

Study created: 2018.05.13 19:08:10

Study build station data: LMS TV 2018-05-11 #46

Proposal: KTMF-LD D36 LD APP KALISPELL, MT  
File number: KTMF Ch 36 T omni  
Facility ID: 14676  
Station data: User record  
Record ID: 715  
Country: U.S.

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

Search options:  
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K35IC-D	D35	LD	LIC	BONNERS FERRY, ID	BLDTL20090722ABW	148.9 km
Yes	KEXI-LD	D35	LD	LIC	KALISPELL, MT	BLDTL20141202ABS	0.0
No	K50LB-D	D35	LD	APP	POLSON, MT	BLANK0000052150	57.5
No	K42GT-D	D36	LD	APP	PRIEST LAKE, ID	BLANK0000051748	194.5
No	K36CX-D	D36	LD	LIC	BOULDER, MT	BLDTT20090818ACQ	259.7
No	K36MS-D	D36	LD	CP	DILLON, MT	BNPDTL20100609AIL	353.4
No	K36KR-D	D36	LD	LIC	ELMO, BIG ARM, MT	BLDTT20110401ABG	40.0
No	K36DK-D	D36	LD	LIC	JOPLIN, MT	BLDTT20120214ACB	247.9
No	K43DC-D	D36	LD	APP	LEWISTOWN, MT	BLANK0000053220	376.9
No	K36ML-D	D36	LD	CP	MISSOULA, MT	BNPDTL20101014ACO	146.4
No	K36BW-D	D36	LD	LIC	THOMPSON FALLS, MT	BLDTL20101018AAP	101.0
No	K49KA-D	D36	LD	APP	WHITEHALL, MT	BLANK0000053925	307.8
No	K49EV-D	D36	LD	APP	CLARKSTON, WA	BLANK0000037127	279.4
No	KSKN	D36	DT	LIC	SPOKANE, WA	BLANK0000001266	229.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D36  
Mask: Stringent  
Latitude: 48 10 33.90 N (NAD83)  
Longitude: 114 21 0.20 W  
Height AMSL: 1155.4 m  
HAAT: 0.0 m  
Peak ERP: 2.48 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic  
Elec Tilt: 1.75

50.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	2.48 kW	227.3 m	42.2 km
45.0	2.48	258.8	43.8
90.0	2.48	268.3	44.3
135.0	2.48	249.2	43.4
180.0	2.48	-307.3	21.2
225.0	2.48	107.4	34.7
270.0	2.48	17.1	21.2
315.0	2.48	111.2	35.0

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 117 m

\*\*Proposal 25.86 dBu contour crosses Canadian border, coordination required

Distance to Canadian border: 91.7 km

Distance to Mexican border: 1718.4 km

Conditions at FCC monitoring station: Ferndale WA

Bearing: 281.2 degrees    Distance: 609.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 137.6 degrees    Distance: 1147.8 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%

No IX check failures found.