

Study created: 2022.12.12 23:30:12

Study build station data: LMS TV 2022-11-09

Proposal: K24OE-D D24 LD CP JACKSON, WY  
File number: K24OE Kat panel 500 watts  
Facility ID: 183688  
Station data: User record  
Record ID: 481  
Country: U.S.

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

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K16CS-D	N16	TX	LIC	PINEDALE, ETC., WY	BLTT19931112IK	85.0 km
No	K22IY-D	N22	TX	LIC	BIG PINEY, WY	BLTT20100119AAE	85.0
No	K23BV-D	D23	LD	LIC	MONTPELIER, ID	BLDTT20111115AGZ	129.8
No	KPVI-DT	D23	DT	LIC	POCATELLO, ID	BLCDDT20060706AEF	142.4
No	K23GR-D	D23	LD	LIC	PRESTON, ID	BLDTT20111116AID	170.4
No	K24HU-D	D24	LD	LIC	BURLEY, ETC., ID	BLDTT20111104ALE	259.9
No	KIVI-TV	D24	DT	LIC	NAMPA, ID	BLCDDT20140506ADA	431.3
No	K24MP-D	D24	LD	LIC	BUTTE, MT	BLANK0000063139	312.8
No	K24FL-D	D24	LD	LIC	COLUMBUS, MT	BLDTT20090831ADK	268.1
No	K24GD-D	D24	LD	LIC	HARDIN, MT	BLDTL20100907ACF	359.5
No	K24OG-D	D24	LD	CP	HELENA, MT	BNPDTL20100421AAB	361.3
No	K24KV-D	D24	LD	LIC	LOGAN, UT	BLDTL20150220AAV	205.2
No	KPNZ	D24	DT	LIC	OGDEN, UT	BLCDDT20090617ABF	333.7
No	K24NC-D	D24	LD	LIC	ROOSEVELT, UT	BLANK0000146986	352.3
No	K24MU-D	D24	LD	LIC	SUMMIT COUNTY, UT	BLANK0000093353	295.9
No	K24GT-D	D24	LD	LIC	KEMMERER, WY	BLDTT20061003ABS	181.6
No	K24MJ-D	D24	LD	LIC	SHOSHONI, WY	BLANK0000055146	222.5
No	K25CK-D	D25	LD	LIC	MONTPELIER, ID	BLDTT20111115AHA	129.8
No	K25HG-D	D25	LD	LIC	PRESTON, ID	BLDTT20111116AIC	170.4
No	K25OI-D	D25	LD	LIC	SODA SPRINGS, ID	BLANK0000059260	119.6
No	K31DC-D	N31	TX	LIC	FREEDOM, WY	BLTT20050303AAK	48.8
No	K32LS-D	N32z	TX	CP	DRIGGS, ID	BDISTT20130802ACU	39.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D24  
Mask: Stringent  
Latitude: 43 27 42.70 N (NAD83)  
Longitude: 110 45 14.70 W  
Height AMSL: 2447.0 m  
HAAT: 0.0 m  
Peak ERP: 0.500 kW

Antenna: KAT UHF panel 350.5 deg  
Elev Pattn: Generic

49.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.469 kW	486.9 m	44.6 km
45.0	0.047	355.2	27.3
90.0	0.000	-280.8	1.5
135.0	0.000	102.3	2.7
180.0	0.000	423.2	4.1
225.0	0.000	459.6	4.2
270.0	0.000	356.4	6.7
315.0	0.201	355.1	35.4

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 282 m

Distance to Canadian border: 615.4 km

Distance to Mexican border: 1243.1 km

Conditions at FCC monitoring station: Grand Island NE

Bearing: 101.3 degrees    Distance: 1052.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 127.0 degrees    Distance: 585.4 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.