



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

MODIFICATION – LMS#0000013953

Facility ID: 182836

WEDS-LD Ch. 29 Fort Walton, FL

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 WEDS-LD to address co-channel interference caused to WFBD-DT.

2 Authorization Containing Station's Modified Terms and Coordinates

Permit File Number:	0000013953		
Station Location:	Fort Walton, FL		
Frequency (MHz):	578-584		
Channel:	38		
Antenna Type:	Directional – DIE TUA-P2-0641	Rotation: 270°	
Coordinates (NAD83):	Latitude	38° 46' 45.9" N	Longitude 093° 50' 36.1" W
Maximum ERP:	6.0 kW		
Radiation Center AGL:	17.4 m		
Radiation Center AMSL:	286.4 m		
Antenna Structure Reg No:	N/A		

3 Proposed Facility

Antenna Structure Reg No:	1059256		
Coordinates (NAD83):	Latitude	30° 36' 10.9" N	Longitude 088° 12' 10.8" W
Radiation Center AGL:	67.0 m		
Radiation Center AMSL:	99.9 m		
Antenna Type:	Directional - TUA-C3D	Rotation: 340°	
Maximum ERP:	15.0 kW		

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4 TV Study Interference Check

Study created: 2017.12.14 16:04:34

Study build station data: LMS TV 2017-12-09 (18)

Proposal: WEDS-MOD D29 LD LIC FORT WALTON, FL
File number: WEDS-ASR1059256
Facility ID: 182836
Station data: User record
Record ID: 90
Country: U.S.

Build options:
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number
Distance					
WFBD	D29	DT	CP	DESTIN, FL	BLANK0000027353
148.2 km					

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D29
Mask: Full Service
Latitude: 30 36 10.90 N (NAD83)
Longitude: 88 12 10.80 W
Height AMSL: 55.1 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: DIE-TUA-C3B (ID 120743) 340.0 deg
Elev Pattn: Generic

50.2 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	10.3 kW	11.0 m	28.4 km
45.0	0.229	31.7	12.3
90.0	0.060	51.0	11.3
135.0	8.47	47.4	32.3
180.0	10.3	29.6	28.4
225.0	0.229	14.5	12.1
270.0	0.060	16.6	8.7
315.0	8.47	3.9	27.5

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



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Distance to Canadian border: 1326.1 km

Distance to Mexican border: 996.1 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 41.2 degrees Distance: 488.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 309.2 degrees Distance: 1865.4 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 12.98% interference from scenario 1
No IX check failures found.



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