0	0.064	129.5	24.1
180.0	0.013	127.6	16.3
225.0	0.000	139.1	5.0
270.0	0.000	108.1	4.6
315.0	0.000	134.2	4.9

Contour Overlap to Proposed Station

Station  
K09PW 9 HARRISON NE BLTTTV19801010IE

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

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet 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-D	HARRISON NE	USERRECORD01

Stations Potentially Affected by Proposed Station

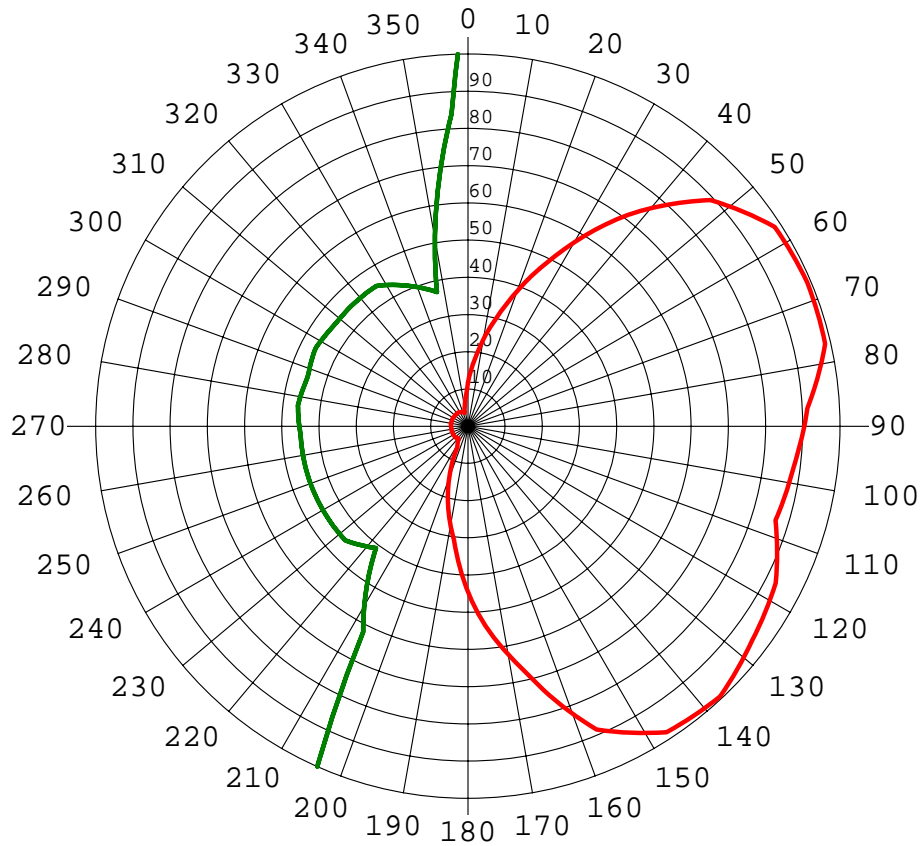
Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KDUH-TV	SCOTTSBLUFF NE	129.3	LIC	BLCDDT	-20050914AAH
07	KEVN-TV	RAPID CITY SD	154.8	CP MOD	BMPCDDT	-20090225AAI
07	K07YF	CASPER WY	192.9	LIC	BLTVL	-20080806ACI
07	K07LI	MEDICINE BOW WY	198.1	LIC	BLTTV	-4195
07	K07JE	ROCK RIVER WY	198.2	LIC	BLTTV	-3608
08	K08ND	AKRON CO	288.0	LIC	BLTTV	-20041029AFC
08	K08ND	AKRON CO	288.0	CP	BPTTV	-20080912ACZ
08	K08IS	GLEN HAVEN CO	285.7	LIC	BLTTV	-4948
08	K08IP	BAKER MT	388.5	LIC	BLTTV	-4607
08	K08JV	BROADUS MT	311.5	CP	BDFCDDTV	-20091014ABB
08	K08JV	BROADUS, ETC. MT	311.6	LIC	BLTTV	-19950117JC
08	K08OC-D	COLSTRIP MT	404.1	CP	BDCCDDTV	-20061010AEE
08	KZSD-TV	MARTIN SD	210.9	CP MOD	BMPEDT	-20080618ACQ
08	KPTW	CASPER WY	192.9	CP MOD	BMPEDT	-20081215ACM
08	K08CP	ENCAMPMENT WY	280.6	LIC	BLTTV	-3559
08	KCWC-DT	LANDER WY	385.8	LIC	BLEDT	-20070226AEY
08	KWYP-DT	LARAMIE WY	203.3	LIC	BLEDT	-20090317ABF
08	K08AA	WYODAK, ETC. WY	197.9	LIC	BLTT	-19820122IO
09	K09PW	HARRISON NE	10.2	LIC	BLTTV	-19801010IE
09	K09YH-D	SCOTTSBLUFF NE	106.1	LIC	BLDVL	-20090807ADH
09	K09XL	DOUGLAS WY	116.2	LIC	BLTTV	-20030811AHD
09	K09YI-D	GILLETTE WY	204.4	LIC	BLDVL	-20090807ADG
09	K09LS	MEDICINE BOW WY	198.1	LIC	BLTTV	-4196
09	K09AC	SUNDANCE, ETC. WY	180.9	LIC	BLTTV	-1928

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Study of this proposal found the following interference problem(s):

NONE.

# K08LN - Directional Antenna Pattern



Azi	Rel	dBk	kW	dB	Azi	Rel	dBk	kW	dB
0	0.983	-11.99	0.063	-0.15	180	0.045	-38.78	0.000	-26.94
10	0.990	-11.93	0.064	-0.09	190	0.045	-38.78	0.000	-26.94
20	0.985	-11.98	0.063	-0.13	200	0.045	-38.78	0.000	-26.94
30	0.913	-12.63	0.055	-0.79	210	0.045	-38.78	0.000	-26.94
40	0.882	-12.93	0.051	-1.09	220	0.046	-38.59	0.000	-26.74
50	0.864	-13.11	0.049	-1.27	230	0.045	-38.78	0.000	-26.94
60	0.928	-12.49	0.056	-0.65	240	0.046	-38.59	0.000	-26.74
70	0.956	-12.24	0.060	-0.39	250	0.045	-38.78	0.000	-26.94
80	0.993	-11.91	0.064	-0.06	260	0.045	-38.78	0.000	-26.94
90	0.980	-12.02	0.063	-0.18	270	0.045	-38.78	0.000	-26.94
100	0.885	-12.91	0.051	-1.06	280	0.041	-39.59	0.000	-27.74
110	0.674	-15.27	0.030	-3.43	290	0.037	-40.48	0.000	-28.64
120	0.503	-17.81	0.017	-5.97	300	0.084	-33.36	0.000	-21.51
130	0.307	-22.10	0.006	-10.26	310	0.194	-26.09	0.002	-14.24
140	0.183	-26.60	0.002	-14.75	320	0.334	-21.37	0.007	-9.53
150	0.062	-36.00	0.000	-24.15	330	0.510	-17.69	0.017	-5.85
160	0.041	-39.59	0.000	-27.74	340	0.710	-14.82	0.033	-2.97
170	0.045	-38.78	0.000	-26.94	350	0.891	-12.85	0.052	-1.00

Rotation Angle = 57