

Study created: 2018.03.17 16:42:22

Study build station data: LMS TV 2018-03-16 (63)

Proposal: K45HY D21 LD CP LAKE CHARLES, LA  
File number: BDFCDTL20090824AAZ  
Facility ID: 125172  
Station data: User record  
Record ID: 183  
Country: U.S.

Build options:  
Protect records not on baseline channel

No protected stations found.

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D21  
Mask: Full Service  
Latitude: 30 16 46.30 N (NAD83)  
Longitude: 93 14 45.40 W  
Height AMSL: 96.4 m  
HAAT: 0.0 m  
Peak ERP: 10.0 kW  
Antenna: RYM-RYSUP24DR 0.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.50

49.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.001 kW	89.9 m	5.7 km
45.0	0.005	89.0	8.4
90.0	1.11	93.3	30.6
135.0	9.00	93.1	41.1
180.0	4.83	93.7	38.1
225.0	0.045	92.8	14.7
270.0	0.001	91.1	5.8
315.0	0.001	90.7	5.8

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 92 m

Distance to Canadian border: 1576.6 km

Distance to Mexican border: 599.0 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 236.2 degrees Distance: 550.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 318.5 degrees Distance: 1539.8 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 2.85% interference from scenario 1

No IX check failures found.