

**THREE ANGELS BROADCASTING
NETWORK, INC.**

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July 12, 2018

When an interference analysis was performed on K25LG's existing facility it was found that KCEB, Longview, TX's FCC assigned adjacent channel 26 Repack facility described in application BLANK0000001435 would receive 1.45% interference. After an investigation was made, it was determined that by changing K25LG's filter to Full Service Mask would mitigate the interference without losing a significant number of viewers.

Study created: 2018.07.12 16:22:06

Study build station data: LMS TV 2018-07-11 (22)

Proposal: K25LG-D D25 LD LIC TYLER, TX

File number: BLDTL20110927ACY

Facility ID: 67003

Station data: User record

Record ID: 172

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	KLIA-LD	D24	LD	APP	TEXARKANA, AR	BLANK0000052927	147.0 km
No	KLTS-TV	D24	DT	LIC	SHREVEPORT, LA	BLEDT20100216ABQ	147.3
No	KQFW-LD	D24	LD	CP	DALLAS, TX	BPDTL20130205ACV	165.5
No	KQFW-LD	D24	LD	LIC	DALLAS, TX	BLDTL20121220AAX	161.0
No	KXAS-TV	D24	DT	LIC	FORT WORTH, TX	BLANK0000054717	165.9
No	KIBN-LD	D24	LD	CP	LUFKIN, TX	BLANK0000051785	93.1
No	KXIP-LD	D24	LD	LIC	PARIS, TX	BLDTL20130924AGN	178.4
Yes	K46KW-D	D24	LD	CP	TYLER, TX	BLANK0000051815	33.9
No	K25NT-D	D25	LD	CP	EL DORADO, AR	BNPDTL20101020AAN	278.8
No	KFDF-CD	D25	DC	CP	FORT SMITH, AR	BLANK0000034445	386.5
No	KFDF-CD	D25	DC	APP	FORT SMITH, AR	BLANK0000055241	386.5
No	KMYA-LD	D25	LD	CP	SHERIDAN, AR	BLANK0000048814	401.7
No	K33MP-D	D25	LD	APP	ALEXANDRIA, LA	BLANK0000054048	290.2
No	WLPB-TV	D25	DT	APP	BATON ROUGE, LA	BLANK0000035855	433.3
No	WLPB-TV	D25	DT	LIC	BATON ROUGE, LA	BLEDT20101201ALR	433.3
No	K25MH-D	D25	LD	CP	MONROE, LA	BNPDTL20100510AED	297.9
No	KWTV-DT	D25	DT	CP	OKLAHOMA CITY, OK	BLANK0000028029	441.4
Yes	KPXD-TV	D25	DT	CP	ARLINGTON, TX	BLANK0000054832	166.6

No	KOPS-LD	D25	LD	APP	BEAUMONT, TX	BLANK0000054093	242.5
No	KFDM	D25	DT	LIC	BEAUMONT, TX	BLCDT20110513ABB	248.5
No	K25FW-D	D25	LD	LIC	CORSICANA, TX	BLDTL20110113ABK	166.1
Yes	KYAZ	D25	DT	CP	KATY, TX	BLANK0000034934	278.4
No	KCTL-LD	D25	LD	CP	LIVINGSTON, TX	BLANK0000004532	191.8
No	KCTL-LD	D25	LD	LIC	LIVINGSTON, TX	BLDTL20140508ABU	156.1
Yes	K25ND-D	D25	LD	CP	MOUNT VERNON, TX	BMJADTL20100521ACE	113.1
No	KHPZ-CD	D25	DC	CP	ROUND ROCK, TX	BLANK0000027658	275.5
No	KVCT	D25	LD	LIC	VICTORIA, TX	BLCDT20111216AAA	397.4
No	K26KC-D	D26	LD	LIC	DALLAS, TX	BLDTL20141017ACV	165.5
No	KAKH-LD	D26	LD	CP	LUFKIN, TX	BLANK0000051617	99.5
No	KTAL-TV	D26	DT	CP	TEXARKANA, TX	BLANK0000028380	154.3
No	KXXV	D26	DT	LIC	WACO, TX	BLCDT20050630AFE	205.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25

Mask: Full Service

Latitude: 32 3 41.00 N (NAD83)

Longitude: 95 18 51.00 W

Height AMSL: 377.0 m

HAAT: 0.0 m

Peak ERP: 15.0 kW

Antenna: JAM-JUHD 10X2 (ID 96813) 0.0 deg

Elev Pattn: Generic

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	235.4 m	53.1 km
45.0	5.49	241.7	48.3
90.0	0.835	256.3	39.2
135.0	1.11	236.9	39.7
180.0	9.82	229.2	50.6
225.0	13.5	232.8	52.4
270.0	2.56	258.4	45.2
315.0	5.31	243.5	48.3

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 242 m

Distance to Canadian border: 1536.3 km

Distance to Mexican border: 609.3 km

Conditions at FCC monitoring station: Kingsville TX

Bearing: 206.4 degrees Distance: 570.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 318.0 degrees Distance: 1261.1 km

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%

----- Below is IX received by proposal BLDTL20110927ACY -----

Proposal receives 2.62% interference from scenario 1

Proposal receives 2.62% interference from scenario 2

No IX check failures found.