

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: SanAnt6d3kwCL26at310F, Model: Longley-Rice

Start: 2021.10.08 12:49:51

Study created: 2021.10.08 12:49:50

Study build station data: LMS TV 2021-10-08

Proposal: KFLZ-LP D6- LD APP SAN ANTONIO, TX

Facility ID: 40782

Station data: User record

Record ID: 457

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
Yes	KCWX	D5	DT	LIC	FREDERICKSBURG, TX	BLANK0000076949	90.0 km
No	KIPS-LD	D6	LD	APP	BEAUMONT, TX	BLANK0000013791	377.2
No	KIPS-LD	D6	LD	APP	BEAUMONT, TX	BPDVL20140113ADK	417.4
No	KCVH-LD	D6	LD	CP	HOUSTON, TX	BLANK0000054556	276.0
No	NEW	D6	LD	APP	LAREDO, TX	BNPDVL20090825ARV	242.5
No	NEW	D6	LD	APP	LAREDO, TX	BNPDVL20090825BDW	233.7
No	KRGT-LP	N6z	TX	LIC	RIO GRANDE CITY, TX	BLTVL20000202ABD	332.8

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:

KEDA 1540 L DA2 D SAN ANTONIO, TX BL19810814AA

KEDA 1540 L DA2 N SAN ANTONIO, TX BL19810814AA

Record parameters as studied:

Channel: D6-

Mask: Full Service

Latitude: 29 21 31.00 N (NAD83)  
Longitude: 98 21 8.00 W  
Height AMSL: 213.0 m  
HAAT: 0.0 m  
Peak ERP: 3.00 kW  
Antenna: SCA-CL-26 (ID 80646) 310.0 deg  
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.261 kW	-1.3 m	19.2 km
45.0	0.000	31.5	4.0
90.0	0.000	42.5	5.1
135.0	0.006	50.4	9.9
180.0	0.000	59.4	5.0
225.0	0.001	50.3	6.4
270.0	0.635	29.7	23.4
315.0	2.82	14.0	30.9

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 35 m

Distance to Canadian border: 1953.5 km

\*\*Proposal is within coordination distance of Mexican border  
Distance to Mexican border: 215.1 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 167.8 degrees    Distance: 217.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 334.2 degrees    Distance: 1349.6 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%

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Interference to BLANK0000076949 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KCWX	D5	DT	LIC	FREDERICKSBURG, TX	BLANK0000076949	
Undesireds:	KFLZ-LP	N6-	TX	LIC	SAN ANTONIO, TX	BLTVA20110926ADV	77.9 km
	KFLZ-LP	D6-	LD	APP	SAN ANTONIO, TX		90.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
53750.7	4,100,797	52882.9	4,087,280	52882.9	4,087,280	52871.8 4,083,210	0.02 0.10
Undesired		Total IX		Unique IX, before		Unique IX, after	
KFLZ-LP N6-	TX LIC	0.0	0	0.0	0		
KFLZ-LP D6-	LD APP	11.1	4,070			11.1 4,070	

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Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KFLZ-LP	D6-	LD	APP	SAN ANTONIO, TX		
Service area		Terrain-limited		IX-free		Percent IX	
812.7	938,000	812.7	938,000	812.7	938,000	0.00 0.00	