FC Federal Communications Commission

(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: **0000197069**　|　Submit Date: **08/05/2022**　|　Call Sign: **WDVB-CD**　|　Facility ID: **168834**　|　FRN: **0004346060**

State: **New Jersey**　|　City: **EDISON**

Service: **DCA**　|　Purpose: **Engineering STA**　|　Status: **Granted**　|　Status Date: **08/24/2022**　|　Expiration Date: **02/23/2023**

Filing Status: **InActive**

General Information

Section	Question	Response

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	MPV	$270.00
	Total	**$270.00**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TRINITY BROADCASTING OF TEXAS, INC. Doing Business As: TRINITY BROADCASTING NETWORKS	13600 Heritage Parkway Suite 200 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.

Applicant	Address	Phone	Email	Applicant Type
TRINITY BROADCASTING OF TEXAS, INC. Doing Business As: TRINITY BROADCASTING NETWORKS	13600 Heritage Parkway Suite 200 Fort Worth, TX 76177 United States	+1 (855) 826-2255	cMMAY@MAYLAWOFFICES. COM	Not-for-Profit

Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
Kevin Fisher *Broadcast Engineering Consultant* Smith & Fisher	4791 Wintergreen Court Woodbridge, VA 22192 United States	+1 (703) 505-1791	kevin@smithandFisher.com	Technical Representative
Colby M May , Esq . *Legal Counsel* Colby M. May, Esq., P.C.	PO Box 15473 WASHINGTON, DC 20003 United States	+1 (202) 544-5171	cmmay@maylawoffices.com	Legal Representative

Contact Name	Address	Phone	Email	Contact Type
Kevin Fisher *Broadcast Engineering Consultant*	4791 Wintergreen Court Woodbridge, VA 22192 United States	+1 (703) 505-1791	kevin@smithandFisher.com	Technical Representative
Colby M May , Esq .	PO Box 15473	+1 (202) 544-5171	cmmay@maylawoffices.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	168834
	State	New Jersey
	City	EDISON
	DCA Channel	22
	Designated Market Area	Philadelphia

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1007048
Coordinates (NAD83)	Latitude	40° 44' 54.0" N+
	Longitude	073° 59' 09.0" W-
	Structure Type	B-Building
	Overall Structure Height	443.0 meters
	Support Structure Height	381.0 meters
	Ground Elevation (AMSL)	15.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	298 meters
	Height of Radiation Center Above Mean Sea Level	313.5 meters
	Effective Radiated Power	15.0 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	98295
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TUAC2F
	Rotation	0 degrees
	Electrical Beam Tilt	0.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.849	90	0.437	180	0.031	270	0.439
10	0.704	100	0.27	190	0.018	280	0.617
20	0.658	110	0.138	200	0.015	290	0.786
30	0.862	120	0.06	210	0.028	300	0.917
40	0.991	130	0.026	220	0.031	310	0.978
50	1	140	0.031	230	0.025	320	0.972
60	0.929	150	0.024	240	0.06	330	0.857
70	0.788	160	0.015	250	0.138	340	0.671
80	0.615	170	0.026	260	0.272	350	0.733

Additional Azimuths

Degree	V_A

	Section	Question	Response
Certification	**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	**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID** 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.	**John B Casoria , Esq. .** *Assistant Secretary* 08/05/2022

Attachments

File Name	Uploaded By	Attachment Type	Description
WDVB-CD STA Request Engineering.pdf	Applicant	General Information	WDVB-CD STA Request Engineering, including power density calculation