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Study build station data: LMS TV 2021-12-10

Proposal: KFVD-LP D15z LD LIC PORTERVILLE, CA
File number: BLTT19891122JU
Facility ID: 68010
Station data: User record
Record ID: 1608
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 | 104.0 km |
| Yes | KJEO-LD | D14 | LD | LIC | FRESNO, CA | BLANK0000093724 | 64.8 |
| No | K14AT-D | D14 | LD | LIC | RIDGECREST, CA | BLDTT20120221ABF | 137.3 |
| No | K14TK-D | D14 | LD | CP | SANTA MARIA, CA | BLANK0000153596 | 211.1 |
| Yes | KTLD-CD | D15 | DC | LIC | BAKERSFIELD, CA | BLANK0000001629 | 94.6 |
| No | KBSV | D15 | DT | APP | CERES, CA | BLANK0000072220 | 237.5 |
| Yes | KBSV | D15 | DT | LIC | CERES, CA | BLEDT20090213AAZ | 263.0 |
| No | KUNA-LP | D15 | LD | CP | INDIO, CA | BDFCDTL20110207ACY | 364.3 |
| No | KUNA-LP | N15- | TX | LIC | INDIO, CA | BLTTL20031124AQH | 364.3 |
| No | K24LS-D | N15+ | TX | LIC | LUCERNE VALLEY, CA | BLTT19880307IE | 269.4 |
| No | K15HJ-D | D15 | LD | LIC | RIDGECREST, ETC., CA | BLDTT20090622AAI | 137.3 |
| No | K15CU-D | D15 | LD | LIC | SALINAS, CA | BLDTL20140730AEK | 243.5 |
| Yes | KSBY | D15 | DT | LIC | SAN LUIS OBISPO, CA | BLCDT20081118AEW | 193.3 |
| No | K15FC-D | D15 | LD | LIC | twentynine palms, CA | BLANK0000004552 | 358.7 |
| No | KYUB-LD | D15 | LD | LIC | Yuba City, CA | BLANK0000159134 | 417.1 |
| No | K15LG-D | D15 | LD | LIC | HAWTHORNE, NV | BLANK0000063682 | 241.5 |
| No | KVCW | D15 | LD | LIC | LAS VEGAS, NV | BLCDT20131108AKG | 263.9 |
| No | KELV-LD | D15 | LD | LIC | LAS VEGAS, NV | BLDTL20120215ABO | 342.9 |
| No | KNPB | D15 | LD | APP | RENO, NV | BDRTEDT20090825BIO | 351.3 |
| No | KNPB | D15 | DT | LIC | RENO, NV | BLEDT20031023AAU | 376.2 |
| No | KHSC-LD | D16 | LD | LIC | FRESNO, CA | BLDTL20140811ACM | 102.3 |
| No | K16JW-D | D16 | LD | LIC | RIDGECREST, CA | BLDTT20120309ABV | 137.3 |
| No | K16FC-D | D16 | LD | LIC | SAN LUIS OBISPO, CA | BLDTT20100510AWS | 193.4 |

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D15z
Mask: Stringent
Latitude: 36 17 6.80 N (NAD83)
Longitude: 118 50 22.30 W
Height AMSL: 1709.0 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.400 kW
Antenna: AND-ODD890310T7 (ID 17217) 0.0 deg
Elev Pattn: Generic

48.8 dBu contour:

| Azimuth | ERP | HAAT | Distance |
|---------|----------|---------|----------|
| 0.0 deg | 0.400 kW | 732.1 m | 49.8 km |
| 45.0 | 0.396 | 62.3 | 21.9 |
| 90.0 | 0.237 | 57.0 | 18.6 |
| 135.0 | 0.034 | 767.4 | 35.1 |
| 180.0 | 0.041 | 1009.4 | 39.6 |
| 225.0 | 0.025 | 1107.1 | 37.4 |
| 270.0 | 0.231 | 1272.6 | 54.1 |
| 315.0 | 0.388 | 1017.5 | 54.2 |

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 753 m

Distance to Canadian border: 1381.4 km

Distance to Mexican border: 429.7 km

Conditions at FCC monitoring station: Livermore CA
Bearing: 302.6 degrees Distance: 304.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 66.1 degrees Distance: 1259.2 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.