



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000112908 | Submit Date: 04/29/2020 | Call Sign: WJCT | Facility ID: 73130 | FRN: 0001823111 | State: Florida | City: JACKSONVILLE

Service: DTV | Purpose: Engineering STA | Status: Superceded | Status Date: 04/30/2020 | Filing Status: InActive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
WJCT, INC. Applicant Doing Business As: WJCT, INC.	David McGowan 100 FESTIVAL PARK AVENUE JACKSONVILLE, FL 32202 United States	+1 (904) 358-6333	DMcGowan@wjct.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
Melodie A. Virtue A. Virtue Foster Garvey	1000 Potomac Street, NW Suite 200 WASHINGTON, DC 20007 United States	+1 (202) 298-2527	melodie.virtue@foster.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
Proposed Community of License	Facility ID	73130
	State	Florida
	City	JACKSONVILLE
	DTV Channel	9
	Designated Market Area	JACKSONVILLE
Facility Type	Facility Type	Noncommercial Educational
	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	1235223
Coordinates (NAD83)	Latitude	30° 16' 51.9" N+
	Longitude	081° 34' 12.2" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	317.9 meters
	Support Structure Height	282.2 meters
	Ground Elevation (AMSL)	2.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	264.4 meters
	Height of Radiation Center Above Average Terrain	260.7 meters
	Height of Radiation Center Above Mean Sea Level	266.8 meters
	Effective Radiated Power	21.1 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1006732
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TLSV4-BB
	Rotation	0 degrees
	Electrical Beam Tilt	2.50
	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	0.586	90	0.481	180	0.645	270	0.999
10	0.538	100	0.480	190	0.709	280	0.988
20	0.505	110	0.477	200	0.774	290	0.965
30	0.484	120	0.475	210	0.835	300	0.932
40	0.475	130	0.475	220	0.889	310	0.889
50	0.475	140	0.484	230	0.932	320	0.835
60	0.477	150	0.505	240	0.965	330	0.774
70	0.480	160	0.538	250	0.988	340	0.709
80	0.481	170	0.586	260	0.999	350	0.645

Additional Azimuths

Degree	V _A
265	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 McGowan McGowan <i>President and CEO</i> 04/29/2020

Attachments

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