

Study created: 2018.03.13 16:28:55

Study build station data: LMS TV 2018-03-12 (59)

Proposal: K49HT D12 LD APP ABILENE, TX
File number: BLTTL20070309AAE
Facility ID: 130407
Station data: User record
Record ID: 150
Country: U.S.

Build options:
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	
Distance						
KAMU-TV	D12	DT	LIC	COLLEGE STATION, TX	BLEDT20030319AFB	253.6
km						
KSAT-TV	D12	DT	APP	SAN ANTONIO, TX	BLANK0000035781	295.9
KSAT-TV	D12	DT	LIC	SAN ANTONIO, TX	BLCDT20121102ABH	295.9
KXII	D12	DT	LIC	SHERMAN, TX	BLCDT20090226ACF	285.6
KAKW-DT	D13	DT	LIC	KILLEEN, TX	BLCDT20120625ABA	142.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D12
Mask: Stringent
Latitude: 31 55 13.80 N (NAD83)
Longitude: 98 32 42.00 W
Height AMSL: 482.0 m
HAAT: 0.0 m
Peak ERP: 3.00 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 0.50

48.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.00 kW	109.6 m	47.2 km
45.0	3.00	108.5	47.1
90.0	3.00	113.9	47.8
135.0	3.00	108.4	47.0
180.0	3.00	60.9	38.1
225.0	3.00	32.5	29.6
270.0	3.00	38.5	31.5
315.0	3.00	83.2	42.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 82 m

Distance to Canadian border: 1759.8 km

Distance to Mexican border: 362.4 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 172.5 degrees Distance: 501.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 328.5 degrees Distance: 1090.5 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.