



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

MODIFICATION – LMS#0000008701

Facility ID: 184063

KDMK-LD Ch. 48 Lafayette, LA

Date: 05-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.*

Due to lack of viable structures within the immediate vicinity of the facility listed under Appendix E of the Decree, DTV America proposes an alternate tower ASR1041744.

2 Authorization Containing Station's Modified Terms and Coordinates

Permit File Number:	0000008701		
Station Location:	Lafayette, LA		
Frequency (MHz):	674-680		
Channel:	48		
Antenna Type:	Directional – DIE TUA-C1	Rotation: 1200	
Coordinates (NAD83):	Latitude	30° 19' 46.5" N	Longitude 092° 29' 57.2" W
Maximum ERP:	6.0 kW		
Radiation Center AGL:	15.0 m		
Radiation Center AMSL:	23.2 m		
Antenna Structure Reg No:	N/A		

3 Proposed Facility

Antenna Structure Reg No:	1041744		
Coordinates (NAD83):	Latitude	30° 13' 54.7" N	Longitude 092° 34' 38.0" W
Distance from Permit:	8.2 miles		
Radiation Center AGL:	103.6 m		
Radiation Center AMSL:	108.1 m		



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Antenna Type: Non-Directional - TUA-O4-6/24-M-T Rotation: 0°
Maximum ERP: 15.0 kW

4 TV Study Interference Check

Study created: 2017.11.30 14:42:46

Study build station data: LMS TV 2017-11-29 (13)

Proposal: KDMK-MOD D48 LD LIC LAFAYETTE, LA
File number: MOD-ASR1041744
Facility ID: 184063
Station data: User record
Record ID: 47
Country: U.S.

Build options:
Protect records not on baseline channel

No protected stations found.

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D48
Mask: Full Service
Latitude: 30 13 54.70 N (NAD83)
Longitude: 92 34 38.00 W
Height AMSL: 108.1 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic

51.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	96.0 m	41.3 km
45.0	15.0	98.7	41.6
90.0	15.0	99.4	41.7
135.0	15.0	101.8	42.0
180.0	15.0	102.2	42.0
225.0	15.0	100.7	41.9
270.0	15.0	99.7	41.8
315.0	15.0	97.4	41.5

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 100 m



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Distance to Canadian border: 1547.4 km

Distance to Mexican border: 636.7 km

Conditions at FCC monitoring station: Kingsville TX
Bearing: 240.3 degrees Distance: 602.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 317.2 degrees Distance: 1586.8 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%

No IX check failures found.



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5 51dBu Contour

