



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000163252 | Submit Date: 10/07/2021 | Call Sign: KCPT | Facility ID: 53843 | FRN: 0003229739 | State: Missouri | City: KANSAS CITY

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 10/13/2021 | Expiration Date:

Filing Status: InActive

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Public Television 19, Inc. Applicant Doing Business As: Public Television 19, Inc.	125 EAST 31ST STREET KANSAS CITY, MO 64108 United States	+1 (816) 756-3580	mroberts@kansascitypbs.org	Other

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
Derek Teslik Teslik Gray Miller Persh LLP	2233 Wisconsin Avenue NW, Ste. 226 Washington, DC 20007 United States	+1 (202) 559- 7489	dteslik@graymillerpersh. com	Legal Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	53843
	State	Missouri
	City	KANSAS CITY
	DTV Channel	18
	Designated Market Area	KANSAS CITY
Facility Type	Facility Type	Noncommercial Educational
	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	1057465
Coordinates (NAD83)	Latitude	39° 04' 59.0" N+
	Longitude	094° 28' 50.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	372.0 meters
	Support Structure Height	357.0 meters
	Ground Elevation (AMSL)	252.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	160 meters
	Height of Radiation Center Above Average Terrain	152 meters
	Height of Radiation Center Above Mean Sea Level	412.0 meters
	Effective Radiated Power	645 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1008786
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-16WB-R S230
	Rotation	0 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	.427	90	.707	180	.969	270	.372
10	.355	100	.774	190	.935	280	.292
20	.285	110	.833	200	.890	290	.355
30	.257	120	.886	210	.838	300	.284
40	.293	130	.931	220	.778	310	.354
50	.373	140	.967	230	.712	320	.426
60	.466	150	.991	240	.637	330	.477
70	.556	160	1.0	250	.554	340	.496
80	.632	170	.992	260	.464	350	.478

Additional Azimuths

Degree	V <sub>A</sub>
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## 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>Jeff Evans Evans</b> <b>CTO</b>  10/07/2021

Attachments

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