

Study created: 2020.10.29 16:44:26 JMc

Study build station data: LMS TV 2020-10-29

Proposal: K45HY D21+ LD CP LAKE CHARLES, LA
File number: BLANK0000052523
Facility ID: 125172
Station data: User record
Record ID: 1123
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KZUP-CD	D20	DC	LIC	BATON ROUGE, LA	BLDTA20100308ABT	189.0 km
No	KLTL-TV	D20	DT	LIC	LAKE CHARLES, LA	BLEDT20100216ABR	26.8
No	K200M-D	D20	LD	CP	BEAUMONT, TX	BLANK0000072140	74.2
No	KFXK-TV	D20	DT	LIC	LONGVIEW, TX	BLANK0000071623	273.3
No	KCIB-LD	D21	LD	LIC	EL DORADO, AR	BLDTL20120423AAH	329.7
No	K02QB	D21	LD	CP	ALEXANDRIA, LA	BDISDTL20090824AGJ	130.1
No	WBRL-CD	D21	DC	LIC	BATON ROUGE, LA	BLDTA20100908AAP	189.0
Yes	K210M-D	D21	LD	LIC	LAFAYETTE, LA	BLANK0000105971	85.4
No	WHNO	D21	DT	LIC	NEW ORLEANS, LA	BLCDT20050413AAK	312.3
No	K210Z-D	D21-	LD	LIC	Shreveport, LA	BLANK0000121631	320.6
No	WAPT	D21	DT	LIC	JACKSON, MS	BLCDT20081126ALZ	357.7
No	KXAN-TV	D21	DT	LIC	AUSTIN, TX	BLANK0000121393	437.0
No	KDTX-TV	D21	DT	LIC	DALLAS, TX	BLANK0000075181	436.6
No	KZJL	D21	DT	LIC	HOUSTON, TX	BLANK0000072328	232.2
No	KVQT-LD	D21	LD	LIC	HOUSTON, TX	BLDTL20100319AAW	231.9
No	KHTX-LD	D21	LD	LIC	HUNTSVILLE, TX	BLANK0000014078	218.7
No	K22GT	N22z	TX	LIC	LAKE CHARLES, LA	BLTTL20060103ABZ	29.9
No	K22NI-D	D22	LD	LIC	LEESVILLE, LA	BLANK0000064144	106.3
No	KWBJ-CD	D22	DC	LIC	MORGAN CITY, LA	BLDTA20090512AAZ	206.0
No	KDCG-CD	D22	DC	LIC	OPELOUSAS, LA	BLDTA20140813AAQ	123.3
No	K22IB-D	D22	LD	CP	VIDALIA, LA	BDCCDTT20061024AFE	225.8
No	KMCT-TV	D22	DT	LIC	WEST MONROE, LA	BLANK0000063151	268.5
No	KUMY-LD	D22	LD	LIC	BEAUMONT, TX	BLDTL20120308ACH	85.0
No	KTMD	D22	DT	LIC	GALVESTON, TX	BLANK0000073375	231.9

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: 95.5 m
HAAT: 0.0 m
Peak ERP: 10.0 kW
Antenna: PSI 0I Slot 143.0 deg
Elev Pattn: Generic
Elec Tilt: 0.50

49.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.44 kW	89.0 m	37.1 km
45.0	4.46	88.1	37.0
90.0	7.43	92.4	40.1
135.0	9.92	92.2	41.5
180.0	8.62	92.8	40.9
225.0	5.25	91.9	38.3
270.0	4.15	90.2	36.9
315.0	4.98	89.8	37.8

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 91 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%

No IX check failures found.