



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

MODIFICATION – LMS#0000010848

Facility ID: 183624

WNWE-LD Ch. 14 Lincoln, NE

Date: 15-Dec-2017 Rev:01

## 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 the lack of viable structures within the immediate vicinity of the facility listed under Appendix E of the Decree, DTV America proposes an alternate tower ASR1022906.

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

Permit File Number:	0000010848		
Station Location:	Lincoln, NE		
Frequency (MHz):	470-476		
Channel:	14		
Antenna Type:	Directional – DIE TUA-P2-0641	Rotation: 90°	
Coordinates (NAD83):	Latitude	40° 55’ 43.0” N	Longitude 096° 58’ 24.0” W
Maximum ERP:	6.0 kW		
Radiation Center AGL:	17.4 m		
Radiation Center AMSL:	495.9 m		
Antenna Structure Reg No:	N/A		

## 3 Proposed Facility

Antenna Structure Reg No:	1022906		
Coordinates (NAD83):	Latitude	40° 51’ 10” N	Longitude 096° 40’ 35.9” W
Distance from Permit:	16.4 miles		
Radiation Center AGL:	100.0 m		
Radiation Center AMSL:	448.0 m		
Antenna Type:	Non-Directional - TUA-O4-06/24M-T	Rotation: N/A	
Maximum ERP:	15.0 kW		



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#### 4 TV Study Interference Check

Study created: 2017.11.27 10:07:39  
Study build station data: LMS TV 2017-11-26 (9)

Proposal: WNWE-MOD D14 LD LIC LINCOLN, NE  
File number: WNWE-ASR1022906  
Facility ID: 183624  
Station data: User record  
Record ID: 26  
Country: U.S.

Build options:  
Protect records not on baseline channel

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
KTIV	D14	DT	CP	SIOUX CITY, IA	BLANK0000027439	196.4 km
KTIV	D14	DT	APP	SIOUX CITY, IA	BLANK0000034419	196.4

Non-directional AM stations within 0.8 km:  
KLIN 1400 L ND1 D LINCOLN, NE BL20040129AYE  
KLIN 1400 L ND1 N LINCOLN, NE BL20040129AYE

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D14  
Mask: Full Service  
Latitude: 40 51 10.00 N (NAD83)  
Longitude: 96 40 37.00 W  
Height AMSL: 448.0 m  
HAAT: 0.0 m  
Peak ERP: 7.00 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic

48.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	7.00 kW	75.9 m	38.3 km
45.0	7.00	101.2	41.7
90.0	7.00	76.2	38.4
135.0	7.00	64.3	36.5
180.0	7.00	72.6	37.8
225.0	7.00	85.4	39.7
270.0	7.00	71.4	37.7
315.0	7.00	69.4	37.3

Database HAAT does not agree with computed HAAT  
Database HAAT: 0 m Computed HAAT: 77 m

Distance to Canadian border: 881.6 km



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Distance to Mexican border: 1303.3 km

Conditions at FCC monitoring station: Grand Island NE  
Bearing: 273.6 degrees Distance: 147.4 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 266.6 degrees Distance: 726.3 km

No land mobile station failures found

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

