

Study created: 2019.04.17 10:58:25

Study build station data: LMS TV 2019-04-16 #29

Proposal: KCB0-LD D49 LD LIC CORPUS CHRISTI, TX
File number: BLANK0000068176
Facility ID: 68452
Station data: User record
Record ID: 46
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	KYDF-LP	N34+	TX	LIC	CORPUS CHRISTI, TX	BLTTTL20071003AAH	6.5 km
No	KHCC-LP	N35z	TX	LIC	CORPUS CHRISTI, TX	BLTTTL19990503JG	1.9
No	KVCV-LP	N42z	TX	LIC	VICTORIA, TX	BLTTTL20070511ABY	123.9
No	KXCC-LP	N45+	TX	LIC	CORPUS CHRISTI, TX	BLTTTL19931126JE	5.9
No	KTMD	D48	DT	LIC	GALVESTON, TX	BLCDT20040325AEO	275.3
No	WOAI-TV	D48	DT	LIC	SAN ANTONIO, TX	BLCDT20090731ADF	184.8
No	KVCV-LD	D48	LD	LIC	VICTORIA, TX	BLANK0000004468	150.7
No	NEW	D48	LD	APP	PRICE, UT	BMJADTL20100517AAZ	175.5
No	KNVA	D49	DT	LIC	AUSTIN, TX	BLCDT20080808ACP	286.2
No	K49LC-D	D49	LD	LIC	COLLEGE STATION, TX	BLANK00000022100	337.3
No	KEHO-LD	D49	LD	LIC	HOUSTON, TX	BLANK00000019037	312.3
No	KNVO	D49	DT	LIC	MCALLEN, TX	BLCDT20060626ABJ	196.5
No	KMAO-LP	D50	LD	APP	RAYMONDVILLE, TX	BDFCDTL20111027AEB	178.3
No	KMAO-LP	N50	TX	LIC	RAYMONDVILLE, TX	BLTTTL19980722JG	148.1
No	K50NC-D	D50	LD	CP	VICTORIA, TX	BNPDTL20100510AKK	138.7

No non-directional AM stations found within 0.8 km

Directional AM stations within 3.2 km:
KEYS 1440 L DAN D CORPUS CHRISTI, TX BL
KEYS 1440 L DAN N CORPUS CHRISTI, TX BL

Record parameters as studied:

Channel: D49
Mask: Full Service
Latitude: 27 46 11.00 N (NAD83)
Longitude: 97 26 56.00 W
Height AMSL: 110.2 m
HAAT: 0.0 m
Peak ERP: 2.00 kW
Antenna: SWR-SWLP80I (ID 24202) 320.0 deg
Elev Pattnr: Generic

51.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.66 kW	103.3 m	30.9 km
45.0	0.938	108.3	28.4
90.0	0.720	107.9	27.0
135.0	0.898	102.9	27.7
180.0	0.769	102.3	26.8
225.0	0.832	98.9	26.8

270.0	1.51	95.9	29.6
315.0	2.00	104.2	32.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 103 m

Distance to Canadian border: 2037.5 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 193.2 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 229.7 degrees Distance: 56.2 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 334.5 degrees Distance: 1546.9 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%

No IX check failures found.