

Study created: 2018.04.09 20:23:26

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

Proposal: K44JW-D (D33) LD LIC THREE FORKS, MT
File number: BLDTL20131206AUB
Facility ID: 182448
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	NEW	D32	LD	APP	BIG TIMBER, MT	
	BNPDTL20100505AGQ	125.7	km			
No	K32LH-D	D32	LD	CP	GLEN, MT	
	BNPDTL20100609AIQ	92.6				
No	KBSE-LD	D33	LD	LIC	BOISE, ETC., ID	
	BLANK0000016319	424.5				
No	K33MR-D	D33	LD	CP	HAMER, ID	
	BNPDTL20100609AHR	211.1				
No	K33LF-D	D33	LD	CP	LEWISTON, ID	
	BNPDTL20100119AEH	427.5				
No	K33DR-D	D33	LD	LIC	MONTPELIER, ID	
	BLDTT20111115AHF	375.8				
No	K33NJ-D	D33	LD	CP	POCATELLO, ID	
	BNPDTL20100624ABC	329.7				
No	K33HO-D	D33	LD	LIC	SODA SPRINGS, ID	
	BLDTT20100809CNH	348.9				
No	K33KP-D	D33	LD	LIC	BILLINGS, MT	
	BLDTL20131206AJX	251.1				
No	K33LG-D	D33	LD	LIC	BRIDGER, ETC, MT	
	BLDTT20120127AFC	212.8				
No	K33EA	N33	TX	LIC	COLUMBUS, MT	
	BLTT19940902IF	177.8				
No	K33MU-D	D33	LD	CP	GREAT FALLS, MT	
	BNPDTL20100609AIY	194.5				
No	K33JQ-D	D33	LD	LIC	BIG PINEY, ETC., WY	
	BLDTT20080305AFA	379.5				
No	K33DS	N33-	TX	LIC	FREEDOM-ETNA, WY	
	BLTT19921130JH	307.7				
No	KJJC-LD	N34-	TX	LIC	HELENA, MT	
	BLTTL20050912AAF	116.5				
No	KJCQ-LD	N40+	TX	LIC	BOZEMAN, MT	
	BLTT20060809AKR	43.4				

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D33
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

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	23.1 kW	297.6 m	58.1 km
45.0	18.6	270.5	55.4
90.0	10.9	201.2	48.7
135.0	9.43	183.6	47.0
180.0	11.1	4.3	28.3
225.0	9.43	109.8	41.9
270.0	10.9	148.6	45.5
315.0	18.6	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.