

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: McAllen11d3kwF, Model: Longley-Rice

Start: 2021.01.07 08:40:13

Study created: 2021.01.07 08:40:13

Study build station data: LMS TV 2021-01-06

Proposal: KJST-LP D11 LD APP MCALLEN, TX

Facility ID: 40123

Station data: User record

Record ID: 1735

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	KZTV	D10	DT	LIC	CORPUS CHRISTI, TX	BLCDT20100111ADU	171.8 km
No	KSPG-LP	N11	TX	LIC	CARRIZO SPRINGS, TX	BLTVL20001013ACD	296.9
No	KHOU	D11	DT	LIC	HOUSTON, TX	BLCDT20120620ACK	454.7
No	DDKMHZ-LP	D11z	LD	APP	SAN ANTONIO, TX	BLANK0000004533	355.0
No	KVCT	D11	DT	CP	VICTORIA, TX	BPCDT20120105ABP	307.6
No	KVCT	D11	DT	LIC	VICTORIA, TX	BLCDT20120104AAJ	307.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D11

Mask: Full Service

Latitude: 26 15 25.30 N (NAD83)

Longitude: 98 13 54.50 W

Height AMSL: 123.3 m

HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.25

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.00 kW	87.6 m	43.5 km
45.0	3.00	94.8	44.8
90.0	3.00	93.9	44.7
135.0	3.00	91.0	44.2
180.0	3.00	91.5	44.3
225.0	3.00	88.5	43.7
270.0	3.00	74.7	41.0
315.0	3.00	74.7	41.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 87 m

Distance to Canadian border: 2219.5 km

**Proposal is within coordination distance of Mexican border
Distance to Mexican border: 14.5 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 14.6 degrees Distance: 136.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 339.0 degrees Distance: 1670.9 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%

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KJST-LP	D11	LD	APP	MCALLEN, TX		
Undesireds:	KVCT	D11	DT	CP	VICTORIA, TX	BPCDT20120105ABP	307.6 km
	Service area		Terrain-limited		IX-free	Percent IX	
	4174.2	800,231	4174.2	800,231	4174.2	800,231	0.00 0.00
	1765.1	727,254	1752.2	727,239	1752.2	727,239	0.00 0.00 (in Mexico)