

KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

TW Census data selected 2000

Post Transition Data Base Selected /export/home/cdbb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 08-20-2008

Record Selected for Analysis

KTSCDT USERRECORD-01 PUEBLO CO US
Channel 08 ERP 105. kW HAAT 373. m RCAMSL 01888 m
Latitude 038-22-25 Longitude 0104-33-27
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000032868 Beam tilt N Ref Azimuth 180.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50,90) (km)
0.0	95.162	317.3	112.5
45.0	27.364	331.0	102.6
90.0	5.898	388.3	94.7
135.0	27.364	421.9	110.0
180.0	95.162	423.4	122.3
225.0	94.762	410.3	120.7
270.0	78.020	361.4	114.3
315.0	94.762	328.4	113.4

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation 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

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
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KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

08 KTSCDT PUEBLO CO USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KMGH-TV	DENVER CO	161.7	CP MOD	BMPCDT	-20080331AEN
07	KMGH-TV	DENVER CO	161.7	PLN	DTVPLN	-DTVP0050
07	KMGH-TV	DENVER CO	161.7	APP	BPCDT	-20080619AIY
08	KSWK	LAKIN KS	307.6	LIC	BLEDT	-20050203ADS
08	KSWK	LAKIN KS	307.6	PLN	DTVPLN	-DTVP0128
08	KOFT	FARMINGTON NM	375.0	CP MOD	BMPCDT	-20041028AGN
08	KOFT	FARMINGTON NM	375.0	PLN	DTVPLN	-DTVP0148
08	KACV-TV	AMARILLO TX	409.4	LIC	BLEDT	-20040322ADV
08	KACV-TV	AMARILLO TX	409.4	PLN	DTVPLN	-DTVP0164
08	KWYP-TV	LARAMIE WY	332.7	PLN	DTVPLN	-DTVP0174
08	KWYP-TV	LARAMIE WY	335.2	CP MOD	BMPEDT	-20080617ADF
09	KUSA-TV	DENVER CO	161.7	APP	BMPCDT	-20080620AMC
09	KUSA-TV	DENVER CO	161.7	PLN	DTVPLN	-DTVP0184
09	KUSA-TV	DENVER CO	161.7	CP	BPCDT	-20080416ABB

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KMGH-TV	DENVER CO	BMPCDT	-20080331AEN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KJCT	GRAND JUNCTION CO	270.3	LIC	BLCDT	-20060623AAN
07	KJCT	GRAND JUNCTION CO	270.3	PLN	DTVPLN	-DTVP0051
07	KDUH-TV	SCOTTSBLUFF NE	296.6	LIC	BLCDT	-20050914AAH
07	KDUH-TV	SCOTTSBLUFF NE	296.6	PLN	DTVPLN	-DTVP0081
08	KTSC	PUEBLO CO	114.1	PLN	DTVPLN	-DTVP0116
08	KWYP-TV	LARAMIE WY	174.0	PLN	DTVPLN	-DTVP0174
08	KWYP-TV	LARAMIE WY	176.5	CP MOD	BMPEDT	-20080617ADF
08	KTSCDT	PUEBLO CO	161.7	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 1
Before Analysis

Results for: 7A CO DENVER BMPCDT 20080331AEN CP
HAAT 359.0 m, ATV ERP 2.8 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2853238	18861.4
not affected by terrain losses	2816489	17370.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	11806	391.7
lost to ATV IX only	11806	391.7
lost to all IX	11806	391.7

Potential Interfering Stations Included in above Scenario 1

7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
8A CO PUEBLO	DTVPLN	DTVP0116	PLN

After Analysis

Results for: 7A CO DENVER BMPCDT 20080331AEN CP

KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

HAAT	359.0 m, ATV ERP	2.8 kW	
		POPULATION	AREA (sq km)
within Noise Limited Contour		2853238	18861.4
not affected by terrain losses		2816489	17370.5
lost to NTSC IX		0	0.0
lost to additional IX by ATV		5894	287.8
lost to ATV IX only		5894	287.8
lost to all IX		5894	287.8

Potential Interfering Stations Included in above Scenario 1

7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
8A CO PUEBLO	USERRECORD01		APP

Percent new IX = -0.2108%

Worst case new IX -0.2108% Scenario 1

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KMGH-TV	DENVER CO	DTVPLN	-DTVP0050

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KJCT	GRAND JUNCTION CO	270.3	LIC	BLCDT	-20060623AAN
07	KJCT	GRAND JUNCTION CO	270.3	PLN	DTVPLN	-DTVP0051
07	KDUH-TV	SCOTTSBLUFF NE	296.6	LIC	BLCDT	-20050914AAH
07	KDUH-TV	SCOTTSBLUFF NE	296.6	PLN	DTVPLN	-DTVP0081
08	KTSC	PUEBLO CO	114.0	PLN	DTVPLN	-DTVP0116
08	KWYP-TV	LARAMIE WY	174.1	PLN	DTVPLN	-DTVP0174
08	KWYP-TV	LARAMIE WY	176.5	CP MOD	BMPEDT	-20080617ADF
08	KTSCDT	PUEBLO CO	161.7	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 2
Before Analysis

Results for: 7A CO DENVER DTVPLN DTVP0050 PLN

HAAT	295.0 m, ATV ERP	37.4 kW	
		POPULATION	AREA (sq km)
within Noise Limited Contour		3035254	27977.1
not affected by terrain losses		2958290	25479.5
lost to NTSC IX		0	0.0
lost to additional IX by ATV		59085	547.5
lost to ATV IX only		59085	547.5
lost to all IX		59085	547.5

Potential Interfering Stations Included in above Scenario 1

7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
8A CO PUEBLO	DTVPLN	DTVP0116	PLN

After Analysis

Results for: 7A CO DENVER DTVPLN DTVP0050 PLN

HAAT	295.0 m, ATV ERP	37.4 kW	
		POPULATION	AREA (sq km)

KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

within Noise Limited Contour	3035254	27977.1
not affected by terrain losses	2958290	25479.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	28028	375.6
lost to ATV IX only	28028	375.6
lost to all IX	28028	375.6

Potential Interfering Stations Included in above Scenario 1

7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
8A CO PUEBLO	USERRECORD01		APP

Percent new IX = -1.0712%

Worst case new IX -1.0712% Scenario 1

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
07	KMGH-TV	DENVER CO	BPCDT	-20080619AIY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KJCT	GRAND JUNCTION CO	270.3	LIC	BLCDT	-20060623AAN
07	KJCT	GRAND JUNCTION CO	270.3	PLN	DTVPLN	-DTVP0051
07	KDUH-TV	SCOTTSBLUFF NE	296.6	LIC	BLCDT	-20050914AAH
07	KDUH-TV	SCOTTSBLUFF NE	296.6	PLN	DTVPLN	-DTVP0081
08	KTSC	PUEBLO CO	114.1	PLN	DTVPLN	-DTVP0116
08	KWYP-TV	LARAMIE WY	174.0	PLN	DTVPLN	-DTVP0174
08	KWYP-TV	LARAMIE WY	176.5	CP MOD	BMPEDT	-20080617ADF
08	KTSCDT	PUEBLO CO	161.7	APP	USERRECORD-01	

Total scenarios = 2

Result key: 5
Scenario 1 Affected station 3
Before Analysis

Results for: 7A CO DENVER BPCDT 20080619AIY APP
HAAT 359.0 m, ATV ERP 27.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3090430	29637.1
not affected by terrain losses	2977567	26331.2
lost to NTSC IX	0	0.0
lost to additional IX by ATV	67208	671.6
lost to ATV IX only	67208	671.6
lost to all IX	67208	671.6

Potential Interfering Stations Included in above Scenario 1

7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
8A CO PUEBLO	DTVPLN	DTVP0116	PLN

After Analysis

Results for: 7A CO DENVER BPCDT 20080619AIY APP
HAAT 359.0 m, ATV ERP 27.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3090430	29637.1
not affected by terrain losses	2977567	26331.2

KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

lost to NTSC IX	0	0.0
lost to additional IX by ATV	32460	483.7
lost to ATV IX only	32460	483.7
lost to all IX	32460	483.7

Potential Interfering Stations Included in above Scenario 1

7A NE SCOTTSBLUFF	BLCDT	20050914AAH	LIC
8A CO PUEBLO	USERRECORD01		APP

Percent new IX = -1.1939%

Worst case new IX -1.1939% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KSWK	LAKIN KS	BLEDT	-20050203ADS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KBSH-TV	HAYS KS	194.0	PLN	DTVPLN	-DTVP0063
07	KBSH-TV	HAYS KS	194.0	CP MOD	BMPCDT	-20080313ABR
08	KTSC	PUEBLO CO	342.8	PLN	DTVPLN	-DTVP0116
08	KPTS	HUTCHINSON KS	293.3	CP	BPEDT	-20080313ACD
08	KPTS	HUTCHINSON KS	293.3	PLN	DTVPLN	-DTVP0127
08	KPTS	HUTCHINSON KS	293.3	APP	BMPEDT	-20080618ABB
08	KWET	CHEYENNE OK	279.6	LIC	BLEDT	-20060601BMA
08	KWET	CHEYENNE OK	279.6	PLN	DTVPLN	-DTVP0154
08	KACV-TV	AMARILLO TX	281.2	LIC	BLEDT	-20040322ADV
08	KACV-TV	AMARILLO TX	281.2	PLN	DTVPLN	-DTVP0164
08	KTSCDT	PUEBLO CO	307.6	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.
08	KSWK	LAKIN KS	DTVPLN	-DTVP0128

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KBSH-TV	HAYS KS	194.0	PLN	DTVPLN	-DTVP0063
07	KBSH-TV	HAYS KS	194.0	CP MOD	BMPCDT	-20080313ABR
08	KTSC	PUEBLO CO	342.8	PLN	DTVPLN	-DTVP0116
08	KPTS	HUTCHINSON KS	293.3	CP	BPEDT	-20080313ACD
08	KPTS	HUTCHINSON KS	293.3	PLN	DTVPLN	-DTVP0127
08	KPTS	HUTCHINSON KS	293.3	APP	BMPEDT	-20080618ABB
08	KWET	CHEYENNE OK	279.6	LIC	BLEDT	-20060601BMA
08	KWET	CHEYENNE OK	279.6	PLN	DTVPLN	-DTVP0154
08	KACV-TV	AMARILLO TX	281.2	LIC	BLEDT	-20040322ADV
08	KACV-TV	AMARILLO TX	281.2	PLN	DTVPLN	-DTVP0164
08	KTSCDT	PUEBLO CO	307.6	APP	USERRECORD-01	

Proposal causes no interference

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KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KOFT	FARMINGTON NM	BMPCDT	-20041028AGN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KOAT-TV	ALBUQUERQUE NM	227.8	PLN	DTVPLN	-DTVP0082
07	KOAT-TV	ALBUQUERQUE NM	227.8	CP	BPCDT	-20080317AEH
08	KTSC	PUEBLO CO	375.4	PLN	DTVPLN	-DTVP0116
09	KNMD-TV	SANTA FE NM	228.0	PLN	DTVPLN	-DTVP0211
09	KNMD-TV	SANTA FE NM	228.0	LIC	BLEDT	-20040914AAT
08	KTSCDT	PUEBLO CO	375.0	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	KOFT	FARMINGTON NM	DTVPLN	-DTVP0148

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KOAT-TV	ALBUQUERQUE NM	227.8	PLN	DTVPLN	-DTVP0082
07	KOAT-TV	ALBUQUERQUE NM	227.8	CP	BPCDT	-20080317AEH
08	KTSC	PUEBLO CO	375.4	PLN	DTVPLN	-DTVP0116
09	KNMD-TV	SANTA FE NM	228.0	PLN	DTVPLN	-DTVP0211
09	KNMD-TV	SANTA FE NM	228.0	LIC	BLEDT	-20040914AAT
08	KTSCDT	PUEBLO CO	375.0	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	KACV-TV	AMARILLO TX	BLEDT	-20040322ADV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KVII-TV	AMARILLO TX	0.1	PLN	DTVPLN	-DTVP0099
07	KVII-TV	AMARILLO TX	0.0	CP	BPCDT	-20080317AGO
08	KSWK	LAKIN KS	281.2	LIC	BLEDT	-20050203ADS
08	KSWK	LAKIN KS	281.2	PLN	DTVPLN	-DTVP0128
08	KOBR	ROSWELL NM	281.8	PLN	DTVPLN	-DTVP0149
08	KOBR	ROSWELL NM	281.8	CP MOD	BMPCDT	-20080618AAA
08	KWET	CHEYENNE OK	202.0	LIC	BLEDT	-20060601BMA
08	KWET	CHEYENNE OK	201.9	PLN	DTVPLN	-DTVP0154
08	KTSCDT	PUEBLO CO	409.4	APP	USERRECORD-01	

Proposal causes no interference

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KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KACV-TV	AMARILLO TX	DTVPLN	-DTVP0164

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KVII-TV	AMARILLO TX	0.1	PLN	DTVPLN	-DTVP0099
07	KVII-TV	AMARILLO TX	0.0	CP	BPCDT	-20080317AGO
08	KSWK	LAKIN KS	281.2	LIC	BLEDT	-20050203ADS
08	KSWK	LAKIN KS	281.2	PLN	DTVPLN	-DTVP0128
08	KOBR	ROSWELL NM	281.8	PLN	DTVPLN	-DTVP0149
08	KOBR	ROSWELL NM	281.8	CP MOD	BMPCDT	-20080618AAA
08	KWET	CHEYENNE OK	202.0	LIC	BLEDT	-20060601BMA
08	KWET	CHEYENNE OK	201.9	PLN	DTVPLN	-DTVP0154
08	KTSCDT	PUEBLO CO	409.4	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	KWYP-TV	LARAMIE WY	DTVPLN	-DTVP0174

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KMGH-TV	DENVER CO	174.0	CP MOD	BMPCDT	-20080331AEN
07	KMGH-TV	DENVER CO	174.1	PLN	DTVPLN	-DTVP0050
07	KMGH-TV	DENVER CO	174.0	APP	BPCDT	-20080619AIY
07	KDUH-TV	SCOTTSDLUFF NE	206.5	LIC	BLCDT	-20050914AAH
07	KDUH-TV	SCOTTSDLUFF NE	206.5	PLN	DTVPLN	-DTVP0081
08	KTSC	PUEBLO CO	286.9	PLN	DTVPLN	-DTVP0116
08	KZSD-TV	MARTIN SD	398.6	CP MOD	BMPEDT	-20080618ACQ
08	KZSD-TV	MARTIN SD	398.8	PLN	DTVPLN	-DTVP0162
08	KPTW-DR	CASPER WY	178.2	APP	BPRM	-20080619ALX
08	KCWC-TV	LANDER WY	305.9	LIC	BLEDT	-20070226AEY
08	KCWC-TV	LANDER WY	305.9	PLN	DTVPLN	-DTVP0173
09	KUSA-TV	DENVER CO	174.0	APP	BMPCDT	-20080620AMC
09	KUSA-TV	DENVER CO	174.1	PLN	DTVPLN	-DTVP0184
09	KUSA-TV	DENVER CO	174.0	CP	BPCDT	-20080416ABB
09	KFNR	RAWLINS WY	158.5	CP MOD	BMPCDT	-20080124ACR
09	KFNR	RAWLINS WY	158.7	PLN	DTVPLN	-DTVP0234
08	KTSCDT	PUEBLO CO	332.7	APP	USERRECORD-01	

Total scenarios = 2

Result key:

7

Scenario 1 Affected station 10
Before Analysis

Results for: 8A WY LARAMIE DTVPLN DTVP0174 PLN
HAAT 318.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	110296	15080.1
not affected by terrain losses	109868	13186.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	67	204.2

KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

lost to ATV IX only	67	204.2
lost to all IX	67	204.2

Potential Interfering Stations Included in above Scenario 1

8A WY LANDER	BLEDT	20070226AEY	LIC
8A CO PUEBLO	DTVPLN	DTVP0116	PLN

After Analysis

Results for: 8A WY LARAMIE	DTVPLN	DTVP0174	PLN
HAAT 318.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	110296	15080.1	
not affected by terrain losses	109868	13186.6	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	53	196.2	
lost to ATV IX only	53	196.2	
lost to all IX	53	196.2	

Potential Interfering Stations Included in above Scenario 1

8A WY LANDER	BLEDT	20070226AEY	LIC
8A CO PUEBLO	USERRECORD01		APP

Percent new IX = -0.0128%

Worst case new IX -0.0128% Scenario 1

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
08	KWYP-TV	LARAMIE WY	BMPEDT	-20080617ADF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	KMGH-TV	DENVER CO	176.5	CP MOD	BMPCDT	-20080331AEN
07	KMGH-TV	DENVER CO	176.5	PLN	DTVPLN	-DTVP0050
07	KMGH-TV	DENVER CO	176.5	APP	BPCDT	-20080619AIY
07	KDUH-TV	SCOTTSBLUFF NE	206.6	LIC	BLCDT	-20050914AAH
07	KDUH-TV	SCOTTSBLUFF NE	206.6	PLN	DTVPLN	-DTVP0081
08	KTSC	PUEBLO CO	289.5	PLN	DTVPLN	-DTVP0116
08	KZSD-TV	MARTIN SD	397.8	CP MOD	BMPEDT	-20080618ACQ
08	KZSD-TV	MARTIN SD	398.0	PLN	DTVPLN	-DTVP0162
08	KPTW-DR	CASPER WY	175.7	APP	BPRM	-20080619ALX
08	KCWC-TV	LANDER WY	304.0	LIC	BLEDT	-20070226AEY
08	KCWC-TV	LANDER WY	304.0	PLN	DTVPLN	-DTVP0173
09	KUSA-TV	DENVER CO	176.5	APP	BMPCDT	-20080620AMC
09	KUSA-TV	DENVER CO	176.5	PLN	DTVPLN	-DTVP0184
09	KUSA-TV	DENVER CO	176.5	CP	BPCDT	-20080416ABB
09	KFNR	RAWLINS WY	156.9	CP MOD	BMPCDT	-20080124ACR
09	KFNR	RAWLINS WY	157.1	PLN	DTVPLN	-DTVP0234
08	KTSCDT	PUEBLO CO	335.2	APP	USERRECORD-01	

Total scenarios = 6

Result key: 9
Scenario 1 Affected station 11
Before Analysis

KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Results for: 8A WY LARAMIE BMPEDT 20080617ADF CP

HAAT 308.0 m, ATV ERP 13.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	114170	21305.0
not affected by terrain losses	112533	18219.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	71	448.3
lost to ATV IX only	71	448.3
lost to all IX	71	448.3

Potential Interfering Stations Included in above Scenario 1

8A WY LANDER	BLEDT	20070226AEY	LIC
8A CO PUEBLO	DTVPLN	DTVP0116	PLN

After Analysis

Results for: 8A WY LARAMIE BMPEDT 20080617ADF CP

HAAT 308.0 m, ATV ERP 13.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	114170	21305.0
not affected by terrain losses	112533	18219.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30	476.3
lost to ATV IX only	30	476.3
lost to all IX	30	476.3

Potential Interfering Stations Included in above Scenario 1

8A WY LANDER	BLEDT	20070226AEY	LIC
8A CO PUEBLO	USERRECORD01		APP

Percent new IX = -0.0365%

Worst case new IX -0.0365% Scenario 1

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application Ref. No.
09	KUSA-TV	DENVER CO	BMPCDT -20080620AMC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
08	KTSC	PUEBLO CO	114.1	PLN	DTVPLN -DTVP0116
08	KWYP-TV	LARAMIE WY	174.0	PLN	DTVPLN -DTVP0174
08	KWYP-TV	LARAMIE WY	176.5	CP MOD	BMPEDT -20080617ADF
09	KPNE-TV	NORTH PLATTE NE	373.9	PLN	DTVPLN -DTVP0209
09	KPNE-TV	NORTH PLATTE NE	373.9	CP MOD	BMPEDT -20080620AAZ
09	KFNR	RAWLINS WY	282.7	CP MOD	BMPCDT -20080124ACR
09	KFNR	RAWLINS WY	282.9	PLN	DTVPLN -DTVP0234
10	KKTV	COLORADO SPRINGS CO	114.1	LIC	BLCDDT -20030512ADQ
10	KKTV	COLORADO SPRINGS CO	114.1	PLN	DTVPLN -DTVP0244
10	KRMZ	STEAMBOAT SPRINGS CO	159.7	LIC	BLCDDT -20060711ABO
10	KRMZ	STEAMBOAT SPRINGS CO	159.7	PLN	DTVPLN -DTVP0245
08	KTSCDT	PUEBLO CO	161.7	APP	USERRECORD-01

Total scenarios = 4

Result key: 15
Scenario 1 Affected station 12

KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Before Analysis

Results for: 9A CO DENVER BMPCDT 20080620AMC APP

HAAT 352.0 m, ATV ERP 45.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3226224	32365.7
not affected by terrain losses	2998473	28144.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	64478	507.7
lost to ATV IX only	64478	507.7
lost to all IX	64478	507.7

Potential Interfering Stations Included in above Scenario 1

9A NE NORTH PLATTE	DTVPLN	DTVP0209	PLN
10A CO COLORADO SPRINGS	BLCDT	20030512ADQ	LIC
8A CO PUEBLO	DTVPLN	DTVP0116	PLN

After Analysis

Results for: 9A CO DENVER BMPCDT 20080620AMC APP

HAAT 352.0 m, ATV ERP 45.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3226224	32365.7
not affected by terrain losses	2998473	28144.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	64025	515.6
lost to ATV IX only	64025	515.6
lost to all IX	64025	515.6

Potential Interfering Stations Included in above Scenario 1

9A NE NORTH PLATTE	DTVPLN	DTVP0209	PLN
10A CO COLORADO SPRINGS	BLCDT	20030512ADQ	LIC
8A CO PUEBLO	USERRECORD01		APP

Percent new IX = -0.0154%

Worst case new IX -0.0241% Scenario 1

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
09	KUSA-TV	DENVER CO	BPCDT	-20080416ABB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
08	KTSC	PUEBLO CO	114.1	PLN	DTVPLN	-DTVP0116
08	KWYP-TV	LARAMIE WY	174.0	PLN	DTVPLN	-DTVP0174
08	KWYP-TV	LARAMIE WY	176.5	CP MOD	BMPEDT	-20080617ADF
09	KPNE-TV	NORTH PLATTE NE	373.9	PLN	DTVPLN	-DTVP0209
09	KPNE-TV	NORTH PLATTE NE	373.9	CP MOD	BMPEDT	-20080620AAZ
09	KFNR	RAWLINS WY	282.7	CP MOD	BMPCDT	-20080124ACR
09	KFNR	RAWLINS WY	282.9	PLN	DTVPLN	-DTVP0234
10	KKTV	COLORADO SPRINGS CO	114.1	LIC	BLCDT	-20030512ADQ
10	KKTV	COLORADO SPRINGS CO	114.1	PLN	DTVPLN	-DTVP0244
10	KRMZ	STEAMBOAT SPRINGS CO	159.7	LIC	BLCDT	-20060711ABO
10	KRMZ	STEAMBOAT SPRINGS CO	159.7	PLN	DTVPLN	-DTVP0245
08	KTSCDT	PUEBLO CO	161.7	APP	USERRECORD-01	

Total scenarios = 2

KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

Result key: 23
Scenario 1 Affected station 14
Before Analysis

Results for: 9A CO DENVER BPCDT 20080416ABB CP
HAAT 352.0 m, ATV ERP 6.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2884295	21485.7
not affected by terrain losses	2857142	19759.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10670	127.9
lost to ATV IX only	10670	127.9
lost to all IX	10670	127.9

Potential Interfering Stations Included in above Scenario 1

10A CO COLORADO SPRINGS	BLCDT	20030512ADQ	LIC
8A CO PUEBLO	DTVPLN	DTVP0116	PLN

After Analysis

Results for: 9A CO DENVER BPCDT 20080416ABB CP
HAAT 352.0 m, ATV ERP 6.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2884295	21485.7
not affected by terrain losses	2857142	19759.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	10670	127.9
lost to ATV IX only	10670	127.9
lost to all IX	10670	127.9

Potential Interfering Stations Included in above Scenario 1

10A CO COLORADO SPRINGS	BLCDT	20030512ADQ	LIC
8A CO PUEBLO	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
08	KTSCDT	PUEBLO CO	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
07	KMGH-TV	DENVER CO	161.7	CP MOD	BMPCDT -20080331AEN
07	KMGH-TV	DENVER CO	161.7	PLN	DTVPLN -DTVP0050
07	KMGH-TV	DENVER CO	161.7	APP	BPCDT -20080619AIY
08	KSWK	LAKIN KS	307.6	LIC	BLEDT -20050203ADS
08	KSWK	LAKIN KS	307.6	PLN	DTVPLN -DTVP0128
08	KOFT	FARMINGTON NM	375.0	CP MOD	BMPCDT -20041028AGN
08	KOFT	FARMINGTON NM	375.0	PLN	DTVPLN -DTVP0148
08	KACV-TV	AMARILLO TX	409.4	LIC	BLEDT -20040322ADV
08	KACV-TV	AMARILLO TX	409.4	PLN	DTVPLN -DTVP0164
08	KWYP-TV	LARAMIE WY	332.7	PLN	DTVPLN -DTVP0174
08	KWYP-TV	LARAMIE WY	335.2	CP MOD	BMPEDT -20080617ADF
09	KUSA-TV	DENVER CO	161.7	APP	BMPCDT -20080620AMC
09	KUSA-TV	DENVER CO	161.7	PLN	DTVPLN -DTVP0184

KTSC-DT, Pueblo, CO, OET-69 Post-Transition Interference Analysis (worst-case scenarios)

09 KUSA-TV DENVER CO 161.7 CP BPCDT -20080416ABB

Total scenarios = 12

Result key: 25
Scenario 1 Affected station 15
Before Analysis

Results for: 8A CO PUEBLO USERRECORD01 APP

HAAT 373.0 m, ATV ERP 105.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	795632	39145.1
not affected by terrain losses	757491	32310.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	462	395.4
lost to ATV IX only	462	395.4
lost to all IX	462	395.4

Potential Interfering Stations Included in above Scenario 1

7A CO DENVER	DTVPLN	DTVP0050	PLN
8A KS LAKIN	BLEDT	20050203ADS	LIC
9A CO DENVER	DTVPLN	DTVP0184	PLN

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