



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000076060 | Submit Date: 07/05/2019 | Call Sign: WJET-TV | Facility ID: 65749 | FRN: 0009961889 | State: Pennsylvania | City: ERIE

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 07/16/2019 | Expiration Date:

Filing Status: InActive

General Information

Section	Question	Response
---------	----------	----------

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
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 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	65749
	State	Pennsylvania
	City	ERIE
	DTV Channel	24
	Designated Market Area	Erie
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	1033280
Coordinates (NAD83)	Latitude	42° 02' 25.0" N+
	Longitude	080° 04' 08.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	248.9 meters
	Support Structure Height	228.9 meters
	Ground Elevation (AMSL)	397.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	175.3 meters
	Height of Radiation Center Above Average Terrain	242.4 meters
	Height of Radiation Center Above Mean Sea Level	573.1 meters
	Effective Radiated Power	390 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005209
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-16WB-R S230 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	0.206	90	0.337	180	0.975	270	0.746
10	0.225	100	0.451	190	0.993	280	0.661
20	0.231	110	0.564	200	1.000	290	0.560
30	0.225	120	0.658	210	0.994	300	0.447
40	0.206	130	0.744	220	0.976	310	0.333
50	0.178	140	0.813	230	0.949	320	0.231
60	0.153	150	0.868	240	0.914	330	0.163
70	0.166	160	0.912	250	0.870	340	0.151
80	0.235	170	0.947	260	0.815	350	0.176

Additional Azimuths

Degree	V <sub>A</sub>
62	0.151
337	0.149

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>  07/05/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>C-71240-1 WJET AUX Ez Prop.pdf</u>	Applicant	General Information	Dielectric Antenna Electrical & Mechanical Data
<u>Purpose of WJET-D24 STA.pdf</u>	Applicant	General Information	Purpose of Engineering STA