

Study created: 2018.04.10 09:21:47

Study build station data: LMS TV 2018-04-10 (78)

Proposal: K14NR-D D19 LD LIC TYLER, TX
File number: BLDTL20140218AHN
Facility ID: 182720
Station data: User record
Record ID: 263
Country: U.S.

Build options:
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	
KTVT	D19	DT	LIC	FORT WORTH, TX	BLCDT20121115ABM	163.6
Distance km						

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D19
Mask: Full Service
Latitude: 32 19 21.20 N (NAD83)
Longitude: 95 14 7.10 W
Height AMSL: 199.8 m
HAAT: 0.0 m
Peak ERP: 5.00 kW
Antenna: SBP-SBPUP-2-C (ID 95419) 0.0 deg
Elev Pattrn: Generic
Elec Tilt: 0.50

49.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	1.49 kW	55.3 m	26.9 km
45.0	0.007	72.7	8.5
90.0	0.000	56.4	3.9
135.0	0.000	63.6	4.8
180.0	0.925	49.3	23.3
225.0	4.98	39.4	28.7
270.0	4.29	42.9	29.0
315.0	4.56	51.0	31.4

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 54 m

Distance to Canadian border: 1509.7 km

Distance to Mexican border: 631.1 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 205.9 degrees Distance: 599.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 316.9 degrees Distance: 1244.7 km

No land mobile station failures found

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%

Proposal receives 13.56% interference from scenario 1
Proposal receives 13.56% interference from scenario 2
No IX check failures found.