



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000106513 | Submit Date: 02/24/2020 | Call Sign: WZTV | Facility ID: 418 | FRN: 0006551758 | State: Tennessee | City: NASHVILLE

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 03/04/2020 | 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
WZTV LICENSEE, LLC Applicant Doing Business As: WZTV LICENSEE, LLC	Harvey Arnold 10706 Beaver Dam Road Cockeysville, MD 21030 United States	+1 (410) 568- 1500	harnold@sbgvtv. 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
(2)

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

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	418
	State	Tennessee
	City	NASHVILLE
	DTV Channel	20
	Designated Market Area	Nashville
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	1224078
Coordinates (NAD83)	Latitude	36° 15' 49.8" N+
	Longitude	086° 47' 38.9" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	381.3 meters
	Support Structure Height	381.3 meters
	Ground Elevation (AMSL)	243.2 meters
Antenna Data	Height of Radiation Center Above Ground Level	366 meters
	Height of Radiation Center Above Average Terrain	427 meters
	Height of Radiation Center Above Mean Sea Level	609.2 meters
	Effective Radiated Power	111.55 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006457
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-18DSC/VP-R P230
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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	.524	90	.418	180	.524	270	.418
10	.418	100	.524	190	.418	280	.524
20	.417	110	.688	200	.417	290	.688
30	.483	120	.647	210	.483	300	.847
40	.545	130	.960	220	.545	310	.960
50	.569	140	1.00	230	.569	320	1.00
60	.545	150	.960	240	.545	330	.960
70	.483	160	.847	250	.483	340	.847
80	.417	170	.688	260	.417	350	.688

Additional Azimuths

Degree	V _A
85	.405
265	.405
195	.405
15	.405

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.	Lucy Rutishauser Rutishauser CFO 02/24/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WZTV - Antenna exhibits - 2-6-2020 .pdf</u>	Applicant	General Information	WZTV - STA antenna exhibits - TFU-18DSC/VP-R P230.
<u>WZTV - Ch 20 - STA Request Technical Statement - 2-6-2020-A1.pdf</u>	Applicant	General Information	WZTV - Request for STA Technical Statement - 2-6-2020.
<u>WZTV - ch 20 -STA RFR Vert Pattern Dist - 2-6-2020 .pdf</u>	Applicant	General Information	WZTV - STA Environment and RF exposure compliance showing - 2-6-2020.