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Study build station data: LMS TV 2021-10-23

Proposal: KPCD-LP D27 LD CP San fernando, CA
File number: BLANK0000054282
Facility ID: 129226
Station data: User record
Record ID: 1554
Country: U.S.

Search options:
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K32OX-D	N19-	TX	LIC	LUCERNE VALLEY, CA	BLTT19880307ID	33.4 km
No	K25GK	N25+	TX	LIC	JOSHUA TREE, CA	BLTT20000605AOK	101.3
No	K25AD-D	N25	TX	LIC	VICTORVILLE, ETC., CA	BLTT19820105IE	50.9
No	KUVI-DT	D26	DT	LIC	BAKERSFIELD, CA	BLANK0000081232	207.0
No	K26KI-D	D26	LD	CP	BANNING, CA	BNPDTL20090825ACQ	44.5
No	KMRZ-LD	D26	LD	CP	LOS ANGELES, CA	BLANK0000163118	59.9
No	K26MW-D	D26	LD	LIC	LUCERNE VALLEY, CA	BLANK0000116236	50.9
No	KMIR-TV	D26	DT	LIC	PALM SPRINGS, CA	BLANK0000075143	67.5
No	KZGN-LD	D26	LD	LIC	RIDGECREST, CA	BLANK0000141532	168.5
No	KSWB-TV	D26	DT	LIC	SAN DIEGO, CA	BLANK0000068712	167.1
No	KSKJ-CD	D26	DC	LIC	VAN NUYS, CA	BLANK0000071612	93.1
No	KTNV-TV	D26	DT	APP	LAS VEGAS, NV	BLANK0000145120	266.6
No	K27DA-D	D27	LD	LIC	BIG SANDY VALLEY, AZ	BLDTT20130308AAI	306.8
No	K27NT-D	D27	LD	LIC	GOLDEN VALLEY, AZ	BLANK0000071725	283.1
No	K27EC-D	D27	LD	LIC	LAKE HAVASU CITY, AZ	BLDTA20110503ACV	249.7
No	KASW	D27	DT	LIC	PHOENIX, AZ	BLANK0000106570	470.6
No	KASW	D27	DD	CP	PHOENIX, AZ	BLANK0000116045	470.6
No	KYPO-LP	D27	LD	CP	TACNA, AZ	BLANK0000151856	314.9
No	KYPO-LP	N27	TX	LIC	TACNA, AZ	BLTTL20080818AAL	314.9
No	K27NR-D	D27	LD	LIC	TOPOCK, AZ	BLANK0000071723	262.1
No	K27PC-D	D27	LD	CP	YUMA, AZ	BLANK0000156011	303.4
No	KEBK-LD	D27	LD	LIC	BAKERSFIELD, CA	BLANK0000117286	198.5
No	KNSO	D27	DT	LIC	CLOVIS, CA	BLANK0000073456	385.2
Yes	KSCD-LP	D27-	LD	CP	HEMET, CA	BLANK0000054281	0.0
No	KVER-CD	D27	DC	LIC	INDIO, CA	BLANK0000074955	67.6
Yes	KEDD-LD	D27	LD	CP	LOS ANGELES, CA	BLANK0000054820	130.5

Yes	KTBV-LD	D27	LD	LIC	LOS ANGELES, CA	BLANK0000133940	164.0
No	K27ON-D	D27	LD	LIC	LUCERNE VALLEY, CA	BLANK0000082020	33.4
Yes	KPOM-CD	D27	DC	LIC	ONTARIO, CA	BLANK0000080302	59.9
Yes	KPOM-CD	D27	DC	CP	ONTARIO, CA	BLANK0000136453	93.2
No	K27NX-D	D27	LD	LIC	RIDGECREST, CA	BLANK0000068894	153.9
Yes	KEYT-TV	D27	DT	LIC	SANTA BARBARA, CA	BLCDT20061102ABJ	269.4
Yes	K27AE-D	D27	LD	LIC	VICTORVILLE, ETC., CA	BLANK0000143996	50.9
Yes	K27AE-D	N27	TX	LIC	VICTORVILLE, ETC., CA	BLTT19820105IF	50.9
No	DK27DS	D27	LD	APP	YUCCA VALLEY, CA	BDFCDTT20120606AAZ	27.9
No	K27JK-D	D27	LD	LIC	GLENDALE, NV	BLDTT20100820ABN	359.1
No	KPVT-LD	D27	LD	LIC	LAS VEGAS, NV	BLANK0000010689	274.0
No	KZKC-LD	D28	LD	LIC	BAKERSFIELD, CA	BLANK0000090130	198.5
No	KDBK-LD	D28	LD	LIC	BAKERSFIELD, CA	BLANK0000124037	198.5
No	KCET	D28	DT	CP	LOS ANGELES, CA	BLANK0000109203	93.2
No	KCET	D28	DT	LIC	LOS ANGELES, CA	BLANK0000055363	93.2
No	KESQ-TV	D28	DT	LIC	PALM SPRINGS, CA	BLANK0000078362	67.5
No	K29GK-D	N29-	TX	LIC	TWENTYNINE PALMS, ETC, CA	BLTT20060119ADC	101.3
No	K30GU-D	N30	TX	LIC	MORONGO VALLEY, CA	BLTT20021211AAS	48.6
No	K31AD-D	N31	TX	LIC	VICTORVILLE, ETC., CA	BLTT19900108IL	50.9
No	K34EU-D	N34-	TX	LIC	MORONGO VALLEY, CA	BLTTL19970721JR	48.6
No	XHEBC	D26	DT	LIC	ENSENADA, BN	BLANKBPFS20160301ABP	261.2
No	XHBJ	D27	DT	LIC	TIJUANA, BN	BLANKBPFS20160302ADP	188.4
No	XHAQ	D28	DT	LIC	MEXICALI, BN	BLANKBPFS20050721AFZ	228.0
No	XHJK	D28	DT	LIC	TIJUANA, BN	BLANKBPFS20091104ADT	188.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D27
Mask: Full Service
Latitude: 34 11 48.50 N (NAD83)
Longitude: 117 2 57.30 W
Height AMSL: 2415.0 m
HAAT: 0.0 m
Peak ERP: 0.400 kW
Antenna: SAM-SAM-460 295.0 deg
Elev Pattn: Generic

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
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0.0 deg	0.000 kW	453.1 m	5.2 km
45.0	0.000	251.4	3.3
90.0	0.000	542.6	3.9
135.0	0.000	648.0	4.0
180.0	0.000	1405.9	4.3
225.0	0.000	1562.2	4.3
270.0	0.002	1077.7	19.9
315.0	0.000	756.8	7.2

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 837 m

Distance to Canadian border: 1645.3 km

**Proposal is within coordination distance of Mexican border
 Distance to Mexican border: 182.8 km

Conditions at FCC monitoring station: Livermore CA
 Bearing: 314.2 degrees Distance: 576.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 54.3 degrees Distance: 1233.3 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 BLANK0000054282 ----

Proposal receives 51.93% interference from scenario 1
 Proposal receives 22.57% interference from scenario 2
 Proposal receives 45.82% interference from scenario 3
 Proposal receives 16.47% interference from scenario 4
 No IX check failures found.