



1671 W. Sunrise Blvd.  
Ste.110  
Sunrise, FL 33323

MODIFICATION – LMS#0000010713

Facility ID: 188805

KLIA-LD Ch. 32 Texarkana, AR

Date: 19-Dec-2017 Rev:

## 1 Scope

Applicant submits this application pursuant to the terms of the Consent Decree entered into between DTV America Corporation and the FCC's Media Bureau. *See DTV America Corp., et al., Consent Decree, DA 17-1058 (rel. Oct. 31, 2017).* The reference coordinates and operational parameters in this application are based on the coordinates and parameters included in the corresponding application listed in Appendix E to the Consent Decree. *See id.* at App. E. Where necessary, Applicant has made minor adjustments to the originally defined parameters to avoid interference to primary broadcast facilities or to account for site-availability issues. *See id.* ¶ 24. Deviations from the originally defined parameters comply with Part 74 of the Commission's rules and the terms of the Consent Decree. *Id.*


DTV America proposes the following operating parameters for KLIA-LD to address co-channel interference caused to KPXJ-DT.

## 2 Authorization Containing Station's Modified Terms and Coordinates

Permit File Number:	0000010713		
Station Location:	Texarkana, AR		
Frequency (MHz):	578-584		
Channel:	32		
Antenna Type:	Directional – DIE TUA-P2-0641	Rotation: 130°	
Coordinates (NAD83):	Latitude	32° 45' 28.5" N	Longitude 093° 59' 14.9" W
Maximum ERP:	6.0 kW		
Radiation Center AGL:	17.4 m		
Radiation Center AMSL:	75.9 m		
Antenna Structure Reg No:	N/A		

## 3 Proposed Facility

Antenna Structure Reg No:	1031900		
Coordinates (NAD83):	Latitude	32° 40' 39.5" N	Longitude 093° 55' 43.3" W
Radiation Center AGL:	100.0 m		
Radiation Center AMSL:	179.2 m		
Antenna Type:	Non-Directional	Rotation: 0°	
Maximum ERP:	0.5 kW		

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#### 4 TV Study Interference Check

Study created: 2017.12.19 15:29:24

Study build station data: LMS TV 2017-12-18 (19)

Proposal: KLIA-MOD D32 LD LIC TEXARKANA, AR  
File number: KLIA-ASR1031900  
Facility ID: 188805  
Station data: User record  
Record ID: 93  
Country: U.S.

Build options:  
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
K31HO-D	D31	LD	LIC	SHREVEPORT, LA	BLDTL20120831AAD	1.3 km
KPXJ	D32	DT	CP	MINDEN, LA	BLANK0000028329	1.0
KPXJ	D32	DT	APP	MINDEN, LA	BLANK0000035670	1.0

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D32  
Mask: Full Service  
Latitude: 32 40 39.50 N (NAD83)  
Longitude: 93 55 43.30 W  
Height AMSL: 89.5 m  
HAAT: 0.0 m  
Peak ERP: 0.500 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic

50.5 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.500 kW	28.2 m	14.5 km
45.0	0.500	34.9	15.2
90.0	0.500	37.7	15.9
135.0	0.500	25.9	14.5
180.0	0.500	15.4	14.5
225.0	0.500	3.7	14.5
270.0	0.500	28.5	14.5
315.0	0.500	32.8	15.0

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 26 m

Distance to Canadian border: 1399.5 km



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Distance to Mexican border: 756.1 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 214.2 degrees Distance: 695.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 312.5 degrees Distance: 1304.0 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%

Proposal receives 88.14% interference from scenario 1  
\*\*MX with BLANK0000035670 APP, 88.14% interference, scenario 2.



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## 5 51dBu Contour

