



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000125151** | Submit Date: **10/28/2020** | Call Sign: **WEIQ** | Facility ID: **721** | FRN: **0001750314** | State: **Alabama** | City: **MOBILE**  
Service: **DTV** | Purpose: **Engineering STA** | Status: **Pending** | Status Date: **10/28/2020** | Filing Status: **Active**

## General Information

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

## 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**

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>ALABAMA EDUCATIONAL TELEVISION COMMISSION</b> Doing Business As: ALABAMA EDUCATIONAL TELEVISION COMMISSION	Windell L. Wood 2112 11TH AVE SOUTH Suite 400 BIRMINGHAM, AL 35205 United States	+1 (205) 451-0132	wwood@aptv. org	Government Entity

---

**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
<b>M. SCOTT JOHNSON , ESQ .</b> <i>Legal Representative</i> Smithwick & Belendiuk PC	M. SCOTT JOHNSON 5028 WISCONSIN AVENUE NW SUITE 301 WASHINGTON, DC 20016 United States	+1 (202) 256- 5941	SJOHNSON@FCCWORLD. COM	Legal Representative
<b>Ryan Wilhour</b> <i>Consulting Engineer</i> Kessler and Gehman Associates, Inc.	507 NW 60th Street Suite C Gainesville, FL 32607 United States	+1 (352) 332- 3157	ryan@kesslerandgehman. com	Technical Representative

**Channel and Facility Information**

Section	Question	Response
<b>Proposed Community of License</b>	Facility ID	721
	State	Alabama
	City	MOBILE
	DTV Channel	30
	Designated Market Area	MOBILE-PENSACOLA (FT WALT)
<b>Facility Type</b>	Facility Type	Noncommercial Educational
	Station Type	Main
<b>Zone</b>	Zone	3

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1036419
<b>Coordinates (NAD83)</b>	Latitude	30° 39' 34.0" N+
	Longitude	087° 53' 33.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	166.2 meters
	Support Structure Height	166.4 meters
	Ground Elevation (AMSL)	50.9 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	158 meters
	Height of Radiation Center Above Average Terrain	185.2 meters
	Height of Radiation Center Above Mean Sea Level	208.9 meters
	Effective Radiated Power	427 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Non-Directional
	Do you have an Antenna ID?	
	Antenna ID	1001711
<b>Antenna Manufacturer and Model</b>	Manufacturer:	Dielectric
	Model	TFU-26JTH/VP-R O4 (SP)
	Rotation	
	Electrical Beam Tilt	0.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
<b>DTV and DTS: Elevation Pattern</b>	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	

**Certification**

Section	Question	Response
<p><b>General Certification Statements</b></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><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></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><b>Windell L. Wood</b>  <i>COO and Director of Engineering</i></p> <p>10/28/2020</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<u><a href="#">BASIS FOR WEIQ TECHNICAL STA.pdf</a></u>	Applicant	General Information	Basis for WEIQ Engineering STA