

tvstudy v2.2.2

Database: localhost, Study: kvcr_3.6kw, Model: Longley-Rice

Start: 2017.06.30 10:34:42

Study created: 2017.06.30 10:34:40

Study build station data: LMS TV 2017-06-28 (31)

Proposal: KVCR-DT D5 DT BL SAN BERNARDINO, CA

File number: DTVBL58795

Facility ID: 58795

Station data: User record

Record ID: 1061

Country: U.S.

Non-U.S. records included

No protected stations found.

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D5

Latitude: 33 57 57.30 N (NAD83)

Longitude: 117 17 8.60 W

Height AMSL: 953.9 m

HAAT: 509.7 m

Peak ERP: 3.60 kW

Antenna: Omnidirectional

28.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.60 kW	593.2 m	115.8 km
45.0	3.60	439.2	104.9
90.0	3.60	282.9	96.0
135.0	3.60	456.6	106.1
180.0	3.60	457.1	106.1
225.0	3.60	515.2	110.8
270.0	3.60	689.2	121.2
315.0	3.60	643.9	118.7

Proposal service area is within baseline plus 1.0%

Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1666.6 km

**Proposal is within coordination distance of Mexican border

Distance to Mexican border: 153.9 km

Conditions at FCC monitoring station: Livermore CA

Bearing: 317.4 degrees Distance: 580.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 53.8 degrees Distance: 1265.9 km

Study cell size: 2.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

Interference to proposal, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KVCR-DT	D5	DT	BL	SAN BERNARDINO, CA	DTVBL58795	

Service area		Terrain-limited		IX-free		Percent IX	
38194.2	17,117,892	31671.6	16,299,076	31671.6	16,299,076	0.00	0.00