



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000064545** | Submit Date: **01/02/2019** | Call Sign: **KREM** | Facility ID: **34868** | FRN: **0001582782** | State: **Washington** | City: **SPOKANE**  
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **01/28/2019** | Expiration Date: **07/28/2019**  
 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>KING BROADCASTING COMPANY</b>	Denise Branson, Sr. Paralegal TEGNA, Inc. 7950 James Branch Drive McLean, VA 22107 United States	+1 (703) 873- 6606	dbranson@TEGNA. com	Corporation

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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  
(1)**

Contact Name	Address	Phone	Email	Contact Type
<b>Michael Beder , Esq .</b> <i>Associate General Counsel</i> KING BROADCASTING COMPANY	7950 James Branch Drive McLean, VA 22107 United States	+1 (703) 873- 6902	mbeder@TEGNA. com	Legal Representative

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**Channel and Facility Information**

Section	Question	Response
Facility ID	34868	
State	Washington	
City	SPOKANE	
DTV Channel	20	
<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	1033992
<b>Coordinates (NAD83)</b>	Latitude	47° 35' 41.0" N+
	Longitude	117° 17' 57.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	286.5 meters
	Support Structure Height	258.3 meters
	Ground Elevation (AMSL)	1100.0 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	242 meters
	Height of Radiation Center Above Average Terrain	641 meters
	Height of Radiation Center Above Mean Sea Level	1342.0 meters
	Effective Radiated Power	270 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	64696
<b>Antenna Manufacturer and Model</b>	Manufacturer:	DIE
	Model	TFU-24DSB-H(C)
	Rotation	0 degrees
	Electrical Beam Tilt	1
	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	0.776	90	0.56	180	0.468	270	0.777
10	0.768	100	0.467	190	0.56	280	0.816
20	0.779	110	0.43	200	0.688	290	0.885
30	0.828	120	0.452	210	0.81	300	0.949
40	0.855	130	0.495	220	0.891	310	0.984
50	0.911	140	0.521	230	0.918	320	1
60	0.88	150	0.511	240	0.885	330	0.977
70	0.788	160	0.477	250	0.834	340	0.917
80	0.673	170	0.446	260	0.793	350	0.842

**Additional Azimuths**

Degree	V <sub>A</sub>
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**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>Akin S. Harrison , Esq .</b> <i>Secretary</i></p> <p>01/02/2019</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KREM Reduced Power STA Request.pdf</a>	Applicant	General Information	STA Request
<a href="#">KREM STA Cancellation Letter (As-Filed Copy) January 30 2019.pdf</a>	Internal	All Purpose	STA Cancellation Request