



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000063793** | Submit Date: **11/28/2018** | Call Sign: **WJSP-TV** | Facility ID: **23918** | FRN: **0001844976** |

State: **Georgia** | City: **COLUMBUS**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Superceded** | Status Date: **11/29/2018** | Filing Status: **InActive**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION Applicant Doing Business As: GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION	Elizabeth Laprade 260 14TH ST NW ATLANTA, GA 30318 United States	+1 (404) 685-2619	elaprade@gpb.org	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
Margaret L. Miller L. Miller Gray Miller Persh LLP	1200 New Hampshire Ave., NW Suite 410 Washington, DC 20036 United States	+1 (202) 776-2914	mmiller@graymillerpersh.com	Legal Representative
Ryan Wilhour Wilhour 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
Facility ID	23918	
State	Georgia	
City	COLUMBUS	
DTV Channel	23	
Facility Type	Facility Type	Noncommercial Educational
	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	1018795
Coordinates (NAD83)	Latitude	32° 51' 06.8" N+
	Longitude	084° 42' 05.5" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	336.0 meters
	Support Structure Height	321.0 meters
	Ground Elevation (AMSL)	398.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	243.8 meters
	Height of Radiation Center Above Average Terrain	380.3 meters
	Height of Radiation Center Above Mean Sea Level	641.8 meters
	Effective Radiated Power	30.5 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	80959
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TLP-24C (C)
	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	0.547	90	0.527	180	0.59	270	1
10	0.474	100	0.522	190	0.671	280	0.99
20	0.414	110	0.5	200	0.748	290	0.973
30	0.378	120	0.467	210	0.818	300	0.946
40	0.378	130	0.43	220	0.877	310	0.907
50	0.408	140	0.4	230	0.924	320	0.857
60	0.449	150	0.398	240	0.958	330	0.792
70	0.487	160	0.44	250	0.98	340	0.713
80	0.515	170	0.51	260	0.994	350	0.628

Additional Azimuths

Degree	V <sub>A</sub>
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## 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>Adam Woodlief Woodlief</b> <i>Chief Technical Officer</i>  11/28/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WJSP Engineering STA Narrative.pdf</u>	Applicant	General Information	WJSP Engineering STA Narrative