

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Centerville10d1kwincSam160at0fA1, Model: Longley-Rice

Start: 2022.05.06 05:29:06

Study created: 2022.05.06 05:29:06

Study build station data: LMS TV 2022-05-06

Proposal: K10RV-D D10 LD CP CENTERVILLE, WA

Facility ID: 186695

Station data: User record

Record ID: 2053

Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KEZI	D9	DT	LIC	EUGENE, OR	BLANK0000075069	247.3 km
No	KUBN-LD	D9	LD	LIC	Madras, OR	BLANK0000071673	142.2
No	KCTS-TV	D9	DT	LIC	SEATTLE, WA	BLEDT20090612AAN	230.3
No	KNIN-TV	D10	DT	LIC	CALDWELL, ID	BLCDT20111007AEB	451.9
No	K10NF-D	D10	LD	LIC	HALFWAY, OR	BLDTV20120615AAS	332.6
No	KTVL	D10	DT	LIC	MEDFORD, OR	BLANK0000115956	423.5
Yes	KOPB-TV	D10	DT	LIC	PORTLAND, OR	BLANK0000115984	128.4
No	K10BB-D	D10	LD	LIC	ARDENVOIR, WA	BLDTV20120619AAY	232.6
No	K10RA-D	D10	LD	LIC	COULEE CITY, WA	BLDTV20140903AFY	252.4
No	K10LG-D	D10	LD	LIC	DRYDEN, WA	BLDTV20120619AAH	214.9
No	KNEE-LD	D10	LD	LIC	MALAGA, ECT, WA	BLDTV20110222AAF	206.6
No	K10DK-D	D10	LD	LIC	MALOTT WAKEFIELD, WA	BLDTV20110824ACT	309.7
No	K10BA-D	D10	LD	LIC	ORONDO, ECT, WA	BLDTV20120619AAV	227.7
No	K10AP-D	D10	LD	LIC	PATEROS, MANSFIELD, WA	BLDTV20120120ADV	270.3
No	KWSU-TV	D10	DT	LIC	PULLMAN, WA	BLANK0000001648	328.6
No	KWSU-TV	D10	DT	CP	PULLMAN, WA	BLANK0000035683	328.6
No	K10DM-D	D10	LD	LIC	RIVERSIDE, WA	BLDTV20110824ACW	332.5
No	K10DL-D	D10	LD	LIC	TONASKET, WA	BLDTV20140408AAP	365.3
No	K10BD-D	D10	LD	LIC	WINTHROP-TWISP, WA	BLDTV20120123AFJ	299.4
No	KOAB-TV	D11	DT	LIC	BEND, OR	BLEDT20060823AAP	182.4
No	KFFX-TV	D11	DT	LIC	PENDLETON, OR	BLCDT20140424AHO	238.9

No	KWVT-LD	D11	LD	LIC	SALEM, OR	BLANK0000157400	128.9
No	KSTW	D11	DT	LIC	TACOMA, WA	BLCDT20091117AAX	230.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D10
Mask: Full Service
Latitude: 45 42 42.40 N (NAD83)
Longitude: 121 7 2.20 W
Height AMSL: 984.0 m
HAAT: 0.0 m
Peak ERP: 1.00 kW
Antenna: SAM-SAM-160 (ID 1005900) 0.0 deg
Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.00 kW	462.8 m	63.1 km
45.0	0.226	415.3	49.8
90.0	0.000	477.5	15.3
135.0	0.009	747.5	38.5
180.0	0.020	792.2	45.1
225.0	0.009	733.5	38.2
270.0	0.000	662.0	19.0
315.0	0.226	468.0	52.2

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 595 m

Distance to Canadian border: 328.4 km

Distance to Mexican border: 1491.7 km

Conditions at FCC monitoring station: Ferndale WA

Bearing: 343.8 degrees Distance: 376.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 110.0 degrees Distance: 1427.8 km

Study cell size: 1.00 km
Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

--

Interference to BLANK0000115984 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KOPB-TV	D10	DT	LIC	PORTLAND, OR	BLANK0000115984	
Undesireds:	K10RV-D	D10	LD	CP	CENTERVILLE, WA		128.4 km
	KEZI	D9	DT	LIC	EUGENE, OR	BLANK0000075069	150.4
	KTVL	D10	DT	LIC	MEDFORD, OR	BLANK0000115956	382.5
	KOAB-TV	D11	DT	LIC	BEND, OR	BLEDT20060823AAP	195.5

	Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New
IX								
47650.9	3,059,560		38070.0	2,888,110	37680.7	2,855,112	37554.6 2,855,102	0.33
0.00								

Undesired				Total IX	Unique IX, before	Unique IX, after
K10RV-D	D10	LD	CP	126.1 10		126.1 10
KEZI	D9	DT	LIC	382.3 32,738	278.3 29,256	278.3 29,256
KTVL	D10	DT	LIC	110.0 3,742	6.0 260	6.0 260
KOAB-TV	D11	DT	LIC	1.0 0	1.0 0	1.0 0

--

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K10RV-D	D10	LD	CP	CENTERVILLE, WA		

Undesireds:	KOPB-TV	D10	DT	LIC	PORTLAND, OR	BLANK00000115984	128.4 km
	KWSU-TV	D10	DT	LIC	PULLMAN, WA	BLANK00000001648	328.6

	Service area		Terrain-limited		IX-free		Percent IX
5679.9	34,819	4912.1	32,604	4902.0	32,604	0.21	0.00

Undesired			Total IX		Unique IX	Prcnt Unique IX	
KOPB-TV D10 DT LIC	9.1	0	9.1	0	0.18	0.00	
KWSU-TV D10 DT LIC	1.0	0	1.0	0	0.02	0.00	

--

Interference to proposal scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K10RV-D	D10	LD	CP	CENTERVILLE, WA		

Undesireds:	KOPB-TV	D10	DT	LIC	PORTLAND, OR	BLANK00000115984	128.4 km
	KWSU-TV	D10	DT	CP	PULLMAN, WA	BLANK00000035683	328.6

	Service area		Terrain-limited		IX-free		Percent IX
5679.9	34,819	4912.1	32,604	4901.0	32,604	0.23	0.00

Undesired			Total IX		Unique IX	Prcnt Unique IX	
KOPB-TV D10 DT LIC	9.1	0	9.1	0	0.18	0.00	
KWSU-TV D10 DT CP	2.0	0	2.0	0	0.04	0.00	