

Study created: 2018.04.09 20:23:26

Study build station data: LMS TV 2018-04-09

Proposal: K48LV-D (D24) LD LIC THREE FORKS, MT
File number: BLDTL20131206AUB
Facility ID: 182453
Station data: User record
Record ID: 1301
Country: U.S.

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

Search options:
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File
Number		Distance				
No	K23LO-D	D23	LD	CP	BIG TIMBER, MT	
	BNPDTL20100505AGO	125.7	km			
No	K23LW-D	D23	LD	LIC	EMIGRANT, MT	
	BLDTT20120619ACB	84.3				
No	K23MZ-D	D23	LD	CP	GREAT FALLS, MT	
	BNPDTL20101014ABL	198.2				
No	KTMF	D23	DT	LIC	MISSOULA, MT	
	BLCDT20090612AEQ	232.7				
No	KIVI-TV	D24	DT	LIC	NAMPA, ID	
	BLCDT20140506ADA	420.9				
No	K24IQ-D	D24	LD	LIC	BILLINGS, MT	
	BLDTL20131206AJT	251.1				
No	K24KU-D	D24	LD	LIC	CHINOOK, MT	
	BLDTT20120815AAS	347.3				
No	K24KM-D	D24	LD	LIC	COLSTRIP, ETC., MT	
	BLDTL20120608AAT	362.3				
No	K24FL-D	D24	LD	LIC	COLUMBUS, MT	
	BLDTT20090831ADK	180.7				
No	K24ID-D	D24	LD	LIC	FERNDALE, MT	
	BLDTT20090518AEI	316.5				
No	K24GD-D	D24	LD	LIC	HARDIN, MT	
	BLDTL20100907ACF	313.5				
Yes	NEW	D24	LD	APP	HELENA, MT	
	BNPDTL20100421AAB	97.3				
No	KQUP	D24	DT	LIC	PULLMAN, WA	
	BLCDT20100120ACV	452.8				
No	K24DA	N24	TX	LIC	BIG PINEY, ETC., WY	
	BLTT19920825JD	379.5				
No	K51DW-D	D25	LD	APP	DILLON, MT	
	BLANK0000016420	103.2				
No	K25LO-D	D25	LD	CP	HAMILTON, MT	
	BNPDTL20100105ABY	200.5				

No K25LF-D D25 LD LIC PHILIPSBURG, MT
BLANK0000007422 140.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D24
Mask: Stringent
Latitude: 45 46 3.70 N (NAD83)
Longitude: 111 34 47.80 W
Height AMSL: 1581.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: (replication) 0.0 deg
Elev Pattn: Generic

49.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	19.0 kW	297.6 m	58.1 km
45.0	15.3	270.5	55.4
90.0	8.96	201.2	48.7
135.0	7.78	183.6	47.0
180.0	9.12	4.3	28.3
225.0	7.78	109.8	41.9
270.0	8.96	148.6	45.5
315.0	15.3	229.7	53.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 181 m

Distance to Canadian border: 358.9 km

Distance to Mexican border: 1475.0 km

Conditions at FCC monitoring station: Ferndale WA
Bearing: 297.2 degrees Distance: 898.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 138.3 degrees Distance: 808.3 km

Study cell size: 0.50 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%

No IX check failures found.