



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000116455 | Submit Date: 06/23/2020 | Call Sign: WVNY | Facility ID: 11259 | FRN: 0004284899 | 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)?	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
Mission Broadcasting, Inc. Applicant Doing Business As: Mission Broadcasting, Inc.	Dennis Thatcher 901 Indiana Avenue Suite 375 Wichita Falls, TX 76301 United States	+1 (940) 228- 7861	missionbroadcasting@gmail. com	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
Esq Gregory L. Masters L. Masters , Esq . Wiley Rein LLP	1776 K Street, N.W. Washington, DC 20006 United States	+1 (202) 719-7370	gmasters@wiley.law	Legal Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	11259
	State	Vermont
	City	BURLINGTON
	DTV Channel	7
	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	819.0 meters
	Height of Radiation Center Above Mean Sea Level	1242.2 meters
	Effective Radiated Power	10 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006962
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TLS-V4-BB-R
	Rotation	0 degrees
	Electrical Beam Tilt	2.45
	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	0.533	90	0.518	180	0.814	270	0.951
10	0.518	100	0.513	190	0.867	280	0.913
20	0.513	110	0.518	200	0.913	290	0.867
30	0.518	120	0.533	210	0.951	300	0.814
40	0.520	130	0.555	220	0.979	310	0.754
50	0.520	140	0.591	230	0.995	320	0.694
60	0.523	150	0.638	240	1.000	330	0.638
70	0.520	160	0.694	250	0.995	340	0.591
80	0.520	170	0.754	260	0.979	350	0.555

Additional Azimuths

Degree	V <sub>A</sub>
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## 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>Dennis P. Thatcher P. Thatcher</b> <i>President</i>  06/23/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">EXHIBIT 1.pdf</a>	Applicant	Fees, Waivers and Exemptions	EXHIBIT 1
<a href="#">Purpose of WVNY-D7 STA &amp; Waiver Request.pdf</a>	Applicant	Fees, Waivers and Exemptions	Purpose of WVNY-D7 STA & Waiver Request
<a href="#">WVNY-D7 STA TVStudy (10 kW ERP).pdf</a>	Applicant	Fees, Waivers and Exemptions	TVStudy Report
<a href="#">WVNY-DT Channel 7 CP (File No. 0000029889).pdf</a>	Applicant	General Information	Construction Permit
<a href="#">WVNY TLSV4-BB C-71505 Ch7 EZ Prop. pdf</a>	Applicant	General Information	Dielectric Antenna Electrical & Mechanical Data