



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000075954** | Submit Date: **07/05/2019** | Call Sign: **WFXG** | Facility ID: **3228** | FRN: **0028123180** | State: **Georgia** | City: **AUGUSTA**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/16/2019** | Expiration Date:

Filing Status: **InActive**

General Information

Section	Question	Response
---------	----------	----------

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
AUGUSTA TV LLC Applicant Doing Business As: AUGUSTA TV LLC	220 SALTERS CREEK ROAD HAMPTON, VA 23661 United States	+1 (757) 726-0136	DHANNA@LOCKWOODBROADCAST.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
(1)

Contact Name	Address	Phone	Email	Contact Type
Coe W Ramsey W Ramsey Brooks Pierce et al.	150 Fayetteville Street Raleigh, NC 27601 United States	+1 (919) 839-0300	cramsey@brookspierce.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	3228
	State	Georgia
	City	AUGUSTA
	DTV Channel	31
	Designated Market Area	Augusta-Aiken
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	1045869
Coordinates (NAD83)	Latitude	33° 25' 01.0" N+
	Longitude	081° 50' 05.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	352.0 meters
	Support Structure Height	335.0 meters
	Ground Elevation (AMSL)	122.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	304.8 meters
	Height of Radiation Center Above Average Terrain	344.3 meters
	Height of Radiation Center Above Mean Sea Level	426.8 meters
	Effective Radiated Power	247 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005206
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-8WB
	Rotation	0 degrees
	Electrical Beam Tilt	Not Applicable
	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	0.971	90	0.842	180	0.640	270	0.840
10	0.976	100	0.788	190	0.609	280	0.882
20	0.988	110	0.713	200	0.531	290	0.920
30	0.998	120	0.612	210	0.450	300	0.956
40	0.998	130	0.504	220	0.433	310	0.984
50	0.984	140	0.435	230	0.503	320	0.998
60	0.956	150	0.452	240	0.611	330	0.998
70	0.921	160	0.533	250	0.711	340	0.987
80	0.883	170	0.610	260	0.786	350	0.976

Additional Azimuths

Degree	V _A
35	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.	David A Hanna A Hanna <i>President</i> 07/05/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WFXG-DT_Interim_Facility_Engineering.pdf</u>	Applicant	All Purpose	WFXG-DT Channel 31 Interim Facility Engineering, including power density calculation