

Study created: 2020.07.02 12:02:23 JMc

Study build station data: LMS TV 2020-07-02

Proposal: KUGB-CD D28 DC LIC HOUSTON, TX
File number: BLDTA20120801ALF
Facility ID: 66790
Station data: User record
Record ID: 1011
Country: U.S.

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	KBTB-TV	D27	DT	LIC	PORT ARTHUR, TX	BLANK00000063140	160.7 km
No	KATC	D28	DT	LIC	LAFAYETTE, LA	BLCDT20071109AAV	321.2
No	KTBS-TV	D28	DT	LIC	SHREVEPORT, LA	BLANK00000053971	377.3
No	KLEG-CD	D28	DC	CP	DALLAS, TX	BLANK00000028671	377.3
No	KLEG-CD	D28	DC	LIC	DALLAS, TX	BLANK00000080460	377.3
No	KYVV-TV	D28	DT	APP	DEL RIO, TX	BMPCDT20080618ACC	428.7
No	KCEB	D28	DT	LIC	LONGVIEW, TX	BLANK00000080719	377.3
Yes	WOAI-TV	D28	DT	LIC	SAN ANTONIO, TX	BLANK00000074998	268.8
Yes	KWKT-TV	D28	DT	CP	WACO, TX	BLANK00000034740	260.5
No	KWKT-TV	D28	DT	BL	WACO, TX	DTVBL12522	260.5
Yes	KITU-TV	D29	DT	LIC	BEAUMONT, TX	BLANK00000063643	168.6
No	KYLE-TV	D29	DT	CP	BRYAN, TX	BLANK00000063109	152.1
No	KYLE-TV	D29	DT	BL	BRYAN, TX	DTVBL60384	152.3
No	KENS	D29	DT	LIC	SAN ANTONIO, TX	BLANK00000074877	268.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28
Mask: Stringent
Latitude: 29 34 16.00 N (NAD83)
Longitude: 95 30 38.00 W
Height AMSL: 506.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.25

50.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	486.3 m	65.2 km
45.0	15.0	488.5	65.2
90.0	15.0	487.8	65.2
135.0	15.0	486.6	65.2
180.0	15.0	487.8	65.2
225.0	15.0	487.5	65.2
270.0	15.0	485.4	65.2
315.0	15.0	481.4	65.0

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 486 m

Distance to Canadian border: 1764.5 km

Distance to Mexican border: 423.2 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 225.0 degrees Distance: 331.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 325.6 degrees Distance: 1467.5 km

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.