Study created: 2018.11.13 11:36:23

Study build station data: LMS TV 2018-10-29

Proposal: KPCD-LP D27 LD CP BIG BEAR LAKE, CA
File number: BDFCDTL20101130AOF
Facility ID: 129226
Station data: User record
Record ID: 2106
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	K19BT	N19-	TX	LIC	LUCERNE VALLEY, CA	BLTT19880307ID	47.6 km
No	K23BP	N23z	TX	LIC	DAGGETT, ETC., CA	BLTT19880307IB	81.9
No	K25AD	N25	TX	LIC	VICTORVILLE, ETC., CA	BLTT19820105IE	41.8
No	NEW	D26	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BUD	178.2
No	KUVI-DT	D26	DT	CP	BAKERSFIELD, CA	BLANK0000034321	186.1
No	NEW	D26	LD	APP	BAKERSFIELD, CA	BNPDTL20090825BPK	186.2
No	KUVI-DT	D26	DT	BL	BAKERSFIELD, CA	DTVBL7700	186.2
No	K26KI-D	D26	LD	CP	BANNING, CA	BNPDTL20090825ACQ	63.2
No	KMRZ-LD	D26	LD	APP	LOS ANGELES, CA	BLANK0000054819	35.3
No	K17KD	D26	LD	CP	LUCERNE VALLEY, CA	BLANK0000004640	41.7
No	KMIR-TV	D26	DT	CP	PALM SPRINGS, CA	BLANK0000034640	91.3
No	KCWQ-LD	D26	LD	LIC	PALM SPRINGS, CA	BLDTL20110819AAU	91.3
No	KMIR-TV	D26	DT	BL	PALM SPRINGS, CA	DTVBL16749	91.3
No	KZGN-LD	D26	LD	CP	RIDGECREST, CA	BLANK0000054373	157.5
No	KVCR-DT	D26	DT	LIC	SAN BERNARDINO, CA	BLEDT20070904AIC	30.2
No	KVSD-LD	D26	LD	LIC	SAN DIEGO, CA	BLDTL20130828AFL	140.2
No	KSWB-TV	D26	DT	CP	SAN DIEGO, CA	BLANK0000048783	174.8
No	KSWB-TV	D26	DT	BL	SAN DIEGO, CA	DTVBL58827	174.8
No	KSKJ-CD	D26	DC	CP	VAN NUYS, CA	BLANK0000034721	68.3
No	K27DA-D	D27	LD	LIC	BIG SANDY VALLEY, AZ	BLDTT20130308AAI	328.8
No	K46CG-D	D27	LD	CP	GOLDEN VALLEY, AZ	BLANK0000053729	304.2
No	K27EC-D	D27	LD	LIC	LAKE HAVASU CITY, AZ	BLDTA20110503ACV	273.4
No	KYPO-LP	N27	TX	LIC	TACNA, AZ	BLTTL20080818AAL	340.1
No	K42EU-D	D27	LD	CP	TOPOCK, AZ	BLANK0000053718	283.9
No	KEBK-LD	D27	LD	CP	BAKERSFIELD, CA	BLANK0000056339	178.4
No	KEBK-LD	D27	LD	LIC	BAKERSFIELD, CA	BLDTL20131120AXK	178.4
Yes	KSCD-LP	D27-	LD	APP	BIG BEAR LAKE, CA	BLANK0000054281	25.2
No	KGMC	D27	DT	CP	CLOVIS, CA	BLANK0000028225	330.8

No	KGMC	D27	DT	BL	CLOVIS, CA	DTVBL23302	330.8
No	KJKZ-LP	D27	LD	LIC	FRESNO, CA	BLDTT20140908ADA	330.7
Yes	KVER-CD	D27	DC	CP	INDIO, CA	BLANK0000034462	91.4
Yes	KVER-CD	D27	DC	BL	INDIO, CA	DTVBL69753	91.4
No	KEDD-LD	D27	LD	APP	LOS ANGELES, CA	BLANK0000054820	87.9
Yes	KHTV-CD	D27	DC	LIC	LOS ANGELES, CA	BLANK0000035601	68.3
No	KTBV-LD	D27	LD	APP	LOS ANGELES, CA	BLANK0000052714	104.7
No	K48AD	D27	LD	CP	LUCERNE VALLEY, CA	BLANK0000054646	47.6
Yes	KPOM-CD	D27	DC	CP	ONTARIO, CA	BLANK0000059243	35.4
Yes	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000036109	30.7
No	K39HT-D	D27	LD	CP	RIDGECREST, CA	BLANK0000054388	142.1
No	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	244.2
No	KSKJ-CD	D27	DC	BL	VAN NUYS, CA	DTVBL36717	106.0
No	K27AE	N27	TX	LIC	VICTORVILLE, ETC., CA	BLTT19820105IF	41.8
Yes	DK27DS	D27	LD	APP	YUCCA VALLEY, CA	BDFCDTT20120606AAZ	51.5
No	K27JK-D	D27	LD	LIC	GLENDALE, NV	BLDTT20100820ABN	372.0
No	KPVT-LD	D27	LD	LIC	LAS VEGAS, NV	BLANK0000010689	288.2
No	KDBK-LP	D28	LD	APP	BAKERSFIELD, CA	BLANK0000054822	178.4
No	KZKC-LP	D28+	LD	APP	BAKERSFIELD, CA	BLANK0000054687	186.2
Yes	KCET	D28	DT	APP	LOS ANGELES, CA	BLANK0000036117	68.3
Yes	KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	68.3
No	KESQ-TV	D28	DT	CP	PALM SPRINGS, CA	BLANK0000034072	91.3
No	KESQ-TV	D28	DT	BL	PALM SPRINGS, CA	DTVBL25577	91.2
No	K30GU	N30	TX	LIC	MORONGO VALLEY, CA	BLTT20021211AAS	73.7
No	K31AD	N31	TX	LIC	VICTORVILLE, ETC., CA	BLTT19900108IL	41.8
No	K34EU	N34-	TX	LIC	MORONGO VALLEY, CA	BLTTL19970721JR	73.7
No	K35BQ	N35	TX	LIC	DAGGETT, ETC., CA	BLTT19880307IA	81.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

```
    Channel: D27
       Mask: Full Service
   Latitude:  34 14 10.00 N (NAD83)
  Longitude: 117 19 11.10 W
Height AMSL: 1649.0 m
       HAAT: 0.0 m
   Peak ERP: 1.00 kW
    Antenna: SCA-PR-TV COMPOSITE (ID 103146) 105.0 deg
Elev Pattrn: Generic
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50.0 dBu contour:

Azimuth	ERP	HAAT	Distance

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  0.0 deg  0.000 kW   588.2 m    6.2 km
 45.0      0.000      265.8      4.6
 90.0      0.177      -42.0     11.5
135.0      0.000     1002.7      6.2
180.0      0.000     1212.0      7.0
225.0      0.000     1114.4      6.3
270.0      0.177      754.5     43.2
315.0      0.000      388.1      5.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m   Computed HAAT: 660 m

Distance to Canadian border: 1636.8 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 183.5 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 315.5 degrees   Distance: 556.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 55.0 degrees   Distance: 1251.0 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 BDFCDTL20101130AOF ----

**MX with scenario 1, 39.06% interference received
**MX with BLANK0000054281 APP scenario 2, 39.06% interference received
**MX with scenario 3, 32.50% interference received
**MX with BLANK0000054281 APP scenario 4, 32.44% interference received
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