

Study created: 2020.06.25 15:43:50 JMc

Study build station data: LMS TV 2020-06-25

Proposal: K31FD-D D31 DC LIC BOISE, ID  
File number: BLDTA20141002AAF  
Facility ID: 11644  
Station data: User record  
Record ID: 933  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	KVUI	D31	DT	LIC	POCATELLO, ID	BLANK0000068416	305.9 km
No	K31KL-D	D31	DC	LIC	WALLA WALLA, WA	BLDTA20091207ADH	313.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D31  
Mask: Simple  
Latitude: 43 45 18.00 N (NAD83)  
Longitude: 116 5 55.00 W  
Height AMSL: 2154.4 m (Adjusted based on actual ground elevation calculation)  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic

50.4 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	570.1 m	67.3 km
45.0	15.0	598.3	68.2
90.0	15.0	830.0	73.4
135.0	15.0	782.0	72.5
180.0	15.0	609.2	68.5
225.0	15.0	1005.4	77.1
270.0	15.0	916.3	75.2
315.0	15.0	863.5	74.1

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 772 m

Distance to Canadian border: 583.1 km

Distance to Mexican border: 1232.4 km

Conditions at FCC monitoring station: Ferndale WA

Bearing: 321.7 degrees    Distance: 760.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 110.4 degrees    Distance: 980.8 km

Study cell size: 1.00 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.