



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

MODIFICATION – LMS#0000013395

Facility ID: 184340

WEKK-LD Ch. 47 Wausau, WI

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 ASR1246415.

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

Permit File Number:	0000013395		
Station Location:	Wausau, WI		
Frequency (MHz):	668-674		
Channel:	47		
Antenna Type:	Directional – DIE TUA-P2-0641	Rotation: 110	
Coordinates (NAD83):	Latitude	44° 45’ 27.8” N	Longitude 088° 31’ 1.4” W
Maximum ERP:	3.0 kW		
Radiation Center AGL:	17.4 m		
Radiation Center AMSL:	326.5 m		
Antenna Structure Reg No:	N/A		

## 3 Proposed Facility

Antenna Structure Reg No:	1246415		
Coordinates (NAD83):	Latitude	44° 46’ 41.9” N	Longitude 088° 46’ 10.10” W
Distance from Permit:	12.5 miles		
Radiation Center AGL:	100.0 m		
Radiation Center AMSL:	402.3 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 13:46:43

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

Proposal: WEKK-MOD D47 LD LIC WAUSAU, WI  
File number: WEKK-ASR1246415  
Facility ID: 184340  
Station data: User record  
Record ID: 45  
Country: U.S.

Build options:  
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WTPX-TV	D46	DT	LIC	ANTIGO, WI	BMLCDT20041015ADT	61.1 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: D47  
Mask: Full Service  
Latitude: 44 46 41.90 N (NAD83)  
Longitude: 88 46 10.10 W  
Height AMSL: 402.3 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	113.2 m	43.2 km
45.0	15.0	132.1	44.6
90.0	15.0	146.2	45.6
135.0	15.0	145.0	45.5
180.0	15.0	135.3	44.8
225.0	15.0	109.0	42.8
270.0	15.0	113.9	43.3
315.0	15.0	102.9	42.2



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Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 125 m

Distance to Canadian border: 357.8 km

Distance to Mexican border: 2002.3 km

Conditions at FCC monitoring station: Allegan MI  
Bearing: 135.9 degrees Distance: 330.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 254.9 degrees Distance: 1440.7 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

