

tvstudy v2.2.5 (4uoc83)  
Database: localhost, Study: Victoria4d1kwincSam137at135fA1, Model: Longley-Rice  
Start: 2022.05.13 09:33:45

Study created: 2022.05.13 09:33:45

Study build station data: LMS TV 2022-05-11

Proposal: K04SD-D D4 LD LIC VICTORIA, TX  
Facility ID: 186474  
Station data: User record  
Record ID: 2082  
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	K03IJ-D	D3	LD	CP	COLLEGE STATION, TX	BLANK0000184634	194.7 km
No	KLAO-LD	D3	LD	LIC	CORPUS CHRISTI, TX	BLDVL20121227AEF	155.0
No	KLAO-LD	D3	LD	CP	CORPUS CHRISTI, TX	BDISDVL20110901AAA	155.0
No	KZHO-LD	D3	LD	LIC	HOUSTON, TX	BLANK0000158409	212.4
No	K03JE-D	D3	LD	LIC	VICTORIA, TX	BLANK0000158504	44.4
No	KWDA-LD	D4	LD	CP	DALLAS, TX	BLANK0000124608	380.5
No	KHFW-LD	D4	LD	CP	DALLAS, TX	BPDVL20130222ADL	403.7
No	KVFW-LD	D4	LD	APP	FORT WORTH, TX	BLANK0000189944	380.5
No	KXDO-LD	D4	LD	CP	LAREDO, TX	BMJADVL20100517AAV	274.0
No	KAHO-LD	D4	LD	LIC	WOODVILLE, TX	BLANK0000005451	213.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D4  
Mask: Full Service  
Latitude: 29 11 34.00 N (NAD83)  
Longitude: 97 27 52.00 W

Height AMSL: 89.9 m (Adjusted based on actual ground elevation calculation)  
HAAT: 0.0 m  
Peak ERP: 1.00 kW  
Antenna: SAMCO-SAM-137 (ID 1009391) 135.0 deg  
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.009 kW	19.4 m	8.3 km
45.0	0.000	0.4	4.6
90.0	0.226	20.3	18.5
135.0	1.00	17.7	25.6
180.0	0.226	-2.2	18.5
225.0	0.000	-22.2	4.6
270.0	0.009	-8.6	8.3
315.0	0.020	9.9	10.2

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m    Computed HAAT: 4 m

Distance to Canadian border: 1912.7 km

\*\*Proposal is within coordination distance of Mexican border  
Distance to Mexican border: 269.0 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 192.0 degrees    Distance: 198.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 331.8 degrees    Distance: 1405.0 km

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%

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 Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K04SD-D	D4	LD	LIC	VICTORIA, TX		

Undesireds:	KAHO-LD	D4	LD	LIC	WOODVILLE, TX	BLANK0000005451	213.9 km
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	Service area		Terrain-limited		IX-free		Percent IX
615.7	9,964	599.5	9,943	598.4	9,943	0.17	0.00

Undesired			Total IX		Unique IX	Prcnt Unique IX	
KAHO-LD D4 LD LIC		1.0	0	1.0	0	0.17	0.00