

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: CenterX10d3kwSAM340T, Model: Longley-Rice

Start: 2021.07.15 10:19:46

Study created: 2021.07.15 10:19:46

Study build station data: LMS TV 2021-07-15

Proposal: K49MZ-D D10 LD APP CENTERVILLE, WA

Facility ID: 186695

Station data: User record

Record ID: 564

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	KUBN-LD	D9	LD	LIC	Madras, OR	BLANK0000071673	177.6 km
No	K09ES-D	D9	LD	LIC	CASHMERE, WA	BLDTV20110222AAI	168.4
No	K09ZA-D	D9	LD	LIC	LEAVENWORTH, WA	BLDTV20111114AEO	177.6
No	K09CL-D	D9	LD	LIC	ROCK ISLAND, WA	BLDTV20120619AAM	152.2
No	KCTS-TV	D9	DT	LIC	SEATTLE, WA	BLEDT20090612AAN	218.6
No	K09FF-D	D9	LD	LIC	SQUILCHUCK ST. PARK, WA	BLDTV20120619AAJ	150.0
No	KNIN-TV	D10	DT	LIC	CALDWELL, ID	BLCDT20111007AEB	436.6
No	K10NF-D	D10	LD	LIC	HALFWAY, OR	BLDTV20120615AAS	308.0
No	KTVL	D10	DT	LIC	MEDFORD, OR	BLANK0000115956	468.4
No	KOPB-TV	D10	DT	LIC	PORTLAND, OR	BLANK0000115984	173.1
No	K10BB-D	D10	LD	LIC	ARDENVOIR, WA	BLDTV20120619AAY	192.4
No	K10RA-D	D10	LD	LIC	COULEE CITY, WA	BLDTV20140903AFY	204.3
No	K10LG-D	D10	LD	LIC	DRYDEN, WA	BLDTV20120619AAH	175.9
No	KNEE-LD	D10	LD	LIC	MALAGA, ECT, WA	BLDTV20110222AAF	163.7
No	K10DK-D	D10	LD	LIC	MALOTT WAKEFIELD, WA	BLDTV20110824ACT	265.8
No	K10BA-D	D10	LD	LIC	ORONDO, ECT, WA	BLDTV20120619AAV	185.4
No	K10AP-D	D10	LD	LIC	PATEROS, MANSFIELD, WA	BLDTV20120120ADV	227.4
No	KWSU-TV	D10	DT	LIC	PULLMAN, WA	BLANK0000001648	280.7

No	KWSU-TV	D10	DT	APP	PULLMAN, WA	BLANK0000035683	280.7
No	K10DM-D	D10	LD	LIC	RIVERSIDE, WA	BLDTV20110824ACW	288.0
No	K10DL-D	D10	LD	LIC	TONASKET, WA	BLDTV20140408AAP	321.0
No	K10BD-D	D10	LD	LIC	WINTHROP-TWISP, WA	BLDTV20120123AFJ	258.5
No	KOAB-TV	D11	DT	LIC	BEND, OR	BLEDT20060823AAP	222.7
No	KFFX-TV	D11	DT	LIC	PENDLETON, OR	BLCDT20140424AHO	202.9
No	KWVT-LD	D11	LD	CP	SALEM, OR	BLANK0000099338	173.5
No	K11EZ-D	D11	LD	LIC	CASHMERE, WA	BLDTV20110222AAH	168.4
No	K11CS-D	D11	LD	LIC	ROCK ISLAND, WA	BLDTV20120619AAN	152.2
No	K11FJ-D	D11	LD	LIC	SQUILCHUCK ST. PARK, WA	BLDTV20120619AAK	150.0
No	KSTW	D11	DT	LIC	TACOMA, WA	BLCDT20091117AAX	218.5

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: Stringent
Latitude: 46 1 8.70 N (NAD83)
Longitude: 120 37 52.50 W
Height AMSL: 731.0 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: SAM-SAM-160 (ID 1005900) 340.0 deg
Elev Pattn: Generic

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.38 kW	-99.3 m	27.7 km
45.0	0.063	12.2	12.0
90.0	0.008	-381.5	7.0
135.0	0.047	-293.7	11.2
180.0	0.051	-201.7	11.4
225.0	0.009	-280.4	7.3
270.0	0.024	-458.9	9.5
315.0	1.87	-282.8	26.5

Interference to proposal scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K49MZ-D	D10	LD	APP	CENTERVILLE, WA		
Undesireds:	KWSU-TV	D10	DT	APP	PULLMAN, WA	BLANK00000035683	280.7 km
	Service area			Terrain-limited		IX-free	Percent IX
	845.6	69		786.6	58	772.4	58 1.80 0.00
Undesired				Total IX		Unique IX	Prcnt Unique IX
KWSU-TV D10 DT APP				14.2	0	14.2	0 1.80 0.00