



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000184933 | Submit Date: 02/16/2022 | Call Sign: KNXG-LD | Facility ID: 182059 | FRN: 0018223693 |

State: Texas | City: COLLEGE STATION

Service: LPD | Purpose: Engineering STA | Status: Granted | Status Date: 02/25/2022 | Expiration Date: 03/25/2022 |

Filing Status: InActive

General Information

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

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:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGL	\$270.00
Total		\$270.00

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC	4370 PEACHTREE ROAD, NE ATLANTA, GA 30319 United States	+1 (202) 750- 1585	robert. folliard@gray.tv	Limited Liability Company

**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
Joseph M. Davis , P.E. . <i>Consulting Engineer</i> Chesapeake RF Consultants, LLC	207 Old Dominion Road Yorktown, VA 23692 United States	+1 (703) 650- 9600	Joseph.Davis@RF- consultants.com	Technical Representative
Joan Stewart Wiley Rein LLP	Joan Stewart 2050 M Street NW Washington, DC 20036 United States	+1 (202) 719- 7438	jstewart@wiley.law	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	182059
	State	Texas
	City	COLLEGE STATION
	LPD Channel	27
	Designated Market Area	Waco-Temple-Bryan

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1062868
Coordinates (NAD83)	Latitude	30° 33' 16.5" N+
	Longitude	096° 01' 52.3" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	502.9 meters
	Support Structure Height	487.7 meters
	Ground Elevation (AMSL)	101.1 meters
Antenna Data	Height of Radiation Center Above Ground Level	411.5 meters
	Height of Radiation Center Above Mean Sea Level	512.6 meters
	Effective Radiated Power	1.5 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1008764
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	ALP12L6-ESOC-27
	Rotation	345 degrees
	Electrical Beam Tilt	1.5
	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	1.000	90	0.693	180	0.668	270	0.693
10	0.995	100	0.656	190	0.666	280	0.738
20	0.980	110	0.633	200	0.658	290	0.789
30	0.957	120	0.622	210	0.646	300	0.840
40	0.925	130	0.623	220	0.633	310	0.887
50	0.887	140	0.633	230	0.623	320	0.925
60	0.840	150	0.646	240	0.622	330	0.957
70	0.789	160	0.658	250	0.633	340	0.980
80	0.738	170	0.666	260	0.656	350	0.995

Additional Azimuths

Degree	V <sub>A</sub>
--------	----------------

## 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>Robert Folliard , III .</b> <i>Assistant Secretary</i>  02/16/2022

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KNXG-LD STA request ENG 02-16-2022.pdf</a>	Applicant	All Purpose	KNXG-LD STA engineering exhibits
<a href="#">KNXG STA Exhibit.pdf</a>	Applicant	All Purpose	KNXG STA Exhibit