

Study created: 2020.06.23 15:08:02 JMc

Study build station data: LMS TV 2020-06-23

Proposal: KGBS-CD D19 DC LIC AUSTIN, TX
File number: BLDLTL20141118ARA
Facility ID: 38562
Station data: User record
Record ID: 918
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	KNIC-DT	D18	DT	LIC	BLANCO, TX	BLCDT20091019ADG	97.3 km
No	KTXA	D18	DT	LIC	FORT WORTH, TX	BLANK0000091060	259.8
No	KSCC	D19	DT	LIC	CORPUS CHRISTI, TX	BLANK00000108393	285.2
Yes	KTVT	D19	DT	LIC	FORT WORTH, TX	BLCDT20121115ABM	259.8
Yes	KTXH	D19	DT	APP	HOUSTON, TX	BLANK0000035783	237.2
Yes	KTXH	D19	DT	LIC	HOUSTON, TX	BLCDT20090804ABC	236.2
No	KLDO-TV	D19	DT	LIC	LAREDO, TX	BLCDT20110421ABF	343.4
No	KIDY	D19	DT	LIC	SAN ANGELO, TX	BLCDT20110520ADN	294.8
No	KHPM-CD	D20	DC	LIC	SAN MARCOS, TX	BLANK0000074893	49.7
No	KAVU-TV	D20	DT	LIC	VICTORIA, TX	BLANK00000112500	176.4

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: 30 19 10.70 N (NAD83)
Longitude: 97 48 7.00 W
Height AMSL: 423.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.00

49.3 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	168.1 m	49.9 km
45.0	15.0	193.2	51.4
90.0	15.0	233.2	53.7
135.0	15.0	271.4	55.9
180.0	15.0	216.1	52.7
225.0	15.0	149.1	48.7
270.0	15.0	170.3	50.1
315.0	15.0	200.9	51.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 200 m

Distance to Canadian border: 1838.1 km

Distance to Mexican border: 308.6 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 181.4 degrees Distance: 320.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 330.3 degrees Distance: 1279.7 km

No land mobile station failures found

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%

No IX check failures found.