

tvstudy v2.2.5 (4uoc83)  
Database: localhost, Study: KFLL\_ANT\_CHG, Model: Longley-Rice  
Start: 2022.04.20 09:37:40

Study created: 2022.04.20 09:37:40

Study build station data: LMS TV 2022-03-11

Proposal: KFLL-LD D25 LD APP BOISE, ID  
File number: KFLL\_ANT\_CHG  
Facility ID: 183638  
Station data: User record  
Record ID: 832  
Country: U.S.

Build options:  
Protect pre-transition records not on baseline channel

Search options:  
Non-U.S. records included  
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	KIVI-TV	D24	DT	LIC	NAMPA, ID	BLCDT20140506ADA	54.3 km
No	K24MC-D	D24	LD	LIC	BAKER VALLEY, OR	BLANK0000067880	118.7
No	K25OX-D	D25	LD	LIC	HAGERMAN, ID	BLANK0000059752	184.7
No	K25PY-D	D25	LD	LIC	LEADORE, ID	BLANK0000087561	288.2
No	K25NZ-D	D25	LD	LIC	LEWISTON, ID	BLANK0000006594	293.7
Yes	K25OR-D	D25	LD	LIC	MCCALL, ID	BLANK0000059073	114.9
No	K25OA-D	D25	LD	LIC	DILLON, MT	BLANK0000124624	361.4
No	K25LO-D	D25	LD	LIC	HAMILTON, MT	BLANK0000170480	341.8
No	K25LO-D	D25	LD	CP	HAMILTON, MT	BLANK0000171190	341.8
No	KPAX-TV	D25	DT	APP	MISSOULA, MT	BLANK0000177584	415.7
No	K25FR-D	D25	LD	LIC	ELKO, NV	BLDTT20111122EJV	353.6
No	K25IW-D	D25	LD	LIC	GOLCONDA, NV	BLDTT20090506ACD	301.3
No	K25OJ-D	D25	LD	LIC	LA GRANDE, OR	BLANK0000067874	201.1
No	K25OO-D	D25	LD	LIC	PENDLETON, OR	BLANK0000058590	243.5
No	K25GA-D	D25	LD	LIC	REDMOND/PRINEVILLE, OR	BLANK0000073362	340.8
No	K51JG-D	D25	LD	LIC	YAKIMA, WA	BLANK0000074746	421.0
Yes	K26LT-D	D26	LD	CP	BOISE, ID	BPDTL20100517AAT	41.3
Yes	K26LT-D	D26	LD	LIC	BOISE, ID	BLANK0000179176	41.3
No	K26OW-D	D26	LD	LIC	GARDEN VALLEY, ID	BLANK0000062957	80.6
No	KTKV-LD	D26	LD	LIC	TWIN FALLS, ID	BLANK0000177724	225.6
No	KBSE-LD	N33	TX	LIC	BOISE, ETC., ID	BLTTL20060117AEP	51.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25  
Mask: Full Service  
Latitude: 43 48 56.70 N (NAD83)  
Longitude: 116 46 13.80 W  
Height AMSL: 873.5 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: KAT 2x3 750 10210 BB 0.0 deg  
Elev Pattn: Generic  
Elec Tilt: 2.00

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.886 kW	132.6 m	32.4 km
45.0	0.790	129.5	31.6
90.0	7.00	75.9	37.1
135.0	13.0	121.9	45.4
180.0	9.31	153.4	45.9
225.0	10.6	155.5	46.7
270.0	11.7	111.9	44.0
315.0	12.1	90.9	41.8

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 121 m

Distance to Canadian border: 576.2 km

Distance to Mexican border: 1244.3 km

Conditions at FCC monitoring station: Ferndale WA  
Bearing: 324.2 degrees    Distance: 722.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 109.2 degrees    Distance: 1033.8 km

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

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

-----  
Interference to BLCDT20140506ADA LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KIVI-TV	D24	DT	LIC	NAMPA, ID	BLCDT20140506ADA	
Undesireds:	KFLL-LD	D25	LD	APP	BOISE, ID	KFLL_ANT_CHG	54.3 km
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	42136.4	710,809	35086.0	704,050	35086.0	704,050	35077.0    704,050    0.03    0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
KFLL-LD D25 LD APP			9.0	0		9.0    0	

-----  
Interference to BLANK0000059073 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K25OR-D	D25	LD	LIC	MCCALL, ID	BLANK0000059073	
Undesireds:	KFLL-LD	D25	LD	APP	BOISE, ID	KFLL_ANT_CHG	114.9 km
	K25LO-D	D25	LD	LIC	HAMILTON, MT	BLANK0000170480	231.3
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	3231.5	9,344	2683.7	9,086	2683.7	9,086	2676.7    9,086    0.26    0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
KFLL-LD D25 LD APP			7.0	0		7.0    0	

-----  
Interference to BPDTL20100517AAT CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26LT-D	D26	LD	CP	BOISE, ID	BPDTL20100517AAT	
Undesireds:	KFLL-LD	D25	LD	APP	BOISE, ID	KFLL_ANT_CHG	41.3 km
	KTKV-LD	D26	LD	LIC	TWIN FALLS, ID	BLANK0000177724	185.8
	KBKI-LD	D27	LD	LIC	BOISE, ID	BLANK0000068060	41.3
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	6299.1	605,657	5616.5	587,637	5585.1	587,252	5583.1    587,196    0.04    0.01
Undesired				Total IX	Unique IX, before	Unique IX, after	
KFLL-LD D25 LD APP			28.3	441		2.0    56	
KTKV-LD D26 LD LIC			4.0	0	4.0    0	4.0    0	
KBKI-LD D27 LD LIC			27.3	385	27.3    385	1.0    0	

-----  
Interference to BLANK0000179176 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K26LT-D	D26	LD	LIC	BOISE, ID	BLANK0000179176	
Undesireds:	KFLL-LD	D25	LD	APP	BOISE, ID	KFLL_ANT_CHG	41.3 km

KTKV-LD	D26	LD	LIC	TWIN FALLS, ID	BLANK0000177724	185.8
KBKI-LD	D27	LD	LIC	BOISE, ID	BLANK0000068060	41.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
6299.1 605,657	5616.5 587,637	5585.1 587,252	5583.1 587,196	0.04 0.01

Undesired	Total IX	Unique IX, before	Unique IX, after
KFLL-LD D25 LD APP 28.3	441		2.0 56
KTKV-LD D26 LD LIC 4.0	0	4.0 0	4.0 0
KBKI-LD D27 LD LIC 27.3	385	27.3 385	1.0 0

-----

Interference to proposal scenario 1  
4.52% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFLL-LD	D25	LD	APP	BOISE, ID	KFLL_ANT_CHG	
Undesireds:	KIVI-TV	D24	DT	LIC	NAMPA, ID	BLCDT20140506ADA	54.3 km
	K25OR-D	D25	LD	LIC	MCCALL, ID	BLANK0000059073	114.9
	K26LT-D	D26	LD	CP	BOISE, ID	BPDTL20100517AAT	41.3

Service area	Terrain-limited	IX-free	Percent IX
5350.2 472,717	5005.0 468,534	4625.7 447,352	7.58 4.52
Undesired	Total IX	Unique IX	Prcnt Unique IX
KIVI-TV D24 DT LIC 364.4	18,605	360.4 18,536	7.20 3.96
K25OR-D D25 LD LIC 2.0	0	1.0 0	0.02 0.00
K26LT-D D26 LD CP 16.9	2,646	13.9 2,577	0.28 0.55

-----

Interference to proposal scenario 2  
4.52% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KFLL-LD	D25	LD	APP	BOISE, ID	KFLL_ANT_CHG	
Undesireds:	KIVI-TV	D24	DT	LIC	NAMPA, ID	BLCDT20140506ADA	54.3 km
	K25OR-D	D25	LD	LIC	MCCALL, ID	BLANK0000059073	114.9
	K26LT-D	D26	LD	LIC	BOISE, ID	BLANK0000179176	41.3

Service area	Terrain-limited	IX-free	Percent IX
5350.2 472,717	5005.0 468,534	4625.7 447,352	7.58 4.52
Undesired	Total IX	Unique IX	Prcnt Unique IX
KIVI-TV D24 DT LIC 364.4	18,605	360.4 18,536	7.20 3.96
K25OR-D D25 LD LIC 2.0	0	1.0 0	0.02 0.00
K26LT-D D26 LD LIC 16.9	2,646	13.9 2,577	0.28 0.55