



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000081955** | Submit Date: **09/23/2019** | Call Sign: **WWRS-TV** | Facility ID: **68547** | FRN: **0004346060**
 State: **Wisconsin** | City: **MAYVILLE**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **09/25/2019** | Expiration Date: **10/18/2019**
 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?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGT	\$200.00
Total		\$200.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TRINITY BROADCASTING OF TEXAS, INC. Doing Business As: Trinity Broadcasting Network	13600 Heritage Parkway Fort Worth, TX 76177 United States	+1 (855) 826-2255	CMMAY@MAYLAWOFFICES.COM	Not-for-Profit

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
Kevin T. Fisher <i>Broadcast Consultant</i> Smith & Fisher	4791 Wintergreen Court Woodbridge, VA 22192 United States	+1 (703) 505- 1751	Kevin@smithandfisher.com	Technical Representative
Coby M May , Esq. . <i>Attorney</i> COLBY M. MAY, ESQ., P.C.	P. O. BOX 15473 WASHINGTON, DC 20003 United States	+1 (202) 544- 5171	CMMAY@MAYLAWOFFICES. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	68547
	State	Wisconsin
	City	MAYVILLE
	DTV Channel	43
	Designated Market Area	Milwaukee
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	1219139
Coordinates (NAD83)	Latitude	43° 26' 11.4" N+
	Longitude	088° 31' 33.9" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	149.7 meters
	Support Structure Height	135.8 meters
	Ground Elevation (AMSL)	353.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	106.7 meters
	Height of Radiation Center Above Average Terrain	167.6 meters
	Height of Radiation Center Above Mean Sea Level	459.7 meters
	Effective Radiated Power	244.4 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005591
Antenna Manufacturer and Model	Manufacturer:	SWR
	Model	SWEDM12OI/43
	Rotation	135 degrees
	Electrical Beam Tilt	0.75
	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	1.000	90	0.662	180	0.524	270	0.679
10	0.997	100	0.573	190	0.511	280	0.760
20	0.989	110	0.491	200	0.480	290	0.829
30	0.975	120	0.429	210	0.441	300	0.885
40	0.952	130	0.402	220	0.409	310	0.927
50	0.920	140	0.414	230	0.404	320	0.958
60	0.875	150	0.449	240	0.439	330	0.978
70	0.817	160	0.488	250	0.506	340	0.991
80	0.745	170	0.515	260	0.591	350	0.998

Additional Azimuths

Degree	V _A
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Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>John B. Casoria , Esq. . <i>Assistant Secretary</i></p> <p>09/23/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WWRS-DT STA Engineering for Interim Operation on Channel 43.pdf</u>	Applicant	General Information	WWRS-DT Interim Operation STA Engineering, including justification and power density calculation