

Study created: 2019.10.18 15:56:52 JMc

Study build station data: LMS TV 2019-10-18

Proposal: KSAA-LP D10 LD CP SAN ANTONIO, TX
File number: BLANK0000051684
Facility ID: 20566
Station data: User record
Record ID: 384
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	K09YZ-D	D9	DC	LIC	BEEVILLE-REFUGIO, TX	BLANK0000004495	154.3 km
No	KLRN	D9	DT	LIC	SAN ANTONIO, TX	BLEDT20120516AAX	19.4
No	KCEN-TV	D9	DT	LIC	TEMPLE, TX	BLCDDT20021010AAB	238.0
No	K10QL-D	D10	LD	CP	ABILENE, TX	BPDVL20140626ABB	353.7
No	K10QL-D	D10	LD	LIC	ABILENE, TX	BLDVL20140224ACE	353.7
Yes	KZTV	D10	DT	LIC	CORPUS CHRISTI, TX	BLCDDT20100111ADU	210.7
No	KHPK-LD	D10	LD	LIC	DE SOTO, TX	BLANK0000029265	379.2
No	KHLM-LD	D10	LD	CP	HOUSTON, TX	BLANK0000052395	290.2
No	KXNU-LD	D10	LD	LIC	LAREDO, TX	BLANK0000064360	234.5
No	KXNU-LD	D10	LD	CP	LAREDO, TX	BLANK0000080602	226.8
No	KUVM-LD	D10	LD	APP	MISSOURI CITY, TX	BLANK0000067872	290.2
No	K10PL-D	D10	LD	LIC	VICTORIA, TX	BLANK0000001129	124.2
Yes	KWTX-TV	D10	DT	LIC	WACO, TX	BLCDDT20110822AEA	238.1
No	KQUX-LP	D11	LD	CP	AUSTIN, TX	BDFCDVA20090723AEL	118.9
No	KQUX-LP	N11z	TX	LIC	AUSTIN, TX	BLTVA20060613AAL	118.9
No	KSPG-LP	N11	TX	LIC	CARRIZO SPRINGS, TX	BLTVL20001013ACD	170.9
No	KWTC-LD	N11-	TX	LIC	KERRVILLE, TX	BLTVL20000428ABN	92.0
No	KLST	D11	DT	LIC	SAN ANGELO, TX	BLCDDT20090316ABJ	260.0
No	KMHZ-LP	D11z	LD	CP	SAN ANTONIO, TX	BLANK0000004533	0.0
No	KMHZ-LP	N11z	TX	LIC	SAN ANTONIO, TX	BLTVL20060609ACP	0.0
No	KVCT	D11	DT	APP	VICTORIA, TX	BPCDDT20120105ABP	149.5
No	KVCT	D11	DT	LIC	VICTORIA, TX	BLCDDT20120104AAJ	149.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D10
Mask: Full Service
Latitude: 29 26 29.90 N (NAD83)
Longitude: 98 30 22.80 W
Height AMSL: 327.2 m
HAAT: 0.0 m
Peak ERP: 2.50 kW
Antenna: PSIVLP60I-10 250.0 deg
Elev Pattn: Generic
Elec Tilt: 0.75

48.0 dBu contour:
Azimuth ERP HAAT Distance

0.0 deg	0.930 kW	76.8 m	33.7 km
45.0	1.06	99.1	38.4
90.0	1.09	118.9	41.4
135.0	0.915	134.6	42.0
180.0	1.44	141.0	46.1
225.0	2.33	120.1	46.9
270.0	2.40	100.2	44.2
315.0	1.56	59.3	33.5

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 106 m

Distance to Canadian border: 1956.2 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 206.3 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 164.5 degrees Distance: 230.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 334.5 degrees Distance: 1334.8 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.