



(REFERENCE COPY - Not for submission)

LPTV Translator Engineering STA Application

File Number: **0000193538** | Submit Date: **06/20/2022** | Call Sign: **W25FP-D** | Facility ID: **23945** | FRN: **0001844976** | State: **Georgia** | City: **YOUNG HARRIS**
Service: **LPT** | Purpose: **Engineering STA** | Status: **Pending** | Status Date: **06/20/2022** | Filing Status: **Active**

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?	Yes
	Indicate reason for fee exemption:	Georgia Public Telecommunications Commission is a non-commercial educational entity
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
GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION Doing Business As: GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION	Elizabeth Moylan Laprade 260 14TH ST NW ATLANTA, GA 30318 United States	+1 (404) 685-2619	elaprade@gpb. 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
(1)**

Contact Name	Address	Phone	Email	Contact Type
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 32607-2055 United States	+1 (352) 332- 3157	bill@kesslerandgehman. com	Technical Representative

**Channel and
Facility
Information**

Section	Question	Response
Facility ID	23945	
State	Georgia	
City	YOUNG HARRIS	
LPT Channel	25	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	34° 57' 13.5" N+
	Longitude	083° 43' 48.8" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	65.2 meters
	Support Structure Height	61.0 meters
	Ground Elevation (AMSL)	968.3 meters
Antenna Data	Height of Radiation Center Above Ground Level	56.9 meters
	Height of Radiation Center Above Mean Sea Level	1025.2 meters
	Effective Radiated Power	4.7 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1009682
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TUM-LP-C3-2/6M-1-K
	Rotation	270 degrees
	Electrical Beam Tilt	0.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.938	90	1.000	180	0.096	270	0.964
10	0.913	100	0.939	190	0.126	280	0.925
20	0.745	110	0.811	200	0.134	290	0.690
30	0.650	120	0.665	210	0.154	300	0.572
40	0.835	130	0.559	220	0.399	310	0.812
50	0.786	140	0.403	230	0.563	320	0.806
60	0.542	150	0.157	240	0.658	330	0.606
70	0.689	160	0.176	250	0.767	340	0.713
80	0.929	170	0.115	260	0.901	350	0.878

Additional Azimuths

Degree	V _A
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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>William T. Godfrey , Jr . <i>KGA - Consulting Engineers</i></p> <p>06/20/2022</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>Engineering Technical Statement.pdf</u>	Applicant	STA Purpose	Engineering Technical Statement
<u>W25FP-D C-71463-1 CH 25 EZ Prop.pdf</u>	Applicant	General Information	Antenna Electrical & Mechanical Data
<u>W25FP-D TV Translator Construction Permit (0000162659).pdf</u>	Applicant	General Information	Underlying Construction Permit