



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000205688** | Submit Date: **12/19/2022** | Call Sign: **KFOX-TV** | Facility ID: **33716** | FRN: **0022463855** | State: **Texas** | City: **EL PASO**  
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **01/03/2023** | Expiration Date: **07/02/2023**  
 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	MPV	\$270.00
<b>Total</b>		<b>\$270.00</b>

**Applicant Information**

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

Applicant	Address	Phone	Email	Applicant Type
<b>KFOX Licensee, LLC</b> Doing Business As: KFOX Licensee, LLC	Harvey Arnold 10706 Beaver Dam Road Cockeysville, MD 21030 United States	+1 (410) 568- 1500	FCCContact@sbgvtv. 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> <i>Legal Representative</i> Lerman Senter PLLC	Paul A. Cicelski, Esq 2001 L. Street NW Suite 400 Washington, DC 20036 United States	+1 (202) 416- 6756	pcicelski@lrmansenter. 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**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Proposed Community of License</b>	Facility ID	33716
	State	Texas
	City	EL PASO
	DTV Channel	15
	Designated Market Area	El Paso (Las Cruces)
<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	1025977
<b>Coordinates (NAD83)</b>	Latitude	31° 48' 55.0" N+
	Longitude	106° 29' 22.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	111.6 meters
	Support Structure Height	93.9 meters
	Ground Elevation (AMSL)	1752.0 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	102 meters
	Height of Radiation Center Above Average Terrain	602 meters
	Height of Radiation Center Above Mean Sea Level	1854.0 meters
	Effective Radiated Power	173 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1010320
<b>Antenna Manufacturer and Model</b>	Manufacturer:	Dielectric
	Model	TFU-24GTH/VP-R 4P200 BB
	Rotation	0 degrees
	Electrical Beam Tilt	1.05
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
<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	.561	90	.745	180	.561	270	.745
10	.629	100	.900	190	.629	280	.900
20	.665	110	.988	200	.665	290	.988
30	.665	120	.988	210	.665	300	.988
40	.629	130	.900	220	.629	310	.900
50	.561	140	.745	230	.561	320	.745
60	.485	150	.575	240	.486	330	.576
70	.473	160	.473	250	.473	340	.473
80	.576	170	.486	260	.576	350	.486

**Additional Azimuths**

Degree	V <sub>A</sub>
344	.465
295	1.00
205	.670
115	1.00

**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>Lucy Rutishouser</b> <i>CFO</i></p> <p>12/19/2022</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#"><u>KFOX-TV - Antenna Exhibits for STA - 12-16-2022 .pdf</u></a>	Applicant	All Purpose	KFOX-TV - Antenna Exhibits for STA Request
<a href="#"><u>KFOX-TV - Ch 15 - STA Justification Statement - 12-19-2022 -A1 .pdf</u></a>	Applicant	General Information	KFOX-TV - Justification for STA request to operate on main antenna using 173 kW ERP pending installation of new transmitter.
<a href="#"><u>KFOX-TV STA Ex1 Coverage Map - 12-16-2022 .pdf</u></a>	Applicant	General Information	KFOX-TV - Exhibit 1 - SYA Coverage Map showing Noise Limited and Principal Community Contours.