



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: | Submit Date: **02/12/2021** | Facility ID: **23945** | FRN: **0001844976** | State: **Georgia** | City:  
**YOUNG HARRIS**

Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **02/24/2021** | Expiration Date: |

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?	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:	

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION Applicant 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	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  
(3)

Contact Name	Address	Phone	Email	Contact Type
Derek Teslik L. Miller Gray Miller Persh, LLP	2233 Wisconsin Ave NW Ste 226 Washington, DC 20007 United States	+1 (202) 559-7489	dteslik@graymillerpersh.com	Legal Representative
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Ryan C Wilhour C 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
Facility ID	23945	
State	Georgia	
City	YOUNG HARRIS	
LPD Channel		

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° 52' 27.3" N+
	Longitude	083° 48' 37.6" W-
	Structure Type	OTHER-Decommissioned Lookout Tower
	Overall Structure Height	20 meters
	Support Structure Height	20 meters
	Ground Elevation (AMSL)	1458.2 meters
Antenna Data	Height of Radiation Center Above Ground Level	15 meters
	Height of Radiation Center Above Mean Sea Level	1473.2 meters
	Effective Radiated Power	5 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007859
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TUM-LP-C2-1/2M-1-K
	Rotation	35 degrees
	Electrical Beam Tilt	0.0
	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	0.936	90	0.51	180	0.210	270	0.523
10	0.846	100	0.346	190	0.178	280	0.669
20	0.757	110	0.179	200	0.09	290	0.81
30	0.864	120	0.063	210	0.03	300	0.925
40	0.995	130	0.044	220	0.022	310	0.987
50	0.981	140	0.013	230	0.035	320	0.983
60	0.922	150	0.054	240	0.08	330	0.849
70	0.810	160	0.089	250	0.201	340	0.757
80	0.661	170	0.165	260	0.366	350	0.861

Additional Azimuths

Degree	V <sub>A</sub>
42	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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Elizabeth Laprade</b> <b>Laprade</b> <i>CFO</i>  02/12/2021

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">W12DK Engineering STA Narrative.pdf</a>	Applicant	General Information	W12DK Engineering STA Narrative