



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000048430** | Submit Date: **03/08/2018** | Call Sign: **WTCE-TV** | Facility ID: **29715** | FRN: **0005020243** |

State: **Florida** | City: **FORT PIERCE**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/16/2018** | Expiration Date: |

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
JACKSONVILLE EDUCATORS BROADCASTING, INC. Applicant Doing Business As: JACKSONVILLE EDUCATORS BROADCASTING, INC.	PO Box 721800 HOUSTON, TX 77272 United States	+1 (281) 983-7109	cmmay@maylawoffices. 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
Kevin T. Fisher T. Fisher Smith & Fisher	4791 Wintergreen Court Woodbridge, VA 22192 United States	+1 (703) 505-1751	Kevin@smithandfisher.com	Technical Representative
Coby M May M May COLBY M. MAY, Esq., P.C.	P. O. Box 15473 WASHINGTON, DC 20003 United States	+1 (202) 544-5171	CMMAY@MAYLAWOFFICES.COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	29715
	State	Florida
	City	FORT PIERCE
	DTV Channel	38
	Designated Market Area	WEST PALM BEACH-FT. PIERCE
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	1018573
Coordinates (NAD83)	Latitude	27° 01' 32.0" N+
	Longitude	080° 10' 41.9" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	311.5 meters
	Support Structure Height	286.8 meters
	Ground Elevation (AMSL)	4.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	121.9 meters
	Height of Radiation Center Above Average Terrain	123.3 meters
	Height of Radiation Center Above Mean Sea Level	126.8 meters
	Effective Radiated Power	400 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1002881
Antenna Manufacturer and Model	Manufacturer:	RFS
	Model	RD-12RFS(H)-500626-SM
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	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	0.963	90	0.388	180	0.957	270	0.209
10	0.836	100	0.401	190	0.807	280	0.201
20	0.623	110	0.381	200	0.601	290	0.240
30	0.439	120	0.367	210	0.415	300	0.305
40	0.367	130	0.439	220	0.305	310	0.415
50	0.381	140	0.623	230	0.240	320	0.601
60	0.401	150	0.836	240	0.201	330	0.807
70	0.388	160	0.963	250	0.209	340	0.957
80	0.360	170	1.000	260	0.217	350	1.000

Additional Azimuths

Degree	V _A
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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	<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>	
	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.	<p>John B. Casoria Esq. B. Casoria , Esq. . <i>Assistant Secretary</i></p> <p>03/08/2018</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>20180302 -- WTCE STA Request.pdf</u>	Applicant	General Information	
<u>WTCE-DT STA Request Engineering.pdf</u>	Applicant	General Information	WTCE-DT Engineering in Support of Request for STA to use Temporary Antenna in Order to Facilitate Installation of Repack Antenna