tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: Wendover8d3kwCL713at90T, Model: Longley-Rice
Start: 2021.06.16 10:19:02

Study created: 2021.06.16 10:19:02

Study build station data: LMS TV 2021-06-16

    Proposal: K44LW-D D8 LD APP WENDOVER, UT
 Facility ID: 186617
Station data: User record
   Record ID: 131
     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	KIFI-TV	D8	DT	LIC	IDAHO FALLS, ID	BLCDT20090612AGO	315.7 km
No	K08EZ-D	D8	LD	LIC	MINK CREEK, ID	BLDTV20090811ABY	223.9
No	K08LS-D	D8	LD	LIC	ELKO, NV	BLDTV20111219ABD	186.8
No	K08CB-D	D8	LD	LIC	LUND & PRESTON, NV	BLDTV20100111AAN	208.8
No	K08NQ-D	D8	LD	LIC	RYNDON, NV	BLDTV20111219AAV	180.9
No	K08IO-D	D8	LD	LIC	WELLS, NV	BLDTV20090716AAB	133.0
No	K08QA-D	D8	LD	LIC	AURORA, ETC., UT	BLANK0000145110	196.8
No	K08PJ-D	D8	LD	LIC	CEDAR CITY, UT	BLANK0000105380	345.5
No	DDK51GG	D8	LD	APP	DELTA, OAK CITY, ETC, UT	BLANK0000054580	180.6
No	K08QF-D	D8	LD	LIC	EAST PRICE, UT	BLANK0000093963	258.7
No	K08QG-D	D8	LD	LIC	HELPER, UT	BLANK0000093956	252.5
No	K08PW-D	D8	LD	LIC	LAKETOWN, ETC., UT	BLANK0000093381	225.2
No	K08PF-D	D8	LD	LIC	LEAMINGTON, UT	BLDTV20110201AFL	166.0
No	K08QL-D	D8	LD	LIC	LOGAN, UT	BLANK0000034952	167.3
No	K32HR-D	D8	LD	LIC	LONG VALLEY JUNCTION, UT	BLANK0000059933	367.7
No	K08PD-D	D8	LD	CP	MARYSVALE, UT	BNPDVL20090828ADT	278.4
No	K08EN-D	D8	LD	LIC	PINE VALLEY, ETC., UT	BLDTV20090406AEZ	339.4
No	K08QH-D	D8	LD	LIC	ROOSEVELT, ETC., UT	BLANK0000095206	284.9

No	K08QC-D	D8	LD	LIC	SIGURD & SALINA, UT	BLANK0000063748	247.3
No	K08QD-D	D8	LD	LIC	WOODLAND & KAMAS, UT	BLANK0000093350	190.0
No	KCWC-DT	D8	DT	LIC	LANDER, WY	BLEDT20070226AEY	446.9
No	K09YW-D	D9	LD	LIC	LEAMINGTON, UT	BLDTV20110201AFM	166.0
No	K39JS-D	D9	LD	CP	SALT LAKE CITY, UT	BLANK0000053653	108.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D8
       Mask: Stringent
   Latitude:  40 43 38.00 N (NAD83)
  Longitude: 113 29  9.00 W
Height AMSL: 1298.0 m
       HAAT: 0.0 m
   Peak ERP: 3.00 kW
    Antenna: KAT-CL-713 (ID 1001068) 90.0 deg
Elev Pattrn: Generic
```

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	11.6 m	3.1 km
45.0	0.109	11.2	13.7
90.0	3.00	10.5	28.9
135.0	0.109	10.0	13.7
180.0	0.000	9.6	3.1
225.0	0.000	11.6	3.8
270.0	0.003	11.5	5.4
315.0	0.000	12.0	3.8

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 11 m

Distance to Canadian border: 919.3 km

Distance to Mexican border: 896.9 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 247.5 degrees Distance: 785.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 92.6 degrees Distance: 699.1 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%

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K44LW-D	D8	LD	APP	WENDOVER, UT		

Service area		Terrain-limited		IX-free		Percent IX	
538.8	0	507.0	0	507.0	0	0.00	0.00