

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: PortArthur26d1kwincEltiat330fA1, Model: Longley-Rice

Start: 2022.05.13 08:11:04

Study created: 2022.05.13 08:11:03

Study build station data: LMS TV 2022-05-11

Proposal: KULC-LD D26 LD LIC PORT ARTHUR, TX

Facility ID: 182050

Station data: User record

Record ID: 2081

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	DK22GT	N22z	TX	APP	LAKE CHARLES, LA	BLTTL20060103ABZ	46.1 km
No	K25PZ-D	D25	LD	LIC	ALEXANDRIA, LA	BLANK00000149500	181.3
No	WLPB-TV	D25	DT	CP	BATON ROUGE, LA	BLANK00000035855	266.0
No	WLPB-TV	D25	DT	LIC	BATON ROUGE, LA	BLEDT20101201ALR	266.0
No	W25FM-D	D25	LD	CP	LAKE CHARLES, LA	BLANK00000071877	72.6
No	KOPS-LD	D25	LD	LIC	BEAUMONT, TX	BLANK00000159557	25.0
No	KYAZ	D25	DT	LIC	KATY, TX	BLANK00000125086	158.8
No	KCTL-LD	D25	LD	LIC	LIVINGSTON, TX	BLDTL20140508ABU	125.0
No	KBCA	D26	DT	LIC	ALEXANDRIA, LA	BLANK00000078715	162.4
No	WRUG-LD	D26	LD	LIC	Baton rouge, LA	BLANK00000162879	290.5
No	WGNO	D26	DT	LIC	NEW ORLEANS, LA	BLCDT20121019AAK	382.9
No	KRIS-TV	D26	DT	CP	CORPUS CHRISTI, TX	BLANK00000145670	434.2
No	KLHP-LD	D26	LD	LIC	DALLAS, TX	BLANK00000155145	424.3
No	KRIV	D26	DT	LIC	HOUSTON, TX	BLANK00000166191	157.0
No	KTAL-TV	D26	DT	LIC	TEXARKANA, TX	BLANK00000073076	325.3
No	KXTS-LD	D26	LD	LIC	VICTORIA, TX	BLANK00000114183	333.6
No	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	356.5
No	W27DJ-D	D27	LD	CP	SULPHUR, LA	BNPDTL20100407ABL	53.1
No	KNXG-LD	D27	LD	LIC	COLLEGE STATION, TX	BLANK00000186734	211.3
No	KBPX-LD	D27	LD	LIC	HOUSTON, TX	BLANK00000072640	139.9
No	KQHO-LD	D27	LD	LIC	HOUSTON, TX	BLANK00000072691	139.9

No	KLUF-LD	D27-	LD	APP	LUFKIN, TX	BLANK00000010680	167.6
No	KLUF-LD	D27-	LD	LIC	LUFKIN, TX	BLANK00000151859	167.7
No	KLUF-LD	D27-	LD	CP	LUFKIN, TX	BLANK00000153447	167.6
No	KBTV-TV	D27	DT	LIC	PORT ARTHUR, TX	BLANK00000063140	20.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D26  
 Mask: Full Service  
 Latitude: 29 58 36.00 N (NAD83)  
 Longitude: 93 56 3.00 W  
 Height AMSL: 14.0 m (Adjusted based on actual ground elevation calculation)  
 HAAT: 0.0 m  
 Peak ERP: 1.00 kW  
 Antenna: ELTI-ELTI UHF Panel (ID 1008435) 330.0 deg  
 Elev Pattnr: Generic

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.490 kW	10.8 m	14.9 km
45.0	0.008	11.8	5.5
90.0	0.008	13.2	5.4
135.0	0.002	13.2	3.7
180.0	0.003	12.2	4.3
225.0	0.002	12.4	3.9
270.0	0.069	9.9	9.2
315.0	0.815	12.2	16.9

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: 12 m

Distance to Canadian border: 1640.8 km

Distance to Mexican border: 532.8 km

Conditions at FCC monitoring station: Kingsville TX

Bearing: 234.8 degrees    Distance: 477.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 320.8 degrees Distance: 1522.6 km

Study cell size: 1.00 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%

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Interference to proposal scenario 1

65.63% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KULC-LD	D26	LD	LIC	PORT ARTHUR, TX		
Undesireds:	KRIV	D26	DT	LIC	HOUSTON, TX	BLANK00000166191	157.0 km
	KBTW-TV	D27	DT	LIC	PORT ARTHUR, TX	BLANK00000063140	20.5

Service area	Terrain-limited	IX-free	Percent IX
270.0 47,250	270.0 47,250	86.3 16,238	68.02 65.63

Undesired	Total IX	Unique IX	Prcnt Unique IX
KRIV D26 DT LIC 4.0 0 0.0	0	0	0.00 0.00
KBTW-TV D27 DT LIC 183.6 31,012 179.6	31,012	31,012	66.53 65.63