



Kessler and Gehman Associates
Consultants • Broadcast • Wireless

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Study build station data: LMS TV 2022-07-11

Proposal: KZHO-LD D3 LD APP HOUSTON, TX
File number: KZHO-LD Site Change
Facility ID: 130345
Station data: User record
Record ID: 2941
Country: U.S.

Build options:

Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

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	K02RA-D	D2	LD LIC	BEAUMONT, TX	BLANK0000179267	140.1 km
Yes	KLNK-LD	D2	LD LIC	GROVETON, TX	BLANK0000121226	25.2
No	KLNK-LD	D2	LD CP	GROVETON, TX	BLANK0000132752	7.5
Yes	K03IJ-D	D3	LD LIC	COLLEGE STATION, TX	BLANK0000179215	129.1
Yes	K03IJ-D	D3	LD CP	COLLEGE STATION, TX	BLANK0000184634	129.1
No	KLAO-LD	D3	LD LIC	CORPUS CHRISTI, TX	BLDVL20121227AEF	298.7
No	KLAO-LD	D3	LD CP	CORPUS CHRISTI, TX	BDISDVL20110901AAA	298.7
No	KODF-LD	D3	LD LIC	Dallas, TX	BLANK0000113889	341.7
No	K03JE-D	D3	LD LIC	VICTORIA, TX	BLANK0000158504	190.3
Yes	K03JE-D	D3	LD CP	VICTORIA, TX	BLANK0000190776	183.3
No	KAHO-LD	D4	LD LIC	WOODVILLE, TX	BLANK0000005451	0.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D3
Mask: Full Service
Latitude: 29 49 33.00 N (NAD83)
Longitude: 95 22 36.00 W
Height AMSL: 92.0 m
HAAT: 73.5 m
Peak ERP: 3.00 kW
Antenna: OMNI 0.0 deg
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	3.00 kW	69.1 m	42.2 km
45.0	3.00	74.1	43.2
90.0	3.00	75.9	43.5
135.0	3.00	81.6	44.6
180.0	3.00	78.6	44.1
225.0	3.00	74.6	43.3
270.0	3.00	68.8	42.1
315.0	3.00	65.3	41.4

Distance to Canadian border: 1734.0 km

Distance to Mexican border: 454.2 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 223.3 degrees Distance: 360.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 324.6 degrees Distance: 1451.7 km

Study cell size: 1.00 km
Profile point spacing: 0.50 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

****IX check failure to BLANK0000121226 LIC scenario 1, 2.25% interference caused (reduces IX by 20.73%)**

Proposal causes 0.02% interference to BLANK0000179215 LIC scenario 1

Proposal causes 0.00% interference to BLANK0000184634 CP scenario 1

Proposal causes no interference to BLANK0000190776 CP

---- Below is IX received by proposal KZHO-LD Site Change ----

Proposal receives 2.14% interference from scenario 1 - **Applicant accepts interference**

Proposal receives 2.16% interference from scenario 2 - **Applicant accepts interference**

Proposal receives 52.32% interference from scenario 3 - **Applicant accepts interference**

Proposal receives 52.32% interference from scenario 4 - **Applicant accepts interference**