

Study created: 2018.05.31 16:08:09

Study build station data: LMS TV 2018-05-31

Proposal: K48LV-D D23 LD APP THREE FORKS, MT

File number: K48LV-DISP23

Facility ID: 182453

Station data: User record

Record ID: 1150

Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K22KN-D	D22	LD	CP	BOZEMAN, MT	BNPDTL20100505AJD	63.4 km
No	K22KM-D	D22	LD	CP	BUTTE, MT	BNPDTL20100505AGM	71.9
No	K45LA-D	D22	LD	APP	DRUMMOND, MT	BLANK0000052362	155.3
No	KHMT	D22	DT	LIC	HARDIN, MT	BLCDT20090226AAD	266.9
No	NEW	D23	LD	APP	BOISE, ID	BNPDTL20090825BNQ	420.9
No	K48DH-D	D23	LD	APP	COTTONWOOD/GRANGEVIL, ID	BLANK0000048935	379.2
No	K23JH-D	D23	LD	LIC	LEADORE, ID	BLDTT20101116BIO	184.9
No	K23BV-D	D23	LD	LIC	MONTPELIER, ID	BLDTT20111115AGZ	375.8
No	KPVI-DT	D23	DT	LIC	POCATELLO, ID	BLCDT20060706AEF	322.3
No	K23LO-D	D23	LD	CP	BIG TIMBER, MT	BNPDTL20100505AGO	125.7
No	K23HI	N23z	TX	LIC	BILLINGS, MT	BLTTL20070809ABT	235.5
No	K23LX-D	D23	LD	LIC	CONRAD, MT	BLDTT20120329AOM	271.0
Yes	K23LW-D	D23	LD	LIC	EMIGRANT, MT	BLDTT20120619ACB	84.3
No	K23MZ-D	D23	LD	CP	GREAT FALLS, MT	BNPDTL20101014ABL	198.2
Yes	KTMF	D23	DT	LIC	MISSOULA, MT	BLCDT20090612AEQ	232.7

No	K43NN-D	D23	LD APP	THOMPSON FALLS, MT	BLANK0000052246	347.7
No	K23IX-D	D23	LD LIC	CLARK, ETC., WY	BLDTT20100107AEA	213.3
Yes	K43DU-D	D24	LD APP	BUTTE, MT	BLANK0000053062	71.9
No	NEW	D24	LD APP	HELENA, MT	BNPDTL20100421AAB	97.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D23

Mask: Full Service

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: Omnidirectional

Elev Pattn: Generic

49.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	297.6 m	56.9 km
45.0	15.0	270.5	55.4
90.0	15.0	201.2	51.4
135.0	15.0	183.6	50.4
180.0	15.0	4.3	30.7
225.0	15.0	109.8	45.3

270.0 15.0 148.6 48.2

315.0 15.0 229.7 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: 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.