



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000075164** | Submit Date: **06/28/2019** | Call Sign: **WKYC** | Facility ID: **73195** | FRN: **0024376642** | State: **Ohio** | City: **CLEVELAND**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Pending** | Status Date: **07/01/2019** | 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
WKYC-TV, LLC	Denise Branson, Sr. Paralegal TEGNA Inc. 8350 Broad Street, Suite 2000 Tysons, VA 22102 United States	+1 (703) 873- 6606	dbranson@TEGNA. com	Limited Liability Company

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
(3)**

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
Jeffrey Johnson <i>Vice President Projects</i> TEGNA Inc.	Jeffrey Johnson 8350 Broad Street, Suite 2000 Tysons, VA 22102 United States	+1 (703) 873- 6736	jsjohnson@tegna.com	Technical Representative
William Meintel <i>Senior Partner</i> Meintel, Sgrignoli, & Wallace, LLC	William Meintel PO Box 907 Warrenton, VA 20188 United States	+1 (540) 428- 2308	william. meintele@mswdtv.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	73195
	State	Ohio
	City	CLEVELAND
	DTV Channel	17
	Designated Market Area	Cleveland-Akron (Canton)
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	1265403
Coordinates (NAD83)	Latitude	41° 23' 09.9" N+
	Longitude	081° 41' 20.7" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	278.0 meters
	Support Structure Height	278.0 meters
	Ground Elevation (AMSL)	317.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	262.4 meters
	Height of Radiation Center Above Average Terrain	307.1 meters
	Height of Radiation Center Above Mean Sea Level	579.4 meters
	Effective Radiated Power	435 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	85809
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-20EBT-R 4C150
	Rotation	0 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	0.317	90	0.993	180	0.985	270	0.979
10	0.298	100	0.995	190	0.963	280	0.927
20	0.293	110	0.999	200	0.945	290	0.821
30	0.358	120	0.997	210	0.953	300	0.669
40	0.498	130	0.979	220	0.979	310	0.498
50	0.669	140	0.953	230	0.997	320	0.358
60	0.822	150	0.945	240	0.999	330	0.293
70	0.927	160	0.963	250	0.995	340	0.298
80	0.979	170	0.985	260	0.993	350	0.317

Additional Azimuths

Degree	V _A
355	0.32
334	0.29
236	1
16	0.29
113	1

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>Akin S. Harrison , Esq . <i>Secretary</i></p> <p>06/28/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WKYC Reduced Power STA Request.pdf</u>	Applicant	General Information	STA Request