



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000055671 | Submit Date: 07/02/2018 | Call Sign: K49JX-D | Facility ID: 167155 | FRN: 0018223693 |

State: Colorado | City: MONTROSE

Service: LPD | Purpose: Engineering STA | Status: Dismissed | Status Date: 07/11/2018 | Filing Status: InActive

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:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGL	\$190.00
Total		\$190.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC Applicant Doing Business As: GRAY TELEVISION LICENSEE, LLC	2531 BLICHMANN AVENUE GRAND JUNCTION, CO 81505 United States	+1 (970) 243-1111	Robert.Folliard@gray.tv	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
Joseph Davis Davis 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 STEWART WILEY REIN LLP	1776 K Street, NW Washington, DC 20006 United States	+1 (202) 719- 7438	JSTEWART@WILEYREIN. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	167155	
State	Colorado	
City	MONTROSE	
LPD Channel	23	

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	38° 18' 55.0" N+
	Longitude	108° 12' 17.4" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	60.0 meters
	Support Structure Height	60.0 meters
	Ground Elevation (AMSL)	3045.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	56 meters
	Height of Radiation Center Above Mean Sea Level	3101.0 meters
	Effective Radiated Power	11.7 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1003912
Antenna Manufacturer and Model	Manufacturer:	KAT
	Model	4x2 750 10455
	Rotation	0 degrees
	Electrical Beam Tilt	1.2
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
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	0.224	90	0.713	180	0.375	270	0.527
10	0.405	100	0.517	190	0.556	280	0.362
20	0.598	110	0.302	200	0.766	290	0.171
30	0.754	120	0.198	210	0.909	300	0.109
40	0.882	130	0.138	220	0.984	310	0.089
50	0.969	140	0.064	230	0.998	320	0.020
60	0.986	150	0.016	240	0.940	330	0.052
70	0.935	160	0.163	250	0.818	340	0.103
80	0.843	170	0.289	260	0.669	350	0.155

Additional Azimuths

Degree	V _A
57	0.990
227	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	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID 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.	Robert J. Folliard III J. Folliard , III . <i>Assistant Secretary</i> 07/02/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
K49JX-D STA Statement.pdf	Applicant	General Information	STA Statement
T-Mobile Letter.pdf	Applicant	General Information	T-Mobile Letter