

Study created: 2020.06.22 07:48:42 Jmc

Study build station data: LMS TV 2020-06-22

Proposal: KLDF-CD D17+ DC LIC LOMPOC, CA  
File number: BLANK0000001615  
Facility ID: 41126  
Station data: User record  
Record ID: 904  
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KSEE	D16	DT	BL	FRESNO, CA	DTVBL35594	274.7 km
No	K17JI-D	D17	DC	CP	FRESNO, CA	BLANK00000059578	246.2
No	K17JI-D	D17	DC	LIC	FRESNO, CA	BLDTA20130205AAH	246.2
Yes	K17GD-D	D17	DC	LIC	PASO ROBLES, CA	BLANK0000001602	103.9
No	KNSD	D17	DT	LIC	SAN DIEGO, CA	BLANK00000068597	396.2
Yes	KSBB-CD	D17	DC	LIC	SANTA BARBARA, CA	BLANK00000078274	77.0
No	KSCI	D18	DD	APP	LONG BEACH, CA	BLANK00000036118	226.3
No	KSCI	D18	DT	LIC	LONG BEACH, CA	BLANK00000055430	226.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D17+  
Mask: Full Service  
Latitude: 34 44 30.00 N (NAD83)  
Longitude: 120 26 49.30 W  
Height AMSL: 387.4 m  
HAAT: 0.0 m  
Peak ERP: 15.0 kW  
Antenna: Omnidirectional  
Elev Pattnr: Generic  
Elec Tilt: 0.50

49.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	248.2 m	54.8 km
45.0	15.0	140.7	48.3
90.0	15.0	164.4	49.9
135.0	15.0	222.1	53.3
180.0	15.0	288.9	57.2
225.0	15.0	321.9	59.0
270.0	15.0	272.0	56.2
315.0	15.0	252.7	55.1

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 239 m

Distance to Canadian border: 1520.3 km

Distance to Mexican border: 365.1 km

Conditions at FCC monitoring station: Livermore CA

Bearing: 340.9 degrees    Distance: 351.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 61.5 degrees    Distance: 1465.6 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: 0.10 km

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

Maximum new IX to LPTV: 2.00%

No IX check failures found.