



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000063895** | Submit Date: **11/30/2018** | Call Sign: **KUTV** | Facility ID: **35823** | FRN: **0021144076** | State: **Utah** | City: **SALT LAKE CITY**  
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **12/07/2018** | Expiration Date: **06/06/2019** | Filing Status: **InActive**

**General Information**

Section	Question	Response
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**Fees, Waivers, and Exemptions**

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
<b>Waivers</b>	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
<b>Total</b>		<b>\$200.00</b>

**Applicant  
Information**

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

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>KUTV Licensee, LLC</b> Doing Business As: KUTV Licensee, LLC	Miles S. Mason, Esq. Pillsbury Winthrop Shaw Pittman LLP 1200 Seventeenth Street, NW Washington, DC 20036 United States	+1 (202) 663-8195	MILES. MASON@PILLSBURYLAW. COM	Limited Liability Company

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**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
<b>Paul A. Cicelski , Esq .</b> Lerman Senter PLLC	2001 L St NW Suite 400 Washington, DC 20036 United States	+1 (202) 416- 6756	pcicelski@lermansenter. com	Legal Representative
<b>John E Hidle , PE .</b> <i>Consulting Engineer</i> Carl T. Jones Corporation	John E. Hidle, PE 7901 Yarnwood Court Springfield, VA 22153 United States	+1 (703) 569- 7704	jhidle@ctjc.com	Technical Representative

**Channel and Facility Information**

Section	Question	Response
Facility ID	35823	
State	Utah	
City	SALT LAKE CITY	
DTV Channel	34	
<b>Facility Type</b>	Facility Type	Commercial
	Station Type	Main
<b>Zone</b>	Zone	2

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1062408
<b>Coordinates (NAD83)</b>	Latitude	40° 39' 33.0" N+
	Longitude	112° 12' 10.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	94.0 meters
	Support Structure Height	94.0 meters
	Ground Elevation (AMSL)	2754.0 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	88 meters
	Height of Radiation Center Above Average Terrain	1267 meters
	Height of Radiation Center Above Mean Sea Level	2842.0 meters
	Effective Radiated Power	423 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	39866
<b>Antenna Manufacturer and Model</b>	Manufacturer:	KAT
	Model	K773928
	Rotation	352 degrees
	Electrical Beam Tilt	0.5
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>DTV and DTS: Elevation Pattern</b>	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	0.728	90	0.634	180	0.593	270	0.945
10	0.849	100	0.495	190	0.546	280	0.909
20	0.926	110	0.594	200	0.701	290	0.767
30	0.914	120	0.798	210	0.757	300	0.575
40	0.831	130	0.9	220	0.648	310	0.61
50	0.718	140	0.931	230	0.613	320	0.776
60	0.569	150	0.982	240	0.772	330	0.767
70	0.589	160	0.991	250	0.913	340	0.608
80	0.702	170	0.842	260	0.945	350	0.579

**Additional Azimuths**

Degree	V <sub>A</sub>
325	0.802
304	0.553
24	0.934
186	0.527
156	1

**Certification**

Section	Question	Response
<p><b>General Certification Statements</b></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><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></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><b>David B Amy</b>  <i>Secretary Sinclair Television Group Inc</i></p> <p>11/30/2018</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KUTV ENGINEERING STA REQUEST.pdf</a>	Applicant	General Information	KUTV STA Request Narrative.