

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 Pattnr: 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.