



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000107229 | Submit Date: 03/05/2020 | Call Sign: WFXV | Facility ID: 43424 | FRN: 0009961889 | State: New York | City: UTICA

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 03/11/2020 | Expiration Date:

Filing Status: InActive

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	Section 1.1116(a)/Incentive Auction Filing Requirement
Waivers	Does this filing request a waiver of the Commission's rule(s)?	Yes
	Total number of rule sections involved in this waiver request:	1

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NEXSTAR BROADCASTING, INC. Applicant Doing Business As: NEXSTAR BROADCASTING, INC.	Elizabeth Ryder 545 E. JOHN CARPENTER FREEWAY SUITE 700 IRVING, TX 75062 United States	+1 (972) 373- 8800	eryder@nexstar. tv	Other

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

Contact  
Representatives  
(2)

Contact Name	Address	Phone	Email	Contact Type
Jr William T. Godfrey T. Godfrey , Jr . Kessler and Gehman Associates, Inc.	William T. Godfrey, Jr. Kessler and Gehman Associates, Inc. 507-D NW 60th Street Gainesville, FL 32607-2055 United States	+1 (352) 332-3157	bill@kesslerandgehman.com	Technical Representative
Elizabeth Ryder Ryder Nexstar Broadcasting, Inc.	Elizabeth Ryder 545 E John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373-8800	eryder@nexstar.tv	Legal Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	43424
	State	New York
	City	UTICA
	DTV Channel	34
	Designated Market Area	Utica
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	1

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1003764
Coordinates (NAD83)	Latitude	43° 08' 41.1" N+
	Longitude	075° 10' 32.2" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	130.7 meters
	Support Structure Height	113.6 meters
	Ground Elevation (AMSL)	371.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	93.6 meters
	Height of Radiation Center Above Average Terrain	216.0 meters
	Height of Radiation Center Above Mean Sea Level	465.4 meters
	Effective Radiated Power	500 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006516
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-16WB-R C160
	Rotation	0 degrees
	Electrical Beam Tilt	0.55
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.992	90	0.888	180	0.659	270	0.320
10	0.986	100	0.950	190	0.517	280	0.364
20	0.945	110	0.991	200	0.367	290	0.515
30	0.884	120	0.998	210	0.322	300	0.660
40	0.826	130	0.971	220	0.429	310	0.761
50	0.790	140	0.924	230	0.551	320	0.825
60	0.779	150	0.874	240	0.599	330	0.874
70	0.791	160	0.824	250	0.551	340	0.922
80	0.829	170	0.759	260	0.429	350	0.966

Additional Azimuths

Degree	V <sub>A</sub>
2	0.994
116	1.000

## Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	
	The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.	
Authorized Party to Sign	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application. WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>Elizabeth Ryder Ryder</b> <i>General Counsel</i>  03/05/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">CH 34 TFU-16-C160-R.pdf</a>	Applicant	General Information	Dielectric Interim Antenna Electrical & Mechanical Data
<a href="#">EXHIBIT 1.pdf</a>	Applicant	Fees, Waivers and Exemptions	EXHIBIT 1
<a href="#">Purpose of WFXV-D34 STA &amp; Waiver Request.pdf</a>	Applicant	Fees, Waivers and Exemptions	STA & Waiver Request Engineering Technical Statement
<a href="#">TVStudy (WFXV-D34 Post-Auction STA).pdf</a>	Applicant	Fees, Waivers and Exemptions	TVStudy
<a href="#">WFXV-D34 CP (File No. 0000029986).pdf</a>	Applicant	Fees, Waivers and Exemptions	Post-Auction Construction Permit
<a href="#">WFXV.pdf</a>	Internal	All Purpose	