



**Kessler and Gehman Associates**  
Consultants • Broadcast • Wireless

Study created: 2020.06.26 14:15:26

Study build station data: LMS TV 2020-06-26

Proposal: KWKT-TV D44 DT STA WACO, TX

File number: BLANK0000113896

Facility ID: 12522

Station data: User record

Record ID: 2456

Country: U.S.

Zone: II

Search options:

Non-U.S. records included

Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	KWRW-LP	N44+	TX	LIC	ARDMORE, OK	BLTT19900823II	347.6 km
No	KVHP-LD	D44	LD	LIC	JASPER, TX	BLDTL20091022ABR	319.6
No	KIDT-LD	D44	LD	LIC	STAMFORD, TX	BLDTT20110428AAL	314.5
No	K44LV-D	D44	LD	CP	VICTORIA, TX	BNPDTL20100510AKJ	261.2
No	K44KY-D	D44	LD	CP	WESTBROOK, TX	BNPDTL20100310ACJ	365.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D44

Latitude: 31 18 53.60 N (NAD83)

Longitude: 97 19 37.10 W

Height AMSL: 677.0 m

HAAT: 470.2 m

Peak ERP: 49.0 kW

Antenna: Dielectric-TLP-24J (C) (ID 1006814) 0.0 deg

Elev Pattn: Generic  
Elec Tilt: 1.00

41.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	11.3 kW	480.0 m	76.0 km
45.0	46.2	480.4	85.5
90.0	30.9	495.0	83.5
135.0	16.5	482.0	78.6
180.0	45.4	452.1	83.9
225.0	33.1	460.9	82.3
270.0	2.02	462.6	64.3
315.0	6.28	448.4	70.9

Distance to Canadian border: 1725.9 km

Distance to Mexican border: 404.7 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 187.3 degrees Distance: 433.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 326.2 degrees Distance: 1209.4 km

Study cell size: 2.00 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 causes no interference to BLANK0000113896 STA

No IX check failures found.