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Study build station data: LMS TV 2022-01-13

Proposal: KFVD-LP D15 LD CP PORTERVILLE, CA
File number: BLANK0000158108
Facility ID: 68010
Station data: User record
Record ID: 1633
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KXBF-LD	D14	LD	LIC	BAKERSFIELD, CA	BLDTL20130821ACC	104.9 km
No	KJEO-LD	D14	LD	LIC	FRESNO, CA	BLANK0000093724	56.7
No	K14AT-D	D14	LD	LIC	RIDGECREST, CA	BLDTT20120221ABF	168.3
No	K14TK-D	D14	LD	CP	SANTA MARIA, CA	BLANK0000153596	180.2
Yes	KTLD-CD	D15	DC	LIC	BAKERSFIELD, CA	BLANK0000001629	102.1
No	KBSV	D15	DT	APP	CERES, CA	BLANK0000072220	210.4
Yes	KBSV	D15	DT	LIC	CERES, CA	BLEDT20090213AAZ	232.2
No	KUNA-LP	D15	LD	LIC	INDIO, CA	BLANK0000177278	389.2
No	KUNA-LP	D15	LD	CP	INDIO, CA	BDFCDTL20110207ACY	389.2
No	K24LS-D	N15+	TX	LIC	LUCERNE VALLEY, CA	BLTT19880307IE	295.0
No	K15HJ-D	D15	LD	LIC	RIDGECREST, ETC., CA	BLDTT20090622AAI	168.3
No	K15CU-D	D15	LD	LIC	SALINAS, CA	BLDTL20140730AEK	205.0
Yes	KSBY	D15	DT	LIC	SAN LUIS OBISPO, CA	BLCDT20081118AEW	156.2
No	KYUB-LD	D15	LD	LIC	Yuba City, CA	BLANK0000159134	397.5
No	K15LG-D	D15	LD	LIC	HAWTHORNE, NV	BLANK0000063682	251.4
No	KVCW	D15	LD	LIC	LAS VEGAS, NV	BLCDT20131108AKG	305.1
No	KELV-LD	D15	LD	LIC	LAS VEGAS, NV	BLDTL20120215ABO	383.7
No	KNPB	D15	LD	APP	RENO, NV	BDRTEDT20090825BIO	347.8
No	KNPB	D15	DT	LIC	RENO, NV	BLEDT20031023AAU	374.7
No	KHSC-LD	D16	LD	LIC	FRESNO, CA	BLDTL20140811ACM	93.8
No	K16JW-D	D16	LD	LIC	RIDGECREST, CA	BLDTT20120309ABV	168.3
No	K16FC-D	D16	LD	LIC	SAN LUIS OBISPO, CA	BLDTT20100510AWS	156.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D15
Mask: Full Service
Latitude: 36 14 9.80 N (NAD83)
Longitude: 119 18 4.40 W
Height AMSL: 109.0 m
HAAT: 0.0 m
Peak ERP: 3.50 kW
Antenna: SCA-PR-450CU (ID 23500) 0.0 deg
Elev Pattn: Generic

48.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.50 kW	9.7 m	24.9 km
45.0	0.020	1.5	7.2
90.0	0.007	8.0	5.7
135.0	0.006	13.5	5.4
180.0	0.002	22.7	4.2
225.0	0.005	27.4	5.1
270.0	0.008	25.0	5.9
315.0	0.019	18.6	7.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 16 m

Distance to Canadian border: 1376.9 km

Distance to Mexican border: 438.9 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 308.0 degrees Distance: 273.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 66.4 degrees Distance: 1299.3 km

No land mobile station failures found

Proposal is not within the Offshore Radio Service protected area

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%

No IX check failures found.