

Study created: 2018.04.09 20:23:26

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

Proposal: K46KO-D D35 (D14) LD LIC THREE FORKS, MT  
File number: BLDTL20131206AUB  
Facility ID: 182450  
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	KJJC-LD	N34-	TX	LIC	HELENA, MT	
	BLTTL20050912AAF	116.5	km			
No	K46HX-D	D35	LD	APP	GRANGEVILLE, ID	
	BLANK0000029323	379.2				
No	K35LL-D	D35	LD	CP	HAMER, ID	
	BNPDTL20100609AHS	211.1				
No	K35HD-D	D35	LD	LIC	SODA SPRINGS, ID	
	BLDTT20100809CNI	348.9				
No	K35JW-D	D35	LD	LIC	BRIDGER, ETC., MT	
	BLDTL20110207ADO	212.8				
No	K35KY-D	D35	LD	CP	DEER LODGE, MT	
	BNPDTL20100505AGC	113.4				
No	K35JT-D	D35	LD	CP	DRUMMOND, MT	
	BLANK0000019044	155.3				
No	K35JT-D	D35	LD	LIC	DRUMMOND, MT	
	BLDTT20131122AWU	155.3				
Yes	K35KC-D	D35	LD	CP	GREAT FALLS, MT	
	BPDTL20141113ABW	189.4				
No	K35KC-D	D35	LD	LIC	GREAT FALLS, MT	
	BLDTL20140602AXL	189.4				
No	KEXI-LD	D35	LD	LIC	KALISPELL, MT	
	BLDTL20141202ABS	340.2				
No	K35CV-D	D35	LD	LIC	SHOSHONI, WY	
	BLDTT20101203ABG	370.6				
No	KIDK	D36	DT	LIC	IDAHO FALLS, ID	
	BLANK0000001151	266.5				
No	K36LP-D	D36	LD	CP	BIG TIMBER, MT	
	BNPDTL20100505AGR	125.7				
No	K36CX-D	D36	LD	LIC	BOULDER, MT	
	BLDTT20090818ACQ	86.9				
No	K36MS-D	D36	LD	CP	DILLON, MT	
	BNPDTL20100609AIL	103.3				

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D35  
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

50.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	24.1 kW	297.6 m	58.1 km
45.0	19.3	270.5	55.4
90.0	11.3	201.2	48.7
135.0	9.82	183.6	47.0
180.0	11.5	4.3	28.3
225.0	9.82	109.8	41.9
270.0	11.3	148.6	45.5
315.0	19.3	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.