

Study created: 2020.07.22 16:47:08 JMc

Study build station data: LMS TV 2020-07-22

Proposal: KPNZ-TV D24 DT LIC OGDEN, UT  
File number: BLCDT20090617ABF  
Facility ID: 77512  
Station data: User record  
Record ID: 1055  
Country: U.S.  
Zone: II

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KPVI-DT	D23	DT	LIC	POCATELLO, ID	BLCDT20060706AEF	252.2 km
No	KSL-TV	D23	DT	LIC	SALT LAKE CITY, UT	BLANK0000064344	0.6
No	KIVI-TV	D24	DT	LIC	NAMPA, ID	BLCDT20140506ADA	470.9
Yes	KSVN-CD	D25	DC	LIC	OGDEN, UT	BLDTL20100119ADN	0.7

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D24  
Latitude: 40 39 12.00 N (NAD83)  
Longitude: 112 12 9.00 W  
Height AMSL: 2757.0 m  
HAAT: 1171.0 m  
Peak ERP: 530 kW  
Antenna: DIE-DIELECTRIC TUP-SP2-12-1/TUP-SP1-4-1 (ID 18846) 0.0 deg  
Elev Pattnr: Generic  
Elec Tilt: 1.00

39.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	359 kW	1244.8 m	138.7 km
45.0	100	1252.7	123.3
90.0	17.0	1160.7	103.2
135.0	530	855.9	128.4
180.0	119	592.2	103.6
225.0	17.8	1303.4	106.8
270.0	26.1	1436.7	113.9
315.0	52.6	1433.0	121.5

Database HAAT does not agree with computed HAAT  
Database HAAT: 1171 m Computed HAAT: 1160 m

ERP exceeds maximum  
ERP: 530 kW ERP maximum: 105 kW

Distance to Canadian border: 927.6 km

Distance to Mexican border: 909.9 km

Conditions at FCC monitoring station: Livermore CA  
Bearing: 251.5 degrees Distance: 884.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 93.1 degrees    Distance: 590.6 km

Study cell size: 2.00 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.