

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Living2d3kwDirTT, Model: Longley-Rice

Start: 2019.08.05 13:37:15

Study created: 2019.08.05 13:37:15

Study build station data: LMS TV 2019-08-05

Proposal: KLNK-LD D2 LD APP LIVINGSTON, TX

Facility ID: 125128

Station data: User record

Record ID: 1187

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	K02QB	N2-	TX	LIC	ALEXANDRIA, LA	BLTVL20080125ADH	258.5 km
No	K02RA-D	D2	LD	CP	BEAUMONT, TX	BLANK0000071735	107.8
No	KSFW-LD	D2	LD	LIC	DALLAS, TX	BLANK0000001483	284.8
No	K48NY-D	D2	LD	APP	GAINESVILLE, TX	BLANK0000054277	323.8
No	KNCD-LP	N2z	TX	LIC	Lufkin, TX	BLTVL19930430IA	118.1
No	K03IJ-D	D3	LD	CP	COLLEGE STATION, TX	BNPDVL20091020AAI	124.4
No	KZHO-LD	D3	LD	CP	HOUSTON, TX	BLANK0000054252	99.7
No	K03IT-D	D3	LD	CP	ORANGE, TX	BNPDVL20100611AAA	142.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D2  
Mask: Stringent  
Latitude: 30 36 45.90 N (NAD83)  
Longitude: 95 2 28.60 W  
Height AMSL: 108.0 m  
HAAT: 0.0 m  
Peak ERP: 3.00 kW  
Antenna: SCA-CA2 (ID 89783) 210.0 deg  
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.143 kW	64.8 m	23.4 km
45.0	0.182	64.8	24.7
90.0	0.028	64.4	15.6
135.0	0.053	80.4	20.6
180.0	1.96	52.4	35.7
225.0	2.69	23.2	30.6
270.0	0.357	37.0	22.4
315.0	0.012	68.0	13.2

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 57 m

Distance to Canadian border: 1644.6 km

Distance to Mexican border: 547.4 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 218.8 degrees    Distance: 447.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
 Bearing: 321.7 degrees    Distance: 1400.9 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 proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KLNK-LD	D2	LD	APP	LIVINGSTON, TX		
Undesireds:	K02RA-D	D2	LD	CP	BEAUMONT, TX	BLANK0000071735	107.8 km
	Service area			Terrain-limited		IX-free	Percent IX
	1820.8    59,793			1820.8    59,793	1819.8	59,793	0.05    0.00
Undesired				Total IX		Unique IX	Prcnt Unique IX
K02RA-D D2 LD CP			1.0	0	1.0	0	0.05    0.00