

TVSTUDY INTERFERENCE ANALYSIS RESULTS
PROPOSED KVSD-LD STA
CHANNEL 15 – SAN DIEGO, CALIFORNIA

Study created: 2020.11.09 21:36:39

Study build station data: LMS TV 2020-10-26

Proposal: KVSD-LD D15 LD STA SAN DIEGO, CA
File number: BLANK0000074685
Facility ID: 14910
Station data: User record
Record ID: 894
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K14SO-D	D14	LD	CP	DESERT CENTER, CA	BNPDTL20100514ACI	123.7 km
No	K14JT	N14	TX	LIC	JOSHUA TREE, ETC., CA	BLTVL19980330JH	153.7
No	K14SQ-D	D14	LD	CP	SAN BERNARDINO, CA	BMJADTL20100524ADD	135.2
Yes	KRPE-LP	D14z	LD	APP	SAN DIEGO, CA	BLANK0000072004	50.7
No	K15IT-D	D15	LD	CP	GOLDEN VALLEY, AZ	BNPDTL20100510ADY	360.6
No	K15CR-D	D15	LD	LIC	LAKE HAVASU CITY, AZ	BLDTT20140530APD	305.2
No	KNXV-TV	D15	DT	APP	PHOENIX, AZ	BLANK0000035696	473.6
No	KNXV-TV	D15	DT	LIC	PHOENIX, AZ	BLCDDT20090619ABX	473.6
No	KYUM-LD	D15	LD	LIC	YUMA, AZ	BLANK0000004396	267.3
No	KTLD-CD	D15	DC	LIC	BAKERSFIELD, CA	BLANK0000001629	296.6
No	K15BZ	N15-	TX	LIC	DAGGETT, CA	BLTT19880307IC	198.1
No	KUNA-LP	D15	LD	CP	INDIO, CA	BDFCDTL20110207ACY	114.9
No	KUNA-LP	N15-	TX	LIC	INDIO, CA	BLTTL20031124AQH	114.9
No	K24LS-D	N15+	TX	LIC	LUCERNE VALLEY, CA	BLTT19880307IE	151.9
No	KFVD-LP	D15	LD	CP	PORTERVILLE, CA	BDFCDTL20100810AAY	384.6
No	K15HJ-D	D15	LD	LIC	RIDGECREST, ETC., CA	BLDTT20090622AAI	267.3
No	KSBY	D15	DT	LIC	SAN LUIS OBISPO, CA	BLCDDT20081118AEW	407.4
No	K15JE-D	D15	LD	CP	SANTA BARBARA, CA	BNPDTL20101018ABH	303.0
No	K15FC-D	D15	LD	LIC	twentynine palms, CA	BLANK0000004552	153.9
No	KVCW	D15	LD	LIC	LAS VEGAS, NV	BLCDDT20131108AKG	357.0
No	KELV-LD	D15	LD	LIC	LAS VEGAS, NV	BLDTL20120215ABO	369.1
No	K16KH-D	D16	LD	CP	LUCERNE VALLEY, CA	BDCCDDT20061030AJR	151.9
No	KDTF-LD	D16	LD	LIC	SAN DIEGO, CA	BLANK0000072854	50.7

No	KDTF-LD	D16	LD	CP	SAN DIEGO, CA	BLANK0000106610	32.1
No	K16LB-D	D16	LD	CP	YUCCA VALLEY, CA	BDCCDTT20120113AEI	153.9
No	KODG-LD	N17z	TX	LIC	PALM SPRINGS, CA	BLTTL20001219ABP	114.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D15
Mask: Simple
Latitude: 33 6 55.00 N (NAD83)
Longitude: 117 9 4.00 W
Height AMSL: 450.2 m
HAAT: 0.0 m
Peak ERP: 0.099 kW
Antenna: SCA-PR-TV-15 (ID 1005117) 125.0 deg
Elev Pattn: Generic

48.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	216.1 m	5.9 km
45.0	0.000	108.5	4.3
90.0	0.000	226.0	6.1
135.0	0.036	270.6	24.5
180.0	0.000	293.0	6.1
225.0	0.000	348.2	7.7
270.0	0.000	328.9	5.2
315.0	0.000	308.4	4.4

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 262 m

Distance to Canadian border: 1761.1 km

**Proposal is within coordination distance of Mexican border

Distance to Mexican border: 63.3 km

Conditions at FCC monitoring station: Livermore CA

Bearing: 322.2 degrees Distance: 660.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 50.3 degrees Distance: 1314.3 km

**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX502 ch. 15, 128.3 km
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX503 ch. 15, 127.9 km
**Proposal fails contour check to land mobile station: LOS ANGELES CA WQJX504 ch. 15
**Proposal fails contour check to land mobile station: LOS ANGELES CA WQJX505 ch. 15
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX506 ch. 15, 114.7 km
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX509 ch. 15, 120.0 km
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX518 ch. 15, 112.2 km
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX528 ch. 15, 116.1 km
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX530 ch. 15, 128.3 km
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX531 ch. 15, 127.9 km
**Proposal fails contour check to land mobile station: LOS ANGELES CA WQJX532 ch. 15
**Proposal fails contour check to land mobile station: LOS ANGELES CA WQJX533 ch. 15
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX534 ch. 15, 114.7 km
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX537 ch. 15, 120.0 km
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX546 ch. 15, 112.2 km
**Proposal fails distance check to land mobile station: LOS ANGELES CA WQJX557 ch. 15, 116.1 km

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.