



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000121633** | Submit Date: **09/14/2020** | Call Sign: **KFSN-TV** | Facility ID: **8620** | FRN: **0013597398** | State: **California** | City: **FRESNO**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **10/13/2020** | Expiration Date: **04/12/2021**
 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:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGT	\$200.00
Total		\$200.00

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KFSN TELEVISION, LLC Doing Business As: KFSN TELEVISION, LLC	John W. Zucker 77 WEST 66TH STREET, 16TH FLOOR ATTN: JOHN W. ZUCKER NEW YORK, NY 10023 United States	+1 (212) 456-7777	john.w. zucker@abc. com	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
(3)**

Contact Name	Address	Phone	Email	Contact Type
Susan Fox The Walt Disney Company	425 3rd Street SW Suite 1100 Washington, DC 10023 United States	+1 (202) 222- 4780	Susan.Fox@disney.com	Legal Representative
William J Getz <i>Consulting Engineer</i> Carl T. Jones Corporation	7901 Yarnwood Ct Springfield, VA 22153 United States	+1 (703) 569- 7704	wgetz@ctjc.com	Technical Representative
Grace Kavody ABC, Inc.	77 W 66th St., 16 Fl. New York, NY 10023 United States	+1 (212) 456- 6686	Grace.Kavadoy@disney. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	8620
	State	California
	City	FRESNO
	DTV Channel	30
	Designated Market Area	Fresno-Visalia
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1012372
Coordinates (NAD83)	Latitude	36° 40' 02.0" N+
	Longitude	118° 52' 45.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	147.8 meters
	Support Structure Height	146.0 meters
	Ground Elevation (AMSL)	2410.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	115 meters
	Height of Radiation Center Above Average Terrain	763 meters
	Height of Radiation Center Above Mean Sea Level	2525.0 meters
	Effective Radiated Power	219 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007328
Antenna Manufacturer and Model	Manufacturer:	Andrew
	Model	ATW-22H4-ESC1-28H
	Rotation	0 degrees
	Electrical Beam Tilt	1
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
DTV and DTS: Elevation 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	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.979	90	.196	180	.979	270	.993
10	.922	100	.192	190	.993	280	.989
20	.809	110	.232	200	.999	290	.967
30	.695	120	.357	210	.995	300	.94
40	.605	130	.501	220	.97	310	.941
50	.501	140	.605	230	.941	320	.97
60	.357	150	.695	240	.94	330	.995
70	.232	160	.809	250	.967	340	.999
80	.192	170	.922	260	.989	350	.993

Additional Azimuths

Degree	V _A
271	1

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>John W Zucker <i>Assistant Secretary</i></p> <p>09/14/2020</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
KFSNTV Nature of STA.pdf	Applicant	General Information	Nature of STA