Study created: 2019.11.08 19:11:29 JMc

Study build station data: LMS TV 2019-11-08

```
    Proposal: KSSJ-LD D33 LD STA SAN ANTONIO, TX
 File number: BLANK0000051645
 Facility ID: 67304
Station data: User record
   Record ID: 463
     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	K29HW-D	D32	LD	CP	AUSTIN, TX	BLANK0000054145	119.5 km
No	K29IP-D	D32	LD	CP	CORPUS CHRISTI, TX	BLANK0000053769	210.4
No	KMYS	D32	DT	LIC	KERRVILLE, TX	BLCDT20060608ACW	41.8
No	K32LC-D	D32	LD	CP	VICTORIA, TX	BNPDTL20100510AKI	147.7
No	K33KX-D	D33	LD	CP	ABILENE, TX	BLANK0000059638	334.1
Yes	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	119.0
No	KCWO-TV	D33	DT	LIC	BIG SPRING, TX	BLCDT20090818AAN	425.3
No	KTBU	D33	DT	LIC	CONROE, TX	BLANK0000072275	290.2
No	NEW	D33	LD	APP	CORPUS CHRISTI, TX	BNPDTL20090825ALB	210.4
No	KUVN-DT	D33	DT	LIC	GARLAND, TX	BLANK0000074930	379.2
No	K33LH-D	D33	LD	CP	RANGER, TX	BNPDTL20100304ABA	331.7
No	K33QH-D	D33	LD	CP	SAN ANGELO, TX	BMJADTL20100521ACB	130.5
No	KQZY-LP	D33	LD	LIC	VICTORIA, TX	BLANK0000001557	149.5
No	K34FM-D	D34	LD	APP	AUSTIN, TX	BLANK0000087855	119.2
No	K34FM-D	D34	LD	LIC	AUSTIN, TX	BLANK0000005051	119.2
No	KEYE-TV	D34	DT	LIC	AUSTIN, TX	BLANK0000075005	119.0
No	K34FM-D	N34-	TX	LIC	AUSTIN, TX	BLTT20061002BGB	119.2
No	KYDF-LP	D34+	LD	CP	CORPUS CHRISTI, TX	BLANK0000068272	210.4
No	NEW	D34	LD	APP	JUNCTION, TX	BNPDTL20100406ABR	164.1
No	K34HW	N34-	TX	LIC	MASON, TX	BLTTL20070507AEV	168.0
No	KCOR-CD	D34	DC	LIC	SAN ANTONIO, TX	BLANK0000001656	2.0
No	KVTX-LP	D34	LD	CP	VICTORIA, TX	BLANK0000052675	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: D33
       Mask: Full Service
   Latitude:  29 26 29.90 N (NAD83)
  Longitude:  98 30 22.80 W
Height AMSL: 336.2 m
       HAAT: 0.0 m
   Peak ERP: 0.005 kW
    Antenna: SWR OI 200.0 deg
Elev Pattrn: Generic
  Elec Tilt: 0.50
```

50.6 dBu contour:

Azimuth	ERP	HAAT	Distance

0.0 deg	0.002 kW	85.8 m	6.5 km
45.0	0.002	108.1	7.2
90.0	0.002	127.9	7.6
135.0	0.003	143.6	9.0
180.0	0.005	150.0	10.1
225.0	0.005	129.1	9.3
270.0	0.003	109.2	7.8
315.0	0.002	68.3	5.6

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 115 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: 0.10 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

---- Below is IX received by proposal BLANK0000051645 ----

Proposal receives 28.87% interference from scenario 1
No IX check failures found.