



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000227695 | Submit Date: 11/24/2023 | Call Sign: KVUE | Facility ID: 35867 | FRN: 0001545581 | State: Texas | City: AUSTIN

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 12/12/2023 | Expiration Date: 06/11/2024 |

Filing Status: Active

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	MPV	\$300.00
Total		\$300.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KVUE TELEVISION, INC.	Denise Branson, Sr. Paralegal TEGNA, Inc. 8350 Broad Street, Suite 2000 Tysons, VA 22102 United States	+1 (703) 873-6606	dbranson@TEGNA.com	Corporation

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
Michael Beder , Esq . <i>Associate General Counsel</i> TEGNA Inc.	8350 Broad Street, Suite 2000 Tysons, VA 22102 United States	+1 (703) 873- 6902	mbeder@TEGNA.com	Legal Representative
Ryan C Wilhour , Jr . <i>Consulting Engineer</i> Kessler and Gehman Associates, Inc.	507 NW 60th ST STE D Gainesville, FL 32607 United States	+1 (352) 332- 3157	ryan@kesslerandgehman. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	35867
	State	Texas
	City	AUSTIN
	DTV Channel	33
	Designated Market Area	Austin
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	3

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1234758
Coordinates (NAD83)	Latitude	30° 19' 19.3" N+
	Longitude	097° 48' 12.6" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	369.1 meters
	Support Structure Height	328.8 meters
	Ground Elevation (AMSL)	254.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	272.8 meters
	Height of Radiation Center Above Average Terrain	305.7 meters
	Height of Radiation Center Above Mean Sea Level	527.3 meters
	Effective Radiated Power	990 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1011278
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-16WB C160
	Rotation	0 degrees
	Electrical Beam Tilt	1.0
	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	0.871	90	0.795	180	0.871	270	0.596
10	0.951	100	0.804	190	0.821	280	0.546
20	0.967	110	0.835	200	0.758	290	0.420
30	0.995	120	0.888	210	0.660	300	0.310
40	0.988	130	0.948	220	0.517	310	0.363
50	0.947	140	0.991	230	0.361	320	0.519
60	0.888	150	0.998	240	0.309	330	0.663
70	0.835	160	0.971	250	0.419	340	0.761
80	0.804	170	0.922	260	0.545	350	0.822

Additional Azimuths

Degree	V _A
33	0.997
302	0.305
238	0.304
146	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	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.	Marc S. Sher , Esq. . <i>Secretary</i> 11/24/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
KVUE-TV Engineering STA Narrative.pdf	Applicant	General Information	KVUE-TV Engineering STA Narrative