

Study created: 2018.05.27 12:18:21

Study build station data: LMS TV 2018-05-25

Proposal: K39EF-D D14 LD LIC ASHLAND, OR
File number: BLDLTL20130710ABH
Facility ID: 25357
Station data: User record
Record ID: 18
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	K15HV-D	D14	LD APP	CHICO, CA
	BLANK0000052531		274.2 km	
No	KVIQ-LD	D14	LD LIC	Eureka, ca, CA
	BLANK0000034113		200.9	
No	K14HX-D	D14	LD LIC	LAKEHEAD, CA
	BLDTT20080826AAP		155.9	
No	KSAO-LD	D14	LD APP	SACRAMENTO, CA
	BLANK0000053702		429.1	
No	KBND-LP	D14	LD CP	BEND, OR
	BDCCDTL20141008AAV		228.7	
Yes	K14QH-D	D14	LD LIC	BUTTE FALLS, OR
	BLANK0000016527		34.0	
No	K14MQ-D	D14	LD LIC	COOS BAY, OR
	BLDTL20101122ADP		165.7	
No	K14GW-D	D14	LD LIC	CORVALLIS, OR
	BLDTL20100611AFN		263.7	
No	K14LP-D	D14	LD LIC	COTTAGE GROVE, OR
	BLDTT20090706AGJ		166.2	
No	K14PJ-D	D14	LD CP	EUGENE, OR
	BNPDTL20100716ADA		191.8	
No	K47HT	D14-	LD APP	ROSEBURG, OR
	BLANK0000035603		112.9	
No	KODT-LP	N14-	TX LIC	SALT CREEK, OR
	BLTTL20050309ACO		301.9	
Yes	K04JP	D14	LD CP	WILLIAMS, OR
	BDCCDTT20141002AAL		47.4	
No	K15IC-D	D15	LD LIC	WEED, CA
	BLDTL20140221ACR		100.3	
No	K15JZ-D	D15	LD LIC	APPLEGATE VALLEY, OR
	BLANK0000024546		25.0	
No	KFXO-CD	D15	DC CP	BEND, OR
	BLANK0000034082		228.8	
No	K15IM-D	D15	LD LIC	BROOKINGS, ETC, OR
	BLDTT20111103AKT		129.0	

No	K15KF-D	D15	LD	LIC	COOS BAY, OR
	BLANK0000005167		165.9		
No	KORY-CD	D15	DC	LIC	EUGENE, OR
	BLDTA20120222AAU		191.8		
No	K15JI-D	D15	LD	CP	EUGENE, OR
	BNPDTL20100716ADB		191.8		
Yes	K46CH-D	D15	LD	APP	GOLD HILL, OR
	BLANK0000029923		25.2		
No	K15BP-D	D15	LD	LIC	GRANTS PASS, OR
	BLDTT20090615AFL		48.0		
No	K45KE-D	D15	LD	APP	JACKSONVILLE, OR
	BLANK0000034875		13.9		
No	K15KE-D	D15	LD	LIC	KLAMATH FALLS, ETC, OR
	BLANK0000011186		81.2		
No	K15HU-D	D15	LD	LIC	LAKEVIEW, OR
	BLDTT20091118ACG		173.7		
No	K51GJ-D	D15	LD	APP	ROSEBURG, OR
	BLANK0000029043		112.9		
No	K15JG-D	D15	LD	LIC	SCOTTSBURG, OR
	BLDTT20120511ABH		173.5		
No	K15KB-D	D15	LD	LIC	SQUAW VALLEY, OR
	BLANK0000011191		133.0		

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D14
 Mask: Full Service
 Latitude: 42 17 52.40 N (NAD83)
 Longitude: 122 45 5.10 W
 Height AMSL: 1183.0 m
 HAAT: 0.0 m
 Peak ERP: 0.500 kW
 Antenna: COE-CO-4U/8 (ID 90906) 0.0 deg
 Elev Pattn: Generic
 Elec Tilt: 0.75

48.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.008 kW	595.1 m	24.7 km
45.0	0.000	363.9	10.0
90.0	0.011	-17.3	6.2
135.0	0.167	332.3	34.9
180.0	0.384	323.3	39.3
225.0	0.494	390.1	43.5
270.0	0.369	709.6	49.0
315.0	0.102	709.2	41.0

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 426 m

Distance to Canadian border: 661.6 km

Distance to Mexican border: 1175.0 km

Conditions at FCC monitoring station: Livermore CA

Bearing: 170.2 degrees Distance: 515.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 93.4 degrees Distance: 1479.4 km

No land mobile station failures found

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%

No IX check failures found.