



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000058535** | Submit Date: **07/24/2018** | Call Sign: **WJXT** | Facility ID: **53116** | FRN: **0002161107** | State: **Florida** | City: **JACKSONVILLE**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/31/2018** | Expiration Date: **01/28/2019**
 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	\$190.00
Total		\$190.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GRAHAM MEDIA GROUP, FLORIDA. INC. Doing Business As: GRAHAM MEDIA GROUP, FLORIDA. INC.	James Lowery 4 BROADCAST PLACE JACKSONVILLE, FL 32207 United States	+1 (904) 393- 9871	jlowery@wjxt. com	Corporation

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
Michael P Beder <i>Legal Counsel</i> COVINGTON & BURLING, LLP	One CityCenter 850 Tenth Street, NW WASHINGTON, DC 20004 United States	+1 (202) 662- 5138	MBEDER@COV.COM	Legal Representative
William T Godfrey , Jr . <i>Consulting Engineers</i> Kessler and Gehman Associates, Inc.	William T. Godfrey, Jr. Kessler and Gehman Associates, Inc. 507-D NW 60th Street Gainesville, FL 32607 United States	+1 (352) 332- 3157	bill@kesslerandgehman. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	53116	
State	Florida	
City	JACKSONVILLE	
DTV Channel	42	
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	3

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1016457
Coordinates (NAD83)	Latitude	30° 16' 36.0" N+
	Longitude	081° 33' 57.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	305.3 meters
	Support Structure Height	289.8 meters
	Ground Elevation (AMSL)	7.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	261.2 meters
	Height of Radiation Center Above Average Terrain	263.6 meters
	Height of Radiation Center Above Mean Sea Level	269.1 meters
	Effective Radiated Power	976 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1003962
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-24WB/VP-R C160 SP
	Rotation	0 degrees
	Electrical Beam Tilt	0.5
	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	0.756	90	0.385	180	0.965	270	0.873
10	0.668	100	0.272	190	0.997	280	0.901
20	0.527	110	0.358	200	0.992	290	0.948
30	0.355	120	0.530	210	0.952	300	0.988
40	0.273	130	0.671	220	0.903	310	0.994
50	0.387	140	0.758	230	0.873	320	0.964
60	0.528	150	0.811	240	0.867	330	0.911
70	0.584	160	0.857	250	0.870	340	0.856
80	0.527	170	0.912	260	0.868	350	0.810

Additional Azimuths

Degree	V _A
39	0.271
305	0.996
195	1.000
101	0.271

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>Michael Englehaupt <i>Vice President and CTO</i></p> <p>07/24/2018</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
STA Exhibit (EZ-Prop).pdf	Applicant	All Purpose	Antenna Electrical & Mechanical Data
WJXT - Purpose of STA.pdf	Applicant	All Purpose	Purpose for STA