Study created: 2018.04.08 12:40:32

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

Proposal: KRJR-LP D11 LD CP SACRAMENTO, CA
File number: BDISDTL20110126ADX
Facility ID: 64982
Station data: User record
Record ID: 1157
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	K08NH	N8z	TX	LIC	OROVILLE, CA	BLTVL20020618AAT	91.0 km
No	KXTV	D10	DT	LIC	SACRAMENTO, CA	BLCDT20120201AAM	45.4
No	K10QX-D	D10	LD	CP	RENO, NV	BMPDVL20120806AAJ	156.1
Yes	KKRM-LD	D11	LD	CP	CHICO, CA	BLANK0000010621	147.0
Yes	KKRM-LD	D11	LD	LIC	CHICO, CA	BLDVL20080728AEJ	147.0
Yes	KEET	D11	DT	LIC	EUREKA, CA	BLANK0000005864	314.6
Yes	KNSO	D11	DT	LIC	MERCED, CA	BLCDT20100202ABE	250.9
Yes	KCBA	D11	DT	CP	SALINAS, CA	BLANK0000028196	210.3
Yes	KCBA	D11	DT	BL	SALINAS, CA	DTVBL14867	210.3
Yes	K11WP-D	D11	LD	CP	San Francisco, CA	BLANK0000022522	125.5
Yes	K11WP-D	D11	LD	LIC	San Francisco, CA	BLANK0000022384	125.5
Yes	KTVN	D11	DT	CP	RENO, NV	BLANK0000034040	156.3
Yes	KTVN	D11	DT	BL	RENO, NV	DTVBL59139	156.4
Yes	KGO-TV	D12	DT	CP	SAN FRANCISCO, CA	BLANK0000033605	130.8
No	KGO-TV	D12	DT	BL	SAN FRANCISCO, CA	DTVBL34470	130.8
No	KNTV	D12	DT	LIC	SAN JOSE, CA	BLCDT20050923AHA	135.8
No	KRNV-DT	D12	DT	CP	RENO, NV	BLANK0000034623	156.3
No	KRNV-DT	D12	DT	BL	RENO, NV	DTVBL60307	156.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D11
Mask: Full Service

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   Latitude:  38 38 54.00 N (NAD83)
  Longitude: 121 28 41.00 W
Height AMSL: 65.0 m
       HAAT: 0.0 m
   Peak ERP: 3.00 kW
    Antenna: SWR-SWCVL4OI MODIFIED (ID 105442) 170.0 deg
Elev Pattrn: Generic
  Elec Tilt: 1.00

48.0 dBu contour:
Azimuth      ERP       HAAT   Distance
  0.0 deg  0.750 kW    52.5 m   27.6 km
 45.0      0.750       39.5     24.4
 90.0       1.39       36.5     26.7
135.0       2.54       50.7     34.3
180.0       2.94       57.1     37.0
225.0       2.07       60.1     35.5
270.0      0.941       58.7     30.2
315.0      0.750       58.0     28.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m   Computed HAAT: 52 m

Distance to Canadian border: 1077.2 km

Distance to Mexican border: 764.7 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 193.3 degrees   Distance: 105.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 78.2 degrees   Distance: 1401.4 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%


---- Below is IX received by proposal BDISDTL20110126ADX ----
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Proposal receives 10.93% interference from scenario 1
No IX check failures found.