



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000116651 | Submit Date: 06/26/2020 | Call Sign: WFFF-TV | Facility ID: 10132 | FRN: 0009961889 | State: Vermont | City: BURLINGTON

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 07/02/2020 | 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)?	No
	Total number of rule sections involved in this waiver request:	

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
<b>Jr William T. Godfrey T. Godfrey , Jr .</b> 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
<b>Elizabeth Ryder Ryder</b> Nexstar Broadcasting, Inc.	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	10132
	State	Vermont
	City	BURLINGTON
	DTV Channel	16
	Designated Market Area	Burlington-Plattsburgh
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	44° 31' 33.2" N+
	Longitude	072° 48' 55.4" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	42 meters
	Support Structure Height	24.4 meters
	Ground Elevation (AMSL)	1223 meters
Antenna Data	Height of Radiation Center Above Ground Level	19.2 meters
	Height of Radiation Center Above Average Terrain	819.1 meters
	Height of Radiation Center Above Mean Sea Level	1242.2 meters
	Effective Radiated Power	40 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006985
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-16WB-R C160 OS
	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	0.111	90	0.286	180	0.998	270	0.878
10	0.106	100	0.395	190	0.998	280	0.799
20	0.104	110	0.507	200	0.991	290	0.710
30	0.103	120	0.612	210	0.988	300	0.613
40	0.104	130	0.708	220	0.992	310	0.508
50	0.106	140	0.798	230	0.998	320	0.396
60	0.111	150	0.877	240	0.998	330	0.286
70	0.134	160	0.941	250	0.981	340	0.193
80	0.193	170	0.981	260	0.941	350	0.134

Additional Azimuths

Degree	V <sub>A</sub>
235	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>  06/26/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>C-71435 3 WPTZ WCAX WFFF WB OS EZ Prop.pdf</u>	Applicant	General Information	Dielectric Antenna Electrical & Mechanical Data
<u>Purpose of WFFF-D16 STA.pdf</u>	Applicant	General Information	Purpose of Engineering STA
<u>WFFF-D16 Post-Auction CP (File No. 0000029843).pdf</u>	Applicant	General Information	Construction Permit