



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000081121 | Submit Date: 09/10/2019 | Call Sign: WTAT-TV | Facility ID: 416 | FRN: 0007282957 | State: South Carolina | City: CHARLESTON

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 09/11/2019 | 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?	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
WTAT LICENSEE, LLC Applicant Doing Business As: WTAT LICENSEE, LLC	Lisa Asher 2000 WEST 41ST STREET BALTIMORE, MD 21211 United States	+1 (410) 662- 9688	LAsher@cunninghambroadcasting. 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  
(3)

Contact Name	Address	Phone	Email	Contact Type
Esq Paul A. Cicelski A. Cicelski , Esq . Lerman Senter PLLC	Paul Cicelski 2001 L Street, NW Suite 400 Washington, DC 20036 United States	+1 (202) 416-6756	pcicelski@lrmansenter.com	Legal Representative
Esq Paul A. Cicelski R. Flick Lerman Senter PLLC	Scott Flick 2001 L Street, NW Suite 400 Washington, DC 20036 United States	+1 (202) 416-6756	test@fcc.gov	Legal Representative
P.E John E. Hidle E. Hidle , P. E . Carl T. Jones Corporation	John E. Hidle, PE 7901 Yarnwood Court Springfield, VA 22153-2827 United States	+1 (703) 569-7704	jhidle@ctjc.com	Technical Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	416
	State	South Carolina
	City	CHARLESTON
	DTV Channel	25
	Designated Market Area	Charleston SC
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?	Yes
	ASR Number	1042963
Coordinates (NAD83)	Latitude	32° 56' 25.0" N+
	Longitude	079° 41' 44.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	607.0 meters
	Support Structure Height	576.0 meters
	Ground Elevation (AMSL)	5.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	580.4 meters
	Height of Radiation Center Above Average Terrain	583.3 meters
	Height of Radiation Center Above Mean Sea Level	585.4 meters
	Effective Radiated Power	1000 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1005465
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TUD-P5SP-16/48-1-B
	Rotation	0 degrees
	Electrical Beam Tilt	1
	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	.891	90	.384	180	.244	270	.870
10	.870	100	.244	190	.384	280	.891
20	.913	110	.220	200	.567	290	.828
30	.992	120	.229	210	.681	300	.628
40	.972	130	.270	220	.747	310	.457
50	.854	140	.298	230	.854	320	.428
60	.747	150	.270	240	.972	330	.457
70	.681	160	.229	250	.992	340	.628
80	.567	170	.220	260	.913	350	.828

Additional Azimuths

Degree	V <sub>A</sub>
246	1.0

## 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>Michael Anderson Anderson</b> <i>President</i>  09/10/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Antenna Exhibits WCIV - STA Request - 8-26</u>	Applicant	General Information	WTAT-TV - Antenna exhibits for STA request sharing WCIV STA facilities
<u>Cunningham Joint Use Letter Agreement re WCIV WTAT - fully executed.pdf</u>	Applicant	General Information	Joint Use Letter Agreement
<u>WTAT request for STA 9.10.19.pdf</u>	Applicant	General Information	WTAT Request for STA