

Study created: 2021.12.14 09:35:21

Study build station data: LMS TV 2021-12-10

Proposal: K15MV-D D15 LD CP BOZEMAN, MT
File number: BLANK0000152050
Facility ID: 185745
Station data: User record
Record ID: 1578
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KINV-LD	D14	LD	LIC	BILLINGS, MT	BLDTL20091015ACG	218.7 km
No	KKJB	D15	DT	LIC	BOISE, ID	BLANK0000063943	438.7
No	K15GO-D	D15	LD	LIC	GEORGETOWN, ID	BLDTT20091005ABK	348.6
No	K15HR-D	D15	LD	LIC	MACKAY, ID	BLANK0000012101	268.5
No	KPIF	D15	DT	LIC	POCATELLO, ID	BLANK0000112831	324.0
No	K15ME-D	D15	LD	LIC	SALMON, ID	BLANK0000087560	220.8
No	K15JL-D	D15	LD	LIC	BILLINGS, MT	BLANK0000170472	214.4
No	K15JL-D	D15	LD	CP	BILLINGS, MT	BLANK0000171185	214.4
No	K15JA-D	D15	LD	LIC	HARLOWTON, ETC, MT	BLDTT20120611ACG	117.6
No	KUKL-TV	D15	DT	LIC	KALISPELL, MT	BLANK0000060120	353.8
No	K15LD-D	D15	LD	LIC	LEWISTOWN, MT	BLANK0000063001	216.6
No	K15KW-D	D15	LD	LIC	PHILIPSBURG, MT	BLANK0000171360	168.2
No	K15LB-D	D15	LD	LIC	RED LODGE, MT	BLANK0000060222	166.2
No	K15KH-DT	D15	LD	CP	SUPERIOR, MT	BNPDTT20140312ACA	327.7
No	K15HK-D	D15	LD	LIC	SHERIDAN, WY	BLANK0000116458	344.4
No	KBGS-TV	D16	DT	CP	BILLINGS, MT	BLANK0000035770	218.6
No	KBGS-TV	D16	DT	LIC	BILLINGS, MT	BLEDT20090619ACP	218.6
No	K16NX-D	D16	LD	CP	COLUMBUS, MT	BLANK0000154266	153.0
No	K16NW-D	D16	LD	CP	WOLF CREEK, MT	BLANK0000154214	160.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D15
Mask: Simple
Latitude: 45 38 15.89 N (NAD83)

Longitude: 111 16 7.46 W
Height AMSL: 1736.0 m
HAAT: 0.0 m
Peak ERP: 0.350 kW
Antenna: SAM-SAM-460 (ID 1004146) 60.0 deg
Elev Pattn: Generic

48.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	321.2 m	3.7 km
45.0	0.218	313.2	35.6
90.0	0.045	226.2	23.8
135.0	0.000	118.2	2.8
180.0	0.000	54.3	2.1
225.0	0.000	-47.8	4.7
270.0	0.000	253.8	3.5
315.0	0.000	253.6	3.5

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 187 m

Distance to Canadian border: 373.4 km

Distance to Mexican border: 1466.0 km

Conditions at FCC monitoring station: Ferndale WA
Bearing: 297.5 degrees Distance: 926.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 139.1 degrees Distance: 781.6 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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.