Study created: 2018.04.08 17:54:16

Study build station data: LMS TV 2018-03-31 (46)

Proposal: KSUD-LP D33 LD CP SALT LAKE CITY, UT
File number: BDFCDTL20110721AAP
Facility ID: 72485
Station data: User record
Record ID: 1178
Country: U.S.

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

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K18FZ	N18	TX	LIC	ORANGEVILLE, UT	BLTT20030806ABP	184.0 km
No	K26GI	N26	TX	LIC	WOODLAND & KAMAS, UT	BLTT20030618ABJ	81.5
No	K29EP	N29	TX	LIC	MORGAN, ETC., UT	BLTT20030905ABO	65.3
No	K31HH	N31	TX	LIC	SAMAK, UT	BLTT20060117AAW	79.6
No	K31HG	N31	TX	LIC	WANSHIP, UT	BLTT20060117AAV	70.1
No	K32IT-D	D32	LD	LIC	COALVILLE AND ADJ. A, UT	BLDTT20090624AAV	74.1
No	K32HX-D	D32	LD	LIC	DUCHESNE, UT	BLDTT20100111AFZ	162.9
No	K32JB-D	D32	LD	LIC	FOUNTAIN GREEN, UT	BLDTT20100914AHQ	134.9
No	K32HP-D	D32	LD	LIC	HANNA, ETC., UT	BLDTT20100111AGA	125.5
No	K32IS-D	D32	LD	LIC	HENEFER, ETC., UT	BLDTT20090624ACZ	73.9
No	K32HD	N32	TX	LIC	HUNTSVILLE, UT	BLTT20061114ACW	82.9
No	K32JP-D	D32	LD	LIC	LOGAN, UT	BLDTT20111107AAK	102.3
No	KMTI-LD	D32	LD	LIC	MANTI AND EPHRAIM, UT	BLDTL20121203ASD	152.4
No	K32HK-D	D32	LD	LIC	MORGAN, ETC., UT	BLDTT20090624AAM	65.0
No	K39HP-D	D32	LD	APP	PARK CITY, UT	BLANK0000041672	57.3
Yes	KUTH-DT	D32	DT	LIC	PROVO, UT	BLCDT20090616ACK	47.3
Yes	KUTH-DT	D32	DT	CP	PROVO, UT	BPCDT20100921AAY	0.7
No	K32IZ-D	D32	LD	LIC	SCOFIELD, UT	BLDTT20100127ABW	131.1
No	K32IU-D	D32	LD	LIC	WANSHIP, UT	BLDTT20090624ADJ	70.1
No	K35EJ-D	D32	LD	LIC	WOODLAND, UT	BLDTT20110331ADY	81.5
No	K32DS	N32	TX	LIC	EVANSTON, WY	BLTT19940201JG	133.6
No	K33MR-D	D33	LD	CP	HAMER, ID	BNPDTL20100609AHR	363.4
No	K33IM-D	D33	LD	LIC	MALAD CITY, ID	BLDTT20081211AFA	158.7
No	K33DR-D	D33	LD	LIC	MONTPELIER, ID	BLDTT20111115AHF	204.7
No	K33NJ-D	D33	LD	CP	POCATELLO, ID	BNPDTL20100624ABC	248.7
No	K33GF-D	D33	LD	LIC	PRESTON, ID	BLDTT20111116AHY	167.5
No	K33HO-D	D33	LD	LIC	SODA SPRINGS, ID	BLDTT20100809CNH	224.0

No	K33DP	N33	TX	LIC	CARLIN, NV	BLTTL19931014JJ	329.6
No	K33HD	D33	LD	CP	STARR VALLEY, NV	BDFCDTT20111219ABH	206.1
No	K33HD	N33	TX	LIC	STARR VALLEY, NV	BLTT20040520AAO	206.1
No	K23KR-D	D33	LD	APP	ALTON, UT	BLANK0000029214	365.5
No	K33IZ-D	D33	LD	LIC	BOULDER, UT	BLDTT20090407ACF	313.5
No	K33EB-D	D33	LD	LIC	CEDAR CANYON, UT	BLDTT20090728ABU	344.0
No	K33JD-D	D33	LD	LIC	CIRCLEVILLE, UT	BLDTT20110823ACT	271.3
No	K33KW-D	D33	LD	LIC	DELTA, ETC., UT	BLDTT20110203AAB	145.0
No	K33LA-D	D33	LD	LIC	DUCHESNE, UT	BLDTT20101216ABC	162.9
Yes	K33FX-D	D33	LD	LIC	HEBER/MIDWAY, UT	BLDTT20101006AAK	62.1
No	K33KG-D	D33	LD	LIC	HELPER, UT	BLDTT20100216ADB	157.8
No	K33LV-D	D33	LD	LIC	HENEFER, ETC, UT	BLDTT20130322ACA	73.8
No	K33KF-D	D33	LD	LIC	KANARRAVILLE, ETC, UT	BLDTT20140430AAH	362.2
No	K33FT-D	D33	LD	LIC	MANTI, EPHRAIM, UT	BLDTT20090714ABI	152.2
No	K33JE-D	D33	LD	LIC	MODENA, BERYL, ETC., UT	BLDTT20090728AEM	353.5
Yes	K33KH-D	D33	LD	LIC	NEPHI, UT	BLDTT20110722AAG	104.6
Yes	K33FY-D	D33	LD	LIC	PARK CITY, UT	BLDTT20090414AFX	57.3
No	K33JG-D	D33	LD	LIC	PEOA, OAKLEY, UT	BLDTT20090624ADW	71.0
No	K33JF-D	D33	LD	LIC	RICHFIELD, ETC., UT	BLDTT20101122AJT	224.6
No	K33FW	N33	TX	LIC	RURAL BEAVER, ETC., UT	BLTT20020916AAG	254.7
No	K33DU-D	D33	LD	LIC	RURAL SEVIER COUNTY, UT	BLDTT20110321ABJ	240.6
No	K33HP	N33	TX	LIC	SAMAK, UT	BLTT20060117AAY	79.6
No	K33JI-D	D33	LD	LIC	SCOFIELD, UT	BLDTT20090717AEF	137.2
No	K33KI-D	D33	LD	LIC	SPRING GLEN, UT	BLDTT20100216ADK	158.5
No	K33HX-D	D33	LD	LIC	TROPIC & CANNONVILLE, UT	BLDTL20090708AJH	327.1
No	K33DO-D	D33	LD	LIC	VERNAL, UT	BLDTT20131126AXG	259.0
No	K33HQ	N33	TX	LIC	WANSHIP, UT	BLTT20060117AAZ	70.1
No	K33JQ-D	D33	LD	LIC	BIG PINEY, ETC., WY	BLDTT20080305AFA	285.7
No	K33DS	N33-	TX	LIC	FREEDOM-ETNA, WY	BLTT19921130JH	279.6
No	K33IX-D	D33	LD	LIC	ROCK SPRINGS, WY	BLDTL20100122ACV	257.2
No	K34KP-D	D34	LD	LIC	CLEAR CREEK, UT	BLDTT20121114ADC	142.9
No	K34FV-D	D34	LD	LIC	DUCHESNE, UT	BLANK0000001091	162.9
No	K34JT-D	D34	LD	LIC	EAST PRICE, UT	BLDTT20090720AAS	165.3
No	K34KQ-D	D34	LD	LIC	FOUNTAIN GREEN, UT	BLDTT20100914AHR	134.9
No	K34IV-D	D34	LD	LIC	FRUITLAND, UT	BLDTT20100111AFY	121.2
No	K34IW-D	D34	LD	LIC	HANNA, ETC., UT	BLDTT20100111AFX	125.5
No	K34LP-D	D34	LD	LIC	LEAMINGTON, UT	BLDTT20110201AFG	124.9
No	K34FR-D	D34	LD	LIC	RANDOLPH & WOODRUFF, UT	BLDTT20100422ACL	140.8
Yes	KUTV	D34	DT	LIC	SALT LAKE CITY, UT	BLCDT20020211AAD	0.7
No	K34IZ-D	D34	LD	LIC	SCIPIO, UT	BLDTT20100713AGG	161.2
No	K34JC-D	D34	LD	LIC	WOODLAND & KAMAS, UT	BLDTT20090624AEE	81.5
No	K35FZ	N35	TX	LIC	ECHO, ETC., UT	BLTT20030612ADC	73.9
No	K40FY	N40	TX	LIC	RANDOLPH & WOODRUFF, UT	BLTT20030813AAI	140.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

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    Channel: D33
       Mask: Full Service
   Latitude:  40 39  8.80 N (NAD83)
  Longitude: 112 12  7.80 W
Height AMSL: 2701.6 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna: ANT-ACB12CR (ID 17626) 120.0 deg
Elev Pattrn: Generic
  Elec Tilt: 1.00
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50.6 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.013 kW	1178.3 m	31.2 km
45.0	0.122	1193.4	46.2
90.0	14.7	1112.2	79.0
135.0	14.0	801.5	72.1
180.0	2.40	532.2	54.8
225.0	0.013	1242.9	31.6
270.0	0.013	1379.0	32.2
315.0	0.013	1374.6	32.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 1102 m

Distance to Canadian border: 927.7 km

Distance to Mexican border: 909.8 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: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

---- Below is IX received by proposal BDFCDTL20110721AAP ----

Proposal receives 4.61% interference from scenario 1
Proposal receives 7.36% interference from scenario 2
No IX check failures found.