



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000185455** | Submit Date: **02/28/2022** | Call Sign: **KOAM-TV** | Facility ID: **58552** | FRN: **0026536037** |

State: **Kansas** | City: **PITTSBURG**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/07/2022** | Expiration Date: **09/06/2022** |

Filing Status: **InActive**

General Information

Section	Question	Response
---------	----------	----------

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	MPV	\$270.00
Total		\$270.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
QueenB Television of Kansas /Missouri, LLC Doing Business As: KOAM	Glenn R. Krieg 7025 Raymond Road Madison, WI 53744 United States	+1 (608) 271- 4321	glenn@embtv. 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
<b>Jonathan E. Allen , Esquire .</b> Rini O'Neil, PC	1200 New Hampshire Avenue, NW Suite 600 WASHINGTON, DC 20036 United States	+1 (202) 955- 3937	jallen@rinioneil. com	Legal Representative
<b>Erik C Swanson , PE .</b> Hatfield & Dawson Consulting Engineers	9500 Greenwood Ave N Seattle, WA 98103 United States	+1 (206) 783- 9151	eswanson@hatdaw. com	Technical Representative
<b>Bill Vickery</b> <i>Director of Engineering</i> QueenB Television of Kansas /Missouri, LLC	PO Box 659 Pittsburg, KS 66762 United States	+1 (417) 624- 0233	bvickery@koamtv. com	Technical Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	58552
	State	Kansas
	City	PITTSBURG
	DTV Channel	7
	Designated Market Area	Joplin-Pittsburg
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	1032005
Coordinates (NAD83)	Latitude	37° 13' 15.0" N+
	Longitude	094° 42' 26.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	344.1 meters
	Support Structure Height	310.3 meters
	Ground Elevation (AMSL)	271.2 meters
Antenna Data	Height of Radiation Center Above Ground Level	292 meters
	Height of Radiation Center Above Average Terrain	292 meters
	Height of Radiation Center Above Mean Sea Level	563.2 meters
	Effective Radiated Power	20 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1009332
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	(2) THB-C2-2H/4UD-1-S
	Rotation	90 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
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	1.000	90	0.866	180	0.100	270	0.866
10	0.969	100	0.779	190	0.098	280	0.940
20	0.902	110	0.675	200	0.094	290	0.985
30	0.866	120	0.550	210	0.087	300	1.000
40	0.940	130	0.403	220	0.236	310	0.985
50	0.985	140	0.236	230	0.403	320	0.940
60	1.000	150	0.087	240	0.550	330	0.866
70	0.985	160	0.094	250	0.675	340	0.902
80	0.940	170	0.098	260	0.779	350	0.969

Additional Azimuths

Degree	V <sub>A</sub>
--------	----------------

## 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	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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.	<b>Bill Vickery</b> <i>Director of Engineering</i>  02/28/2022

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">Engineering STA (185455) Variance Reduced power.docx</a>	Internal	All Purpose	Processed STA Letter
<a href="#">KOAM-TV Ch7 STA Request Jan 2022.pdf</a>	Applicant	General Information	Engineering STA Request