

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/space/software/cdbs/pt_tvdb.sff
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-28-2012 Time: 01:10:08

Record Selected for Analysis

K49GF USERRECORD-01 YAKIMA WA US
Channel 49 ERP 15. kW HAAT 204. m RCMSL 00568 m STRINGENT MASK
Latitude 046-31-57 Longitude 0120-29-45
Status APP Zone 2 Border Site number: 01
Dir Antenna Make usr Model K49GF Beam tilt N Ref Azimuth 140.
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
Service Class = LD
Maximum height/power limits not checked

Site number 1			
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	6.221	203.6	45.5
45.0	8.136	125.6	41.9
90.0	10.965	174.3	46.7
135.0	12.710	297.6	54.4
180.0	11.669	300.7	54.1
225.0	7.530	262.0	49.7
270.0	7.038	101.1	39.0
315.0	3.299	170.3	40.3

Contour Overlap to Proposed Station

Station
K49GF 49 YAKIMA, ETC. WA BLTTL20040616AAK

Station inside contour of Digital LPTV station
K49GF 49 YAKIMA WA USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance
Distance to border = 274.3km

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
49	K49GF	YAKIMA WA	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
34	K34KE	HOOD RIVER OR	121.1	LIC	BLTT	-20100323AAM
34	K34EM	WENATCHEE WA	103.5	LIC	BLTT	-19971030JA
41	K41CK	ELLENSBURG WA	39.9	LIC	BLTT	-19890227IN
45	K45AC	WENATCHEE WA	82.7	LIC	BLTT	-19940914JD
48	K48DZ-D	HERMISTON OR	110.8	LIC	BLDTL	-20110817AAL
48	KOPB-TV	PORTLAND OR	205.6	CP	BDRTEDT	-20120131AFW
48	K48MA-D	RAINIER OR	185.3	LIC	BLDTT	-20110825AAY
48	DK48BY	QUINCY WA	102.3	APP	BSTA	-20120223AAC
48	DK48BY	QUINCY WA	102.3	APP	BDFCDTT	-20120216ADZ
48	KING-TV	SEATTLE WA	186.1	LIC	BLCDT	-19981026KE
48	KING-TV	SEATTLE WA	186.1	CP	BPCDT	-20080617AED
48	NEW	YAKIMA WA	26.2	APP	BNPDTL	-20090825BIN
49	K49JD-D	KELLOGG ID	346.7	LIC	BLDTT	-20110720ABP
49	K24DW	SANDPOINT ID	348.9	CP	BDISDIT	-20110103AAO
49	K49KT-D	BEND OR	262.2	LIC	BLDTL	-20101004AAQ
49	KAMK-LD	EUGENE OR	347.8	LIC	BLDTL	-20120126AFX
49	K38AH	PENDLETON OR	173.6	CP	BDISDIT	-20111101AFK
49	KWVT-LD	SALEM OR	207.1	LIC	BLDTL	-20110208ADU
49	KDNB-LD	BELLINGHAM WA	280.2	CP	BDCCDTL	-20061026ADN
49	K49LP-D	BREWSTER & PATEROS WA	169.9	LIC	BLDTT	-20120120ADU
49	NEW	CENTERVILLE WA	100.0	APP	BNPDTL	-20100513ADZ
49	K49EV	CLARKSTON WA	264.1	LIC	BLTTL	-20010501AAG
49	K49EV	CLARKSTON WA	264.1	CP	BDFCDTL	-20090825BVD
49	K49IX-D	PUYALLUP WA	152.1	LIC	BLDTT	-20090610ACB
49	KRLB-LD	RICHLAND, ETC WA	95.9	LIC	BLDTL	-20090615ADK
49	K49LI-D	ROYAL CITY WA	53.2	CP	BNPDTL	-20090825AED
49	K49KV-D	STEMILT, ECT WA	82.7	LIC	BLDTT	-20120123AFD
50	K50CE	HOOD RIVER OR	121.1	CP	BDFCDTT	-20110729ABO
50	K50CE	HOOD RIVER OR	121.1	APP	BDFCDTT	-20100429AAL
50	K50CE	HOOD RIVER OR	121.1	LIC	BLTT	-20100322ADH
50	K50FX	MILTON-FREEWATER OR	188.8	LIC	BLTT	-20010621AAM
50	K50FX	MILTON-FREEWATER OR	188.8	CP	BDFCDTT	-20090512AAE
50	KUNS-TV	BELLEVUE WA	186.2	CP	BPCDT	-20080620AGX
50	KUNS-TV	BELLEVUE WA	155.3	LIC	BLCDT	-20060707ACF
50	K50KK-D	ELLENSBURG WA	39.7	LIC	BLDTT	-20090506ACL
50	DK50B0	QUINCY WA	102.3	APP	BSTA	-20120223AAB
50	DK50B0	QUINCY WA	102.3	APP	BDFCDTT	-20120216ADW
50	K50LM-D	SUNNYSIDE WA	40.1	CP	BNPDTL	-20090825BIC
51	K51BD	ELLENSBURG WA	39.9	LIC	BLTT	-19900327JE
51	K51AE	MONITOR, ETC. WA	109.3	LIC	BLTT	-19780809IA
52	K52ER	DRYDEN WA	118.9	LIC	BLTT	-19960617JD
53	K53AH	MONITOR, ETC. WA	109.3	LIC	BLTT	-19780809IB

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Analysis of Interference to Affected Station 1

Channel	Call	City/State	Application	Ref. No.
34	K34KE	HOOD RIVER OR	BLTT	-20100323AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	KPDX	VANCOUVER WA	94.1	CP MOD	BMPCDT	-20080619AGD
30	KPDX	VANCOUVER WA	94.1	LIC	BLCDT	-20090612ADJ

30	KPDX	VANCOUVER WA	94.1	CP	BPCDT	-20110630AAI
33	KRCW-TV	SALEM OR	93.2	LIC	BMLCDT	-20070123ABS
33	KRCW-TV	SALEM OR	93.2	CP	BPCDT	-20080619AKY
33	KIMA-TV	YAKIMA WA	120.5	LIC	BLCDDT	-20090811ABV
34	K34DI	LA GRANDE OR	187.4	LIC	BLTT	-19920304II
34	KKEI-LD	PORTLAND OR	93.9	LIC	BLDTL	-20100510AXR
34	KGPX-TV	SPOKANE WA	386.3	LIC	BLCDDT	-20090612AHM
34	K34EM	WENATCHEE WA	216.7	LIC	BLTT	-19971030JA
49	K49GF	YAKIMA WA	121.1	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
34	K34EM	WENATCHEE WA	BLTT	-19971030JA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	DK33EH	QUINCY WA	31.3	APP	BDFCDTT	-20120216AEA
33	DK33EH	QUINCY WA	31.3	APP	BSTA	-20120223AAD
33	KIMA-TV	YAKIMA WA	103.7	LIC	BLCDDT	-20090811ABV
34	K34KE	HOOD RIVER OR	216.7	LIC	BLTT	-20100323AAM
34	KGPX-TV	SPOKANE WA	217.0	LIC	BLCDDT	-20090612AHM
42	KWDK	TACOMA WA	134.7	LIC	BLEDT	-20050421AAE
49	K49GF	YAKIMA WA	103.5	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
41	K41CK	ELLENSBURG WA	BLTT	-19890227IN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	KWPX-TV	BELLEVUE WA	133.9	LIC	BLCDDT	-20111025AIR
33	KIMA-TV	YAKIMA WA	40.0	LIC	BLCDDT	-20090811ABV
38	KTNW	RICHLAND WA	133.4	LIC	BLEDT	-20030429AAW
38	KTNW	RICHLAND WA	133.4	CP	BPEDT	-20090312AAB
41	KCYU-LD	YAKIMA WA	40.1	LIC	BLDTL	-20081219AAC
42	KWDK	TACOMA WA	133.9	LIC	BLEDT	-20050421AAE
44	KVEW	KENNEWICK WA	133.1	LIC	BLCDDT	-20090326ACW
49	K49GF	YAKIMA WA	39.9	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
45	K45AC	WENATCHEE WA	BLTT	-19940914JD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
42	KWDK	TACOMA WA	120.4	LIC	BLEDT	-20050421AAE

44	K39DM	ELLENSBURG WA	43.1	CP MOD	BMPDTL	-20110404AHS
44	K53AH	MONITOR, ECT WA	26.9	APP	BDISDTT	-20110901ABM
45	KCDT	COEUR D'ALENE ID	280.6	LIC	BLEDT	-20090827ABV
45	KNMT	PORTLAND OR	264.6	LIC	BLCDT	-20060619AAM
46	K61AY	BAKER FLATS AREA WA	25.2	CP	BDISDTT	-20100713APU
46	K55BN	MONITOR, ECT WA	26.9	APP	BDISDTT	-20110901ABV
46	NEW	WENATCHEE WA	33.1	APP	BNPDTL	-20090825ALA
49	K49GF	YAKIMA WA	82.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	K48DZ-D	HERMISTON OR	BLDTL -20110817AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	K48DC	BAKER CITY, ETC. OR	193.8	LIC	BLTT -20081202AGT
48	DK48BY	QUINCY WA	153.9	APP	BSTA -20120223AAC
48	KING-TV	SEATTLE WA	296.1	LIC	BLCDT -19981026KE
48	KING-TV	SEATTLE WA	296.1	CP	BPCDT -20080617AED
49	KRLB-LD	RICHLAND, ETC WA	28.5	LIC	BLDTL -20090615ADK
49	K49GF	YAKIMA WA	110.8	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.
48	KOPB-TV	PORTLAND OR	BDRTEdT -20120131AFW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	KUNP-LP	PORTLAND OR	5.0	LIC	BLTTL -20060809ABC
47	KUNP-LP	PORTLAND OR	5.0	CP	BDFCDTL -20111208ABV
48	K48MP-D	CORVALLIS OR	111.4	LIC	BLDTT -20111031ADB
48	K48GC	FLORENCE OR	202.3	LIC	BLTTA -20020701AAI
48	K48MA-D	RAINIER OR	75.7	LIC	BLDTT -20110825AAY
48	K48BL	TERREBONNE-BEND, ETC OR	173.1	LIC	BLTTA -20010711ABF
48	KING-TV	SEATTLE WA	239.5	LIC	BLCDT -19981026KE
48	KING-TV	SEATTLE WA	239.5	CP	BPCDT -20080617AED
49	KWVT-LD	SALEM OR	5.7	LIC	BLDTL -20110208ADU
49	K49GF	YAKIMA WA	205.6	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.
48	K48MA-D	RAINIER OR	BLDTT -20110825AAY

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	KOPB-TV	PORTLAND OR	75.7	CP	BDRTEdT -20120131AFW

48	KING-TV	SEATTLE WA	167.7	LIC	BLCDT	-19981026KE
48	KING-TV	SEATTLE WA	167.7	CP	BPCDT	-20080617AED
49	K49GF	YAKIMA WA	185.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
48	DK48BY	QUINCY WA	BSTA -20120223AAC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KVEW	KENNEWICK WA	144.5	LIC	BLCDT -20090326ACW
47	KWCC-LD	WENATCHEE WA	32.5	LIC	BLDTL -20090825BSD
48	KING-TV	SEATTLE WA	194.6	LIC	BLCDT -19981026KE
48	KING-TV	SEATTLE WA	194.6	CP	BPCDT -20080617AED
49	K49GF	YAKIMA WA	102.3	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.
48	DK48BY	QUINCY WA	BDFCDT -20120216ADZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	KING-TV	SEATTLE WA	194.6	LIC	BLCDT -19981026KE
48	KING-TV	SEATTLE WA	194.6	CP	BPCDT -20080617AED
48	NEW	YAKIMA WA	92.6	APP	BNPDTL -20090825BIN
49	K49GF	YAKIMA WA	102.3	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.
48	KING-TV	SEATTLE WA	BLCDT -19981026KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	K49GF	YAKIMA WA	186.1	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.
48	KING-TV	SEATTLE WA	BPCDT -20080617AED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	K49GF	YAKIMA WA	186.1	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.
48	NEW	YAKIMA WA	BNPDTL -20090825BIN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	NEW	YAKIMA WA	0.0	APP	BNPDTL -20090825BIM
47	NEW	YAKIMA WA	25.8	APP	BNPDTL -20090825AMW
47	NEW	YAKIMA WA	22.6	APP	BNPDTL -20090825AMK
48	DK48BY	QUINCY WA	92.6	APP	BSTA -20120223AAC
48	DK48BY	QUINCY WA	92.6	APP	BDFCDTT -20120216ADZ
48	KING-TV	SEATTLE WA	161.3	LIC	BLCDT -19981026KE
48	KING-TV	SEATTLE WA	161.3	CP	BPCDT -20080617AED
49	K49GF	YAKIMA WA	26.2	APP	USERRECORD-01

Total scenarios = 10

Result key: 1
 Scenario 1 Affected station 12
 Before Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP

HAAT	1.0 m, ATV ERP	1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			141906	1757.2
not affected by terrain losses			79741	1197.4
lost to NTSC IX			0	0.0
lost to additional IX by ATV			1115	3.0
lost to ATV IX only			1115	3.0
lost to all IX			1115	3.0

Potential Interfering Stations Included in above Scenario 1

48A WA SEATTLE	BLCDT	19981026KE	LIC
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After Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP

HAAT	1.0 m, ATV ERP	1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			141906	1757.2
not affected by terrain losses			79741	1197.4
lost to NTSC IX			0	0.0
lost to additional IX by ATV			23572	119.0
lost to ATV IX only			23572	119.0
lost to all IX			23572	119.0

Potential Interfering Stations Included in above Scenario 1

48A WA SEATTLE	BLCDT	19981026KE	LIC
49A WA YAKIMA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

49D WA YAKIMA USERRECORD01
 ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
 Antenna usr K49GF

Due to interference to the following station and scenario: 1

48D WA YAKIMA BNPDTL 20090825BIN
 ERP 1.00 kW HAAT 1.0 m RCAMSL 637.0 m
 Antenna CDB 99999999999999

Percent new interference from proposal: 28.5618 to BNPDTL 20090825BIN

Result key: 2
Scenario 2 Affected station 12
Before Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP
HAAT 1.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1632	5.9
lost to ATV IX only	1632	5.9
lost to all IX	1632	5.9

Potential Interfering Stations Included in above Scenario 2

48A WA SEATTLE BPCDT 20080617AED CP

After Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP
HAAT 1.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23581	121.0
lost to ATV IX only	23581	121.0
lost to all IX	23581	121.0

Potential Interfering Stations Included in above Scenario 2

48A WA SEATTLE BPCDT 20080617AED CP
49A WA YAKIMA USERRECORD01 APP

The following station failed the de minimis interference criteria.

49D WA YAKIMA USERRECORD01
ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
Antenna usr K49GF

Due to interference to the following station and scenario: 2

48D WA YAKIMA BNPDTL 20090825BIN
ERP 1.00 kW HAAT 1.0 m RCAMSL 637.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 28.1005 to BNPDTL 20090825BIN

Result key: 3
Scenario 3 Affected station 12
Before Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP
HAAT 1.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23405	120.0
lost to ATV IX only	23405	120.0
lost to all IX	23405	120.0

Potential Interfering Stations Included in above Scenario 3

47A WA YAKIMA BNPDTL 20090825AMW APP
47A WA YAKIMA BNPDTL 20090825AMK APP
48A WA SEATTLE BLCDT 19981026KE LIC

After Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP

HAAT	1.0 m, ATV ERP	1.0 kW	
		POPULATION	AREA (sq km)
within Noise Limited Contour		141906	1757.2
not affected by terrain losses		79741	1197.4
lost to NTSC IX		0	0.0
lost to additional IX by ATV		24585	144.6
lost to ATV IX only		24585	144.6
lost to all IX		24585	144.6

Potential Interfering Stations Included in above Scenario 3

47A WA YAKIMA	BNPDTL	20090825AMW	APP
47A WA YAKIMA	BNPDTL	20090825AMK	APP
48A WA SEATTLE	BLCDT	19981026KE	LIC
49A WA YAKIMA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

49D WA YAKIMA USERRECORD01
ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
Antenna usr K49GF

Due to interference to the following station and scenario: 3

48D WA YAKIMA BNPDTL 20090825BIN
ERP 1.00 kW HAAT 1.0 m RCAMSL 637.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 2.0946 to BNPDTL 20090825BIN

Result key: 4

Scenario 4 Affected station 12

Before Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP

HAAT	1.0 m, ATV ERP	1.0 kW	
		POPULATION	AREA (sq km)
within Noise Limited Contour		141906	1757.2
not affected by terrain losses		79741	1197.4
lost to NTSC IX		0	0.0
lost to additional IX by ATV		23414	122.0
lost to ATV IX only		23414	122.0
lost to all IX		23414	122.0

Potential Interfering Stations Included in above Scenario 4

47A WA YAKIMA	BNPDTL	20090825AMW	APP
47A WA YAKIMA	BNPDTL	20090825AMK	APP
48A WA SEATTLE	BPCDT	20080617AED	CP

After Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP

HAAT	1.0 m, ATV ERP	1.0 kW	
		POPULATION	AREA (sq km)
within Noise Limited Contour		141906	1757.2
not affected by terrain losses		79741	1197.4
lost to NTSC IX		0	0.0
lost to additional IX by ATV		24594	146.6
lost to ATV IX only		24594	146.6
lost to all IX		24594	146.6

Potential Interfering Stations Included in above Scenario 4

47A WA YAKIMA	BNPDTL	20090825AMW	APP
47A WA YAKIMA	BNPDTL	20090825AMK	APP
48A WA SEATTLE	BPCDT	20080617AED	CP
49A WA YAKIMA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

49D WA YAKIMA USERRECORD01
ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
Antenna usr K49GF

Due to interference to the following station and scenario: 4

48D WA YAKIMA BNPDTL 20090825BIN
ERP 1.00 kW HAAT 1.0 m RCAMSL 637.0 m
Antenna CDB 999999999999999

Percent new interference from proposal: 2.0949 to BNPDTL 20090825BIN

Result key: 5
Scenario 5 Affected station 12
Before Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP
HAAT 1.0 m, ATV ERP 1.0 kW
 POPULATION AREA (sq km)
within Noise Limited Contour 141906 1757.2
not affected by terrain losses 79741 1197.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1750 22.6
lost to ATV IX only 1750 22.6
lost to all IX 1750 22.6

Potential Interfering Stations Included in above Scenario 5

47A WA YAKIMA BNPDTL 20090825AMW APP
48A WA SEATTLE BLCDT 19981026KE LIC

After Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP
HAAT 1.0 m, ATV ERP 1.0 kW
 POPULATION AREA (sq km)
within Noise Limited Contour 141906 1757.2
not affected by terrain losses 79741 1197.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 23572 122.0
lost to ATV IX only 23572 122.0
lost to all IX 23572 122.0

Potential Interfering Stations Included in above Scenario 5

47A WA YAKIMA BNPDTL 20090825AMW APP
48A WA SEATTLE BLCDT 19981026KE LIC
49A WA YAKIMA USERRECORD01 APP

The following station failed the de minimis interference criteria.

49D WA YAKIMA USERRECORD01
ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
Antenna usr K49GF

Due to interference to the following station and scenario: 5

48D WA YAKIMA BNPDTL 20090825BIN
ERP 1.00 kW HAAT 1.0 m RCAMSL 637.0 m
Antenna CDB 999999999999999

Percent new interference from proposal: 27.9802 to BNPDTL 20090825BIN

Result key: 6
Scenario 6 Affected station 12
Before Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP
HAAT 1.0 m, ATV ERP 1.0 kW
 POPULATION AREA (sq km)
within Noise Limited Contour 141906 1757.2
not affected by terrain losses 79741 1197.4
lost to NTSC IX 0 0.0
lost to additional IX by ATV 1759 24.6
lost to ATV IX only 1759 24.6
lost to all IX 1759 24.6

Potential Interfering Stations Included in above Scenario 6

47A WA YAKIMA BNPDTL 20090825AMW APP

48A WA SEATTLE BPCDT 20080617AED CP

After Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP

HAAT 1.0 m, ATV ERP 1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23581	124.0
lost to ATV IX only	23581	124.0
lost to all IX	23581	124.0

Potential Interfering Stations Included in above Scenario 6

47A WA YAKIMA	BNPDTL	20090825AMW	APP
48A WA SEATTLE	BPCDT	20080617AED	CP
49A WA YAKIMA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

49D WA YAKIMA USERRECORD01
ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
Antenna usr K49GF

Due to interference to the following station and scenario: 6

48D WA YAKIMA BNPDTL 20090825BIN
ERP 1.00 kW HAAT 1.0 m RCAMSL 637.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 27.9834 to BNPDTL 20090825BIN

Result key: 7

Scenario 7 Affected station 12

Before Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP

HAAT 1.0 m, ATV ERP 1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23397	111.2
lost to ATV IX only	23397	111.2
lost to all IX	23397	111.2

Potential Interfering Stations Included in above Scenario 7

47A WA YAKIMA	BNPDTL	20090825AMK	APP
48A WA SEATTLE	BLCDT	19981026KE	LIC

After Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP

HAAT 1.0 m, ATV ERP 1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	24585	142.7
lost to ATV IX only	24585	142.7
lost to all IX	24585	142.7

Potential Interfering Stations Included in above Scenario 7

47A WA YAKIMA	BNPDTL	20090825AMK	APP
48A WA SEATTLE	BLCDT	19981026KE	LIC
49A WA YAKIMA	USERRECORD01		APP

The following station failed the de minimis interference criteria.

49D WA YAKIMA USERRECORD01
ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
Antenna usr K49GF

Due to interference to the following station and scenario: 7
48D WA YAKIMA BNPDTL 20090825BIN
ERP 1.00 kW HAAT 1.0 m RCAMSL 637.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 2.1085 to BNPDTL 20090825BIN

Result key: 8
Scenario 8 Affected station 12
Before Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP
HAAT 1.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23406	113.1
lost to ATV IX only	23406	113.1
lost to all IX	23406	113.1

Potential Interfering Stations Included in above Scenario 8

47A WA YAKIMA BNPDTL 20090825AMK APP
48A WA SEATTLE BPCDT 20080617AED CP

After Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP
HAAT 1.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	24594	144.6
lost to ATV IX only	24594	144.6
lost to all IX	24594	144.6

Potential Interfering Stations Included in above Scenario 8

47A WA YAKIMA BNPDTL 20090825AMK APP
48A WA SEATTLE BPCDT 20080617AED CP
49A WA YAKIMA USERRECORD01 APP

The following station failed the de minimis interference criteria.
49D WA YAKIMA USERRECORD01
ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
Antenna usr K49GF

Due to interference to the following station and scenario: 8
48D WA YAKIMA BNPDTL 20090825BIN
ERP 1.00 kW HAAT 1.0 m RCAMSL 637.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 2.1088 to BNPDTL 20090825BIN

Result key: 9
Scenario 9 Affected station 12
Before Analysis

Results for: 48A WA YAKIMA BNPDTL 20090825BIN APP
HAAT 1.0 m, ATV ERP 1.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1115	3.0
lost to ATV IX only	1115	3.0
lost to all IX	1115	3.0

Potential Interfering Stations Included in above Scenario 9

48A WA SEATTLE BLCDT 19981026KE LIC

After Analysis

Results for: 48A WA YAKIMA BNPD TL 20090825BIN APP

HAAT 1.0 m, ATV ERP 1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23572	119.0
lost to ATV IX only	23572	119.0
lost to all IX	23572	119.0

Potential Interfering Stations Included in above Scenario 9

48A WA SEATTLE BLCDT 19981026KE LIC
49A WA YAKIMA USERRECORD01 APP

The following station failed the de minimis interference criteria.

49D WA YAKIMA USERRECORD01
ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
Antenna usr K49GF

Due to interference to the following station and scenario: 9

48D WA YAKIMA BNPD TL 20090825BIN
ERP 1.00 kW HAAT 1.0 m RCAMSL 637.0 m
Antenna CDB 99999999999999

Percent new interference from proposal: 28.5618 to BNPD TL 20090825BIN

Result key: 10

Scenario 10 Affected station 12

Before Analysis

Results for: 48A WA YAKIMA BNPD TL 20090825BIN APP

HAAT 1.0 m, ATV ERP 1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1632	5.9
lost to ATV IX only	1632	5.9
lost to all IX	1632	5.9

Potential Interfering Stations Included in above Scenario 10

48A WA SEATTLE BPCDT 20080617AED CP

After Analysis

Results for: 48A WA YAKIMA BNPD TL 20090825BIN APP

HAAT 1.0 m, ATV ERP 1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	141906	1757.2
not affected by terrain losses	79741	1197.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	23581	121.0
lost to ATV IX only	23581	121.0
lost to all IX	23581	121.0

Potential Interfering Stations Included in above Scenario 10

48A WA SEATTLE BPCDT 20080617AED CP
49A WA YAKIMA USERRECORD01 APP

The following station failed the de minimis interference criteria.

49D WA YAKIMA USERRECORD01
ERP 15.00 kW HAAT 204.0 m RCAMSL 568.0 m
Antenna usr K49GF

Due to interference to the following station and scenario: 10

48D WA YAKIMA BNPDTL 20090825BIN
ERP 1.00 kW HAAT 1.0 m RCMSL 637.0 m
Antenna CDB 999999999999999

Percent new interference from proposal: 28.1005 to BNPDTL 20090825BIN

Worst case new IX 28.5618% Scenario 1

Proposed station is MX

49A WA YAKIMA USERRECORD01 APP
48A WA YAKIMA BNPDTL 20090825BIN APP

Proposal MX with BNPDTL 20090825BIN scenario 1 of station 12

Proposed station is MX

49A WA YAKIMA USERRECORD01 APP
48A WA YAKIMA BNPDTL 20090825BIN APP

Proposal MX with BNPDTL 20090825BIN scenario 2 of station 12

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49JD-D	KELLOGG ID	BLDTT	-20110720ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49EV	CLARKSTON WA	134.5	LIC	BLTTL	-20010501AAG
49	K49GF	YAKIMA WA	346.7	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K24DW	SANDPOINT ID	BDISDTT	-20110103AA0

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	K48DX-D	SANDPOINT ID	0.0	LIC	BLDTT	-20100122ACI
49	K49GF	YAKIMA WA	348.9	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49KT-D	BEND OR	BLDTL	-20101004AAQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	K48BL	TERREBONNE-BEND, ETC OR	26.4	LIC	BLTTA	-20010711ABF
49	K49FV	ROSEBURG OR	216.6	LIC	BLTT	-20020726ABG

50	KUBN-LP	BEND OR	0.0	APP	BDFCDTL	-20060331BDR
50	KUBN-LP	PRINEVILLE-REDMOND OR	0.0	LIC	BLTT	-19951019IC
49	K49GF	YAKIMA WA	262.2	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	KAMK-LD	EUGENE OR	BLDTL	-20120126AFX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49DM-D	COOS BAY OR	115.9	LIC	BLDTL	-20090226AA0
49	K49FV	ROSEBURG OR	86.9	LIC	BLTT	-20020726ABG
49	K49GF	YAKIMA WA	347.8	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K38AH	PENDLETON OR	BDISDTT	-20111101AFK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KRLB-LD	RICHLAND, ETC WA	113.7	LIC	BLDTL	-20090615ADK
49	K49GF	YAKIMA, ETC. WA	173.6	LIC	BLTTL	-20040616AAK
49	K49GF	YAKIMA WA	173.6	APP	USERRECORD-01	

Total scenarios = 1

Result key: 11

Scenario 1 Affected station 17
Before Analysis

Results for: 49A OR PENDLETON BDISDTT 20111101AFK CP

HAAT	1.0 m, ATV ERP	2.0 kW	POPULATION	AREA (sq km)
			within Noise Limited Contour	2608 3134.6
			not affected by terrain losses	1798 2773.8
			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: 49A OR PENDLETON BDISDTT 20111101AFK CP

HAAT	1.0 m, ATV ERP	2.0 kW	POPULATION	AREA (sq km)
			within Noise Limited Contour	2608 3134.6
			not affected by terrain losses	1798 2773.8
			lost to NTSC IX	0 0.0
			lost to additional IX by ATV	11 77.9
			lost to ATV IX only	11 77.9
			lost to all IX	11 77.9

Potential Interfering Stations Included in above Scenario 1

49A WA YAKIMA USERRECORD01 APP

Percent new IX = 0.6118%

Worst case new IX 0.6118% Scenario 1

#####

Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	KWVT-LD	SALEM OR	BLDTL -20110208ADU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	KOPB-TV	PORTLAND OR	5.7	CP	BDRTEDT -20120131AFW
49	K49GF	YAKIMA, ETC. WA	207.1	LIC	BLTTL -20040616AAK
49	K49GF	YAKIMA WA	207.1	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	KDNB-LD	BELLINGHAM WA	BDCCDTL -20061026ADN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	KING-TV	SEATTLE WA	119.2	LIC	BLCDT -19981026KE
48	KING-TV	SEATTLE WA	119.2	CP	BPCDT -20080617AED
50	KUNS-TV	BELLEVUE WA	119.2	CP	BPCDT -20080620AGX
49	K49GF	YAKIMA WA	280.2	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	K49LP-D	BREWSTER & PATEROS WA	BLDTT -20120120ADU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	K49KV-D	STEMILT, ECT WA	88.9	LIC	BLDTT -20120123AFD
49	K49GF	YAKIMA, ETC. WA	169.9	LIC	BLTTL -20040616AAK
49	K49GF	YAKIMA WA	169.9	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	NEW	CENTERVILLE WA	BNPDTL -20100513ADZ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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49	KWVT-LD	SALEM OR	144.1	LIC	BLDTL	-20110208ADU
49	KRLB-LD	RICHLAND, ETC WA	137.6	LIC	BLDTL	-20090615ADK
49	K49GF	YAKIMA, ETC. WA	100.0	LIC	BLTTL	-20040616AAK
49	K49GF	YAKIMA WA	100.0	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 22

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	K49EV	CLARKSTON WA	BLTTL -20010501AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	KCDT	COEUR D'ALENE ID	144.3	LIC	BLEDT -20090827ABV
49	K49GF	YAKIMA WA	264.1	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	K49EV	CLARKSTON WA	BDFCDTL -20090825BVD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	K48HB-D	JULIAETTA ID	30.7	APP	BSTA -20110706AAY
48	K48HB-D	JULIAETTA ID	30.7	LIC	BLDTT -20120117ABH
49	K49GF	YAKIMA WA	264.1	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	K49IX-D	PUYALLUP WA	BLDTT -20090610ACB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	KING-TV	SEATTLE WA	51.3	LIC	BLCDT -19981026KE
48	KING-TV	SEATTLE WA	51.3	CP	BPCDT -20080617AED
49	K49GF	YAKIMA, ETC. WA	152.1	LIC	BLTTL -20040616AAK
50	KUNS-TV	BELLEVUE WA	51.4	CP	BPCDT -20080620AGX
50	KUNS-TV	BELLEVUE WA	43.0	LIC	BLCDT -20060707ACF
49	K49GF	YAKIMA WA	152.1	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	KRLB-LD	RICHLAND, ETC WA	BLDTL -20090615ADK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	K48DZ-D	HERMISTON OR	28.5	LIC	BLDTL	-20110817AAL
49	K38AH	PENDLETON OR	113.7	CP	BDISDTT	-20111101AFK
49	K49LI-D	ROYAL CITY WA	101.4	CP	BNPDTL	-20090825AED
49	K49GF	YAKIMA, ETC. WA	95.9	LIC	BLTTL	-20040616AAK
49	K49GF	YAKIMA WA	95.9	APP	USERRECORD-01	

Total scenarios = 1

Result key: 12
Scenario 1 Affected station 25
Before Analysis

Results for: 49A WA RICHLAND, ETC BLDTL 20090615ADK LIC
HAAT 1.0 m, ATV ERP 4.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	180623	4289.5
not affected by terrain losses	178667	4111.6
lost to NTSC IX	4	11.9
lost to additional IX by ATV	99	206.7
lost to ATV IX only	103	218.5
lost to all IX	103	218.5

Potential Interfering Stations Included in above Scenario 1

49A OR PENDLETON	BDISDTT	20111101AFK	CP
49A WA ROYAL CITY	BNPDTL	20090825AED	CP
49N WA YAKIMA, ETC.	BLTTL	20040616AAK	LIC

After Analysis

Results for: 49A WA RICHLAND, ETC BLDTL 20090615ADK LIC
HAAT 1.0 m, ATV ERP 4.9 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	180623	4289.5
not affected by terrain losses	178667	4111.6
lost to NTSC IX	0	0.0
lost to additional IX by ATV	567	231.4
lost to ATV IX only	567	231.4
lost to all IX	567	231.4

Potential Interfering Stations Included in above Scenario 1

49A OR PENDLETON	BDISDTT	20111101AFK	CP
49A WA ROYAL CITY	BNPDTL	20090825AED	CP
49A WA YAKIMA	USERRECORD01		APP

Percent new IX = 0.2599%

Worst case new IX 0.2599% Scenario 1

#####

Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49LI-D	ROYAL CITY WA	BNPDTL	-20090825AED

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	KRLB-LD	RICHLAND, ETC WA	101.4	LIC	BLDTL	-20090615ADK
49	K49KV-D	STEMILT, ECT WA	41.1	LIC	BLDTT	-20120123AFD
49	K49GF	YAKIMA, ETC. WA	53.2	LIC	BLTTL	-20040616AAK
50	K50KK-D	ELLENSBURG WA	23.1	LIC	BLDTT	-20090506ACL
49	K49GF	YAKIMA WA	53.2	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 27

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
49	K49KV-D	STEMILT, ECT WA	BLDTT	-20120123AFD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49LI-D	ROYAL CITY WA	41.1	CP	BNPDTL	-20090825AED
49	K49GF	YAKIMA, ETC. WA	82.7	LIC	BLTTL	-20040616AAK
50	KUNS-TV	BELLEVUE WA	120.4	LIC	BLCDT	-20060707ACF
49	K49GF	YAKIMA WA	82.7	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 28

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50CE	HOOD RIVER OR	BDFCDTT	-20110729AB0

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
50	KUBN-LP	PRINEVILLE-REDMOND OR	178.1	LIC	BLTT	-19951019IC
50	K50GG	SALEM OR	148.3	LIC	BLTTL	-20020916ABF
50	KUNS-TV	BELLEVUE WA	218.2	CP	BPCDT	-20080620AGX
50	KUNS-TV	BELLEVUE WA	198.2	LIC	BLCDT	-20060707ACF
49	K49GF	YAKIMA WA	121.1	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 29

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50CE	HOOD RIVER OR	BDFCDTT	-20100429AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
50	KUBN-LP	PRINEVILLE-REDMOND OR	178.1	LIC	BLTT	-19951019IC
50	K50GG	SALEM OR	148.3	LIC	BLTTL	-20020916ABF
50	KUNS-TV	BELLEVUE WA	218.2	CP	BPCDT	-20080620AGX
50	KUNS-TV	BELLEVUE WA	198.2	LIC	BLCDT	-20060707ACF
49	K49GF	YAKIMA WA	121.1	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 30

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50CE	HOOD RIVER OR	BLTT	-20100322ADH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
43	KATU	PORTLAND OR	93.2	LIC	BLCDT	-20050407KXN
50	KUNS-TV	BELLEVUE WA	218.2	CP	BPCDT	-20080620AGX
50	KUNS-TV	BELLEVUE WA	198.2	LIC	BLCDT	-20060707ACF
50	DK50B0	QUINCY WA	222.0	APP	BSTA	-20120223AAB

49 K49GF YAKIMA WA 121.1 APP USERRECORD-01
Proposal causes no interference

#####

Analysis of Interference to Affected Station 31

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50FX	MILTON-FREEWATER OR	BLTT	-20010621AAM

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
50	K50CI	LA GRANDE OR	52.1	CP	BDFCDTT	-20090806AAE
50	K50CI	LA GRANDE OR	51.8	LIC	BLTT	-19891120JI
50	KUNS-TV	BELLEVUE WA	370.4	CP	BPCDT	-20080620AGX
50	KUNS-TV	BELLEVUE WA	338.4	LIC	BLCDT	-20060707ACF
50	DK50BO	QUINCY WA	203.0	APP	BSTA	-20120223AAB
51	K51DF	MILTON, ETC. OR	2.2	LIC	BLTT	-19891114JR
51	K51DF	MILTON-FREEWATER OR	0.0	CP	BDFCDTT	-20090728AFC
49	K49GF	YAKIMA WA	188.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 32

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50FX	MILTON-FREEWATER OR	BDFCDTT	-20090512AAE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
50	K50FD	BAKER OR	141.1	LIC	BLTT	-19970421JE
50	K50CI	LA GRANDE OR	52.1	CP	BDFCDTT	-20090806AAE
50	K50CI	LA GRANDE OR	51.8	LIC	BLTT	-19891120JI
50	KUNS-TV	BELLEVUE WA	370.4	CP	BPCDT	-20080620AGX
50	KUNS-TV	BELLEVUE WA	338.4	LIC	BLCDT	-20060707ACF
51	K51DF	MILTON, ETC. OR	2.2	LIC	BLTT	-19891114JR
51	K51DF	MILTON-FREEWATER OR	0.0	CP	BDFCDTT	-20090728AFC
49	K49GF	YAKIMA WA	188.8	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 33

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	KUNS-TV	BELLEVUE WA	BPCDT	-20080620AGX

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
49	K49GF	YAKIMA WA	186.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 34

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	KUNS-TV	BELLEVUE WA	BLCDT -20060707ACF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
49	K49GF	YAKIMA WA	155.3	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 35

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	K50KK-D	ELLENSBURG WA	BLDTT -20090506ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	K50CE	HOOD RIVER OR	154.4	LIC	BLTT -20100322ADH
50	KUNS-TV	BELLEVUE WA	166.2	CP	BPCDT -20080620AGX
50	KUNS-TV	BELLEVUE WA	134.1	LIC	BLCDT -20060707ACF
50	DK50B0	QUINCY WA	68.3	APP	BSTA -20120223AAB
50	DK50B0	QUINCY WA	68.3	APP	BDFCDTT -20120216ADW
50	K50LM-D	SUNNYSIDE WA	69.6	CP	BNPDTL -20090825BIC
51	K51BD	ELLENSBURG WA	0.3	LIC	BLTT -19900327JE
49	K49GF	YAKIMA WA	39.7	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 36

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	DK50B0	QUINCY WA	BSTA -20120223AAB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	K50FX	MILTON-FREEWATER OR	203.0	LIC	BLTT -20010621AAM
50	KUNS-TV	BELLEVUE WA	194.8	CP	BPCDT -20080620AGX
50	KUNS-TV	BELLEVUE WA	164.3	LIC	BLCDT -20060707ACF
51	K51DR-D	WENATCHEE WA	33.1	LIC	BLDTT -20090825BTB
49	K49GF	YAKIMA WA	102.3	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 37

Analysis of current record

Channel	Call	City/State	Application Ref. No.
50	DK50B0	QUINCY WA	BDFCDTT -20120216ADW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	KUNS-TV	BELLEVUE WA	194.8	CP	BPCDT -20080620AGX
50	KUNS-TV	BELLEVUE WA	164.3	LIC	BLCDT -20060707ACF
49	K49GF	YAKIMA WA	102.3	APP	USERRECORD-01

Proposal causes no interference

#####

Analysis of Interference to Affected Station 38

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
50	K50LM-D	SUNNYSIDE WA	BNPDTL	-20090825BIC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
50	K50CE	HOOD RIVER OR	131.8	LIC	BLTT	-20100322ADH
50	K50FX	MILTON-FREEWATER OR	150.2	LIC	BLTT	-20010621AAM
50	KUNS-TV	BELLEVUE WA	226.2	CP	BPCDT	-20080620AGX
50	KUNS-TV	BELLEVUE WA	195.2	LIC	BLCDD	-20060707ACF
50	DK50B0	QUINCY WA	114.1	APP	BSTA	-20120223AAB
49	K49GF	YAKIMA WA	40.1	APP	USERRECORD-01	

Total scenarios = 1

Result key: 13
Scenario 1 Affected station 38
Before Analysis

Results for: 50A WA SUNNYSIDE BNPDTL 20090825BIC CP

HAAT	1.0 m, ATV ERP	1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			81871	2785.7
not affected by terrain losses			81636	2532.0
lost to NTSC IX			6	20.8
lost to additional IX by ATV			0	0.0
lost to ATV IX only			0	0.0
lost to all IX			6	20.8

Potential Interfering Stations Included in above Scenario 1

50N OR MILTON-FREEWATER BLTT 20010621AAM LIC

After Analysis

Results for: 50A WA SUNNYSIDE BNPDTL 20090825BIC CP

HAAT	1.0 m, ATV ERP	1.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour			81871	2785.7
not affected by terrain losses			81636	2532.0
lost to NTSC IX			6	20.8
lost to additional IX by ATV			94	17.8
lost to ATV IX only			94	25.8
lost to all IX			100	38.6

Potential Interfering Stations Included in above Scenario 1

50N OR MILTON-FREEWATER BLTT 20010621AAM LIC
49A WA YAKIMA USERRECORD01 APP

Percent new IX = 0.1152%

Worst case new IX 0.1152% Scenario 1

#####

Analysis of Interference to Affected Station 39

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
51	K51BD	ELLENSBURG WA	BLTT	-19900327JE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
44	KVEW	KENNEWICK WA	133.1	LIC	BLCDD	-20090326ACW

50	KUNS-TV	BELLEVUE WA	133.8	LIC	BLCDT	-20060707ACF
50	K50KK-D	ELLENSBURG WA	0.3	LIC	BLDTT	-20090506ACL
51	KOHD	BEND OR	320.1	LIC	BLCDT	-20060915AOZ
51	K51JG-D	YAKIMA WA	40.7	LIC	BLDTL	-20090914ABX
49	K49GF	YAKIMA WA	39.9	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 40

Analysis of current record

Channel	Call	City/State	Application Ref. No.
51	K51AE	MONITOR, ETC. WA	BLTT -19780809IA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KFFV	SEATTLE WA	140.6	LIC	BLCDT -20110624ADC
48	KING-TV	SEATTLE WA	143.8	LIC	BLCDT -19981026KE
48	KING-TV	SEATTLE WA	143.8	CP	BPCDT -20080617AED
50	KUNS-TV	BELLEVUE WA	114.7	LIC	BLCDT -20060707ACF
51	KOHD	BEND OR	388.3	LIC	BLCDT -20060915AOZ
51	K51BD	ELLENSBURG WA	69.5	LIC	BLTT -19900327JE
51	K51DR-D	WENATCHEE WA	26.2	LIC	BLDTT -20090825BTB
52	K52ER	DRYDEN WA	11.0	LIC	BLTT -19960617JD
49	K49GF	YAKIMA WA	109.3	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 41

Analysis of current record

Channel	Call	City/State	Application Ref. No.
52	K52ER	DRYDEN WA	BLTT -19960617JD

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
44	KFFV	SEATTLE WA	134.8	LIC	BLCDT -20110624ADC
48	KING-TV	SEATTLE WA	138.0	LIC	BLCDT -19981026KE
48	KING-TV	SEATTLE WA	138.0	CP	BPCDT -20080617AED
50	KUNS-TV	BELLEVUE WA	138.2	CP	BPCDT -20080620AGX
50	KUNS-TV	BELLEVUE WA	110.0	LIC	BLCDT -20060707ACF
51	K51AE	MONITOR, ECT WA	11.0	APP	BDFCDTT -20120215ACB
51	K51AE	MONITOR, ETC. WA	11.0	LIC	BLTT -19780809IA
53	K53AH	MONITOR, ETC. WA	11.0	LIC	BLTT -19780809IB
49	K49GF	YAKIMA WA	118.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 42

Analysis of current record

Channel	Call	City/State	Application Ref. No.
53	K53AH	MONITOR, ETC. WA	BLTT -19780809IB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
50	KUNS-TV	BELLEVUE WA	144.0	CP	BPCDT -20080620AGX
50	KUNS-TV	BELLEVUE WA	114.7	LIC	BLCDT -20060707ACF

52	K52ER	DRYDEN WA	11.0	LIC	BLTT	-19960617JD
49	K49GF	YAKIMA WA	109.3	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 43

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	K49GF	YAKIMA WA	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
48	NEW	YAKIMA WA	26.2	APP	BNPDTL -20090825BIN
49	NEW	CENTERVILLE WA	100.0	APP	BNPDTL -20100513ADZ
49	K49IX-D	PUYALLUP WA	152.1	LIC	BLDTT -20090610ACB
49	KRLB-LD	RICHLAND, ETC WA	95.9	LIC	BLDTL -20090615ADK
49	K49LI-D	ROYAL CITY WA	53.2	CP	BNPDTL -20090825AED
49	K49KV-D	STEMILT, ECT WA	82.7	LIC	BLDTT -20120123AFD
50	K50KK-D	ELLENSBURG WA	39.7	LIC	BLDTT -20090506ACL
50	K50LM-D	SUNNYSIDE WA	40.1	CP	BNPDTL -20090825BIC

Total scenarios = 3

Result key: 14
Scenario 1 Affected station 43
Before Analysis

Results for: 49A WA YAKIMA USERRECORD01 APP
HAAT 204.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	209081	6266.5
not affected by terrain losses	208058	5248.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4880	412.6
lost to ATV IX only	4880	412.6
lost to all IX	4880	412.6

Potential Interfering Stations Included in above Scenario 1

49A WA RICHLAND, ETC	BLDTL	20090615ADK	LIC
50A WA SUNNYSIDE	BNPDTL	20090825BIC	CP

Result key: 15
Scenario 2 Affected station 43
Before Analysis

Results for: 49A WA YAKIMA USERRECORD01 APP
HAAT 204.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	209081	6266.5
not affected by terrain losses	208058	5248.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5406	506.3
lost to ATV IX only	5406	506.3
lost to all IX	5406	506.3

Potential Interfering Stations Included in above Scenario 2

48A WA YAKIMA	BNPDTL	20090825BIN	APP
49A WA RICHLAND, ETC	BLDTL	20090615ADK	LIC
50A WA SUNNYSIDE	BNPDTL	20090825BIC	CP

Result key: 16
Scenario 3 Affected station 43
Before Analysis

Results for: 49A WA YAKIMA USERRECORD01 APP

HAAT 204.0 m, ATV ERP 15.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	209081	6266.5
not affected by terrain losses	208058	5248.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4880	412.6
lost to ATV IX only	4880	412.6
lost to all IX	4880	412.6

Potential Interfering Stations Included in above Scenario 3

49A WA RICHLAND, ETC	BLDTL	20090615ADK	LIC
50A WA SUNNYSIDE	BNPDTL	20090825BIC	CP

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