**TV Study Results**

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**Study complete**

**Interference check study for BLANK0000088770 K12PO D3 LD STA \*P TEMECULA, CA**

Study created: 2019.11.18 10:20:37

Study build station data: LMS TV live server

 Proposal: K12PO D3 LD STA \*P TEMECULA, CA

 File number: BLANK0000088770

 Facility ID: 41601

Station data: LMS TV live server

 Record ID: 25076f916e19b16d016e1d96bf7b0261

 Country: U.S.

Build options:

Protect pre-transition records not on baseline channel

Search options:

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX Call Chan Svc Status City, State File Number Distance

No KHIZ-LD D2 LD LIC LOS ANGELES, CA BLDTV20140508AAA 111.0 km

No KYAN-LD D2 LD LIC LOS ANGELES, CA BLANK0000021579 57.4

No KYAN-LD D2 LD CP LOS ANGELES, CA BLANK0000025103 42.8

No K03IL-D D3 LD LIC BULLHEAD CITY, AZ BLDTV20130308AAK 298.2

No KVTU-LD D3 LD LIC AGOURA HILLS, CA BLANK0000008844 157.2

Yes KVTU-LD D3 LD CP AGOURA HILLS, CA BLANK0000082104 155.1

No K03IR-D D3 LD CP BAKERSFIELD, CA BLANK0000059646 236.8

Yes KSGA-LD D3 LD CP Los Angeles, CA BLANK0000052735 110.2

Yes KVHD-LD D3 LD CP LOS ANGELES, CA BLANK0000073717 110.2

No K03EK N3 TX LIC NEWBERRY SPRINGS, CA BLTTV4849 144.5

Yes K03IV-D D3 LD CP PALM SPRINGS, CA BNPDVL20100202AAX 72.7

No NEW D3 LD APP SAN BERNARDINO, CA BMJADVL20100520ADI 109.3

No KAKZ-LD D4 LD LIC CATHEDRAL CITY, CA BLANK0000010641 72.6

Yes KWHY-TV D4 DT LIC LOS ANGELES, CA BLANK0000072085 108.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

 Channel: D3

 Mask: Full Service

 Latitude: 33 35 34.40 N (NAD83)

 Longitude: 117 8 53.90 W

Height AMSL: 553.3 m

 HAAT: 0.0 m

 Peak ERP: 3.00 kW

 Antenna: PSI-PSI/ALD AST.03.01.337 175.0 deg

Elev Pattrn: Generic

43.0 dBu contour:

Azimuth ERP HAAT Distance

 0.0 deg 0.035 kW 102.8 m 21.1 km

 45.0 0.013 82.1 14.8

 90.0 0.122 60.3 22.0

135.0 1.76 146.5 51.1

180.0 2.95 168.4 57.4

225.0 1.26 114.2 43.9

270.0 0.038 82.5 19.3

315.0 0.019 47.8 12.6

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 101 m

Distance to Canadian border: 1710.0 km

\*\*Proposal is within coordination distance of Mexican border

Distance to Mexican border: 115.2 km

Conditions at FCC monitoring station: Livermore CA

Bearing: 319.2 degrees Distance: 619.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 52.1 degrees Distance: 1280.8 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 BLANK0000088770 ----

Proposal receives 13.57% interference from scenario 1

Proposal receives 16.94% interference from scenario 2

No IX check failures found.

**Output Files:**

[log.txt](http://10.155.35.57:8080/tvstudy/out/354b5086-5b38-4cda-ab9d-947332642fd8/IxCheck12495/log.txt)
[tvstudy.txt](http://10.155.35.57:8080/tvstudy/out/354b5086-5b38-4cda-ab9d-947332642fd8/IxCheck12495/tvstudy.txt)
[tvixstudy.txt](http://10.155.35.57:8080/tvstudy/out/354b5086-5b38-4cda-ab9d-947332642fd8/IxCheck12495/tvixstudy.txt)
[tvixcontour.csv](http://10.155.35.57:8080/tvstudy/out/354b5086-5b38-4cda-ab9d-947332642fd8/IxCheck12495/tvixcontour.csv)
[tvixcontour.kml](http://10.155.35.57:8080/tvstudy/out/354b5086-5b38-4cda-ab9d-947332642fd8/IxCheck12495/tvixcontour.kml)
[tvstudy\_settings.txt](http://10.155.35.57:8080/tvstudy/out/354b5086-5b38-4cda-ab9d-947332642fd8/IxCheck12495/tvstudy_settings.txt)

**Study Logs:**