

TW Census data selected 2000  
Post Transition Data Base Selected /export/home/cdb/pt\_tvdb.sff

## Record Selected for Analysis

Cell Size for Service Analysis 2.0 km/side

Facility meets maximum height/power limits

## Evaluation toward Class A Stations

Class A Evaluation Complete

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

## KTVZ-DT, Bend, OR, OET-69 Post-Transition Interference Analysis

Proposed station is OK toward AM broadcast stations

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### Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
21	KTVZDT	BEND OR	USERRECORD01

### Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KAID	BOISE ID	420.4	LIC	BLEDT	-20070712ABY
21	KAID	BOISE ID	420.4	PLN	DTVPLN	-DTVP0758
21	KYVE	YAKIMA WA	280.3	LIC	BLEDT	-20030910ACL
21	KYVE	YAKIMA WA	280.3	PLN	DTVPLN	-DTVP0788
22	KPXG	SALEM OR	195.6	CP	BPCDT	-20080305ABK
22	KPXG	SALEM OR	195.6	PLN	DTVPLN	-DTVP0821

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### Analysis of Interference to Affected Station 1

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	KAID	BOISE ID	BLEDT	-20070712ABY

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KTVZ	BEND OR	420.4	CP	BPCDT	-20080222ADC
21	KTVZ	BEND OR	420.4	PLN	DTVPLN	-DTVP0777
22	KIPT	TWIN FALLS ID	177.8	LIC	BLEDT	-20030530BKW
22	KIPT	TWIN FALLS ID	177.7	PLN	DTVPLN	-DTVP0801
21	KTVZDT	BEND OR	420.4	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.
21	KAID	BOISE ID	DTVPLN	-DTVP0758

### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KTVZ	BEND OR	420.4	CP	BPCDT	-20080222ADC
21	KTVZ	BEND OR	420.4	PLN	DTVPLN	-DTVP0777
22	KIPT	TWIN FALLS ID	177.8	LIC	BLEDT	-20030530BKW
22	KIPT	TWIN FALLS ID	177.7	PLN	DTVPLN	-DTVP0801
21	KTVZDT	BEND OR	420.4	APP	USERRECORD-01	

## KTVZ-DT, Bend, OR, OET-69 Post-Transition Interference Analysis

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.
21	KYVE	YAKIMA WA	BLEDT	-20030910ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KTVZ	BEND OR	280.3	CP	BPCDT	-20080222ADC
21	KTVZ	BEND OR	280.3	PLN	DTVPLN	-DTVP0777
22	KPXG	SALEM OR	205.9	CP	BPCDT	-20080305ABK
22	KPXG	SALEM OR	205.9	PLN	DTVPLN	-DTVP0821
21	KTVZDT	BEND OR	280.3	APP	USERRECORD-01	

Total scenarios = 1

Result key: 1

Scenario 1 Affected station 3

Before Analysis

Results for: 21A WA YAKIMA BLEDT 20030910ACL LIC

HAAT 280.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	269943	17629.4
not affected by terrain losses	236530	11807.7
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

After Analysis

Results for: 21A WA YAKIMA BLEDT 20030910ACL LIC

HAAT 280.0 m, ATV ERP 50.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	269943	17629.4
not affected by terrain losses	236530	11807.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3	112.3
lost to ATV IX only	3	112.3
lost to all IX	3	112.3

Potential Interfering Stations Included in above Scenario 1

21A OR BEND USERRECORD01 APP

Percent new IX = 0.0013%

# KTVZ-DT, Bend, OR, OET-69 Post-Transition Interference Analysis

Worst case new IX 0.0013% Scenario 1

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
21	KYVE	YAKIMA WA	DTVPLN	-DTVP0788

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
21	KTVZ	BEND OR	280.3	CP	BPCDT	-20080222ADC
21	KTVZ	BEND OR	280.3	PLN	DTVPLN	-DTVP0777
22	KPXG	SALEM OR	205.9	CP	BPCDT	-20080305ABK
22	KPXG	SALEM OR	205.9	PLN	DTVPLN	-DTVP0821
21	KTVZDT	BEND OR	280.3	APP	USERRECORD-01	

Total scenarios = 1

Result key: 2  
Scenario 1 Affected station 4  
Before Analysis

Results for: 21A WA YAKIMA			DTVPLN	DTVP0788	PLN
HAAT	280.0 m,	ATV ERP	50.0 kW		
		POPULATION	AREA (sq km)		
within Noise Limited Contour		269943	17629.4		
not affected by terrain losses		236530	11807.7		
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

After Analysis

Results for: 21A WA YAKIMA			DTVPLN	DTVP0788	PLN
HAAT	280.0 m,	ATV ERP	50.0 kW		
		POPULATION	AREA (sq km)		
within Noise Limited Contour		269943	17629.4		
not affected by terrain losses		236530	11807.7		
lost to NTSC IX		0	0.0		
lost to additional IX by ATV		3	112.3		
lost to ATV IX only		3	112.3		
lost to all IX		3	112.3		

Potential Interfering Stations Included in above Scenario 1

21A OR BEND	USERRECORD01	APP
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Percent new IX = 0.0013%

## KTVZ-DT, Bend, OR, OET-69 Post-Transition Interference Analysis

Worst case new IX 0.0013% Scenario 1

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### Analysis of Interference to Affected Station 5

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
22	KPXG	SALEM OR	BPCDT -20080305ABK

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KTVZ	BEND OR	195.6	CP	BPCDT -20080222ADC
21	KTVZ	BEND OR	195.6	PLN	DTVPLN -DTVP0777
21	KYVE	YAKIMA WA	205.9	LIC	BLEDT -20030910ACL
21	KYVE	YAKIMA WA	205.9	PLN	DTVPLN -DTVP0788
22	KMCB	COOS BAY OR	260.9	LIC	BLCDT -20030717ACA
22	KMCB	COOS BAY OR	260.9	PLN	DTVPLN -DTVP0820
21	KTVZDT	BEND OR	195.6	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.
22	KPXG	SALEM OR	DTVPLN -DTVP0821

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
21	KTVZ	BEND OR	195.6	CP	BPCDT -20080222ADC
21	KTVZ	BEND OR	195.6	PLN	DTVPLN -DTVP0777
21	KYVE	YAKIMA WA	205.9	LIC	BLEDT -20030910ACL
21	KYVE	YAKIMA WA	205.9	PLN	DTVPLN -DTVP0788
22	KMCB	COOS BAY OR	260.9	LIC	BLCDT -20030717ACA
22	KMCB	COOS BAY OR	260.9	PLN	DTVPLN -DTVP0820
21	KTVZDT	BEND OR	195.6	APP	USERRECORD-01

Proposal causes no interference

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### Analysis of Interference to Affected Station 7

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
21	KTVZDT	BEND OR	USERRECORD-01

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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# KTVZ-DT, Bend, OR, OET-69 Post-Transition Interference Analysis

21	KAID	BOISE ID	420.4	LIC	BLEDT	-20070712ABY
21	KAID	BOISE ID	420.4	PLN	DTVPLN	-DTVP0758
21	KYVE	YAKIMA WA	280.3	LIC	BLEDT	-20030910ACL
21	KYVE	YAKIMA WA	280.3	PLN	DTVPLN	-DTVP0788
22	KPXG	SALEM OR	195.6	CP	BPCDT	-20080305ABK
22	KPXG	SALEM OR	195.6	PLN	DTVPLN	-DTVP0821

Total scenarios = 1

Result key: 3  
Scenario 1 Affected station 7  
Before Analysis

Results for: 21A OR BEND USERRECORD01 APP  
HAAT 200.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	154859	16543.1
not affected by terrain losses	153726	13298.5
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

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED TW Census data selected 2000