

Study created: 2023.07.15 10:41:18 JMc

Study build station data: LMS TV 2023-07-15

Proposal: KVAW D18 DT APP EAGLE PASS, TX  
File number: BLANK0000204967  
Facility ID: 32621  
Station data: User record  
Record ID: 1562  
Country: U.S.  
Zone: II

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	KNIC-DT	D18	DT	LIC	BLANCO, TX	BLCDT20091019ADG	219.0 km
No	KGBT-TV	D18	DT	LIC	HARLINGEN, TX	BLANK0000130195	388.0
No	KUPB	D18	DT	LIC	MIDLAND, TX	BLCDT20090615ABW	398.3
No	KLDO-TV	D19	DT	LIC	LAREDO, TX	BLCDT20110421ABF	145.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D18  
Latitude: 28 43 33.00 N (NAD83)  
Longitude: 100 28 36.00 W  
Height AMSL: 320.0 m  
HAAT: 84.7 m  
Peak ERP: 50.0 kW  
Antenna: PSI-PSILP160I-18 (ID 1010296) 90.0 deg  
Elev Pattnr: Generic  
Elec Tilt: 0.50

39.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	22.6 kW	70.6 m	53.4 km
45.0	40.4	59.4	54.1
90.0	50.0	58.0	54.7
135.0	39.6	79.8	57.3
180.0	22.0	86.2	55.6
225.0	18.8	85.3	54.8
270.0	22.7	66.5	52.8
315.0	18.7	97.5	56.3

Database HAAT does not agree with computed HAAT  
Database HAAT: 85 m    Computed HAAT: 75 m

Distance to Canadian border: 2143.0 km

\*\*Proposal is within coordination distance of Mexican border  
Distance to Mexican border: 3.0 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 118.7 degrees    Distance: 291.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 342.3 degrees    Distance: 1338.4 km

No land mobile station failures found

Study cell size: 2.00 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.