



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000059905 | Submit Date: 09/26/2018 | Call Sign: WKPT-TV | Facility ID: 27504 | FRN: 0001770163 |

State: Tennessee | City: KINGSPORT

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 09/28/2018 | Expiration Date: |

Filing Status: InActive

General Information

Section	Question	Response
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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	MGT	\$200.00
Total		\$200.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
HOLSTON VALLEY BROADCASTING CORPORATION Applicant Doing Business As: HOLSTON VALLEY BROADCASTING CORPORATION	Nathan D. Widener 222 COMMERCE STREET KINGSPORT, TN 37660 United States	+1 (423) 246-9578	davidw@wtfm.com	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
(2)

Contact Name	Address	Phone	Email	Contact Type
Dennis J Kelly J Kelly LAW OFFICE OF DENNIS J. KELLY	POST OFFICE BOX 41177 WASHINGTON, DC 20018 United States	+1 (888) 322- 5291	dkellyfcclaw1@comcast. net	Legal Representative
Ryan C Wilhour C Wilhour Kessler and Gehman Associates, Inc.	507 NW 60TH ST STE D Gainesville, FL 32607 United States	+1 (352) 332- 3157	ryan@kesslerandgehman. com	Technical Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	27504
	State	Tennessee
	City	KINGSPORT
	DTV Channel	27
	Designated Market Area	Tri-Cities TN-VA
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	1042697
Coordinates (NAD83)	Latitude	36° 25' 54.7" N+
	Longitude	082° 08' 15.2" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	69.5 meters
	Support Structure Height	53.1 meters
	Ground Elevation (AMSL)	1267.7 meters
Antenna Data	Height of Radiation Center Above Ground Level	34.1 meters
	Height of Radiation Center Above Average Terrain	676.4 meters
	Height of Radiation Center Above Mean Sea Level	1301.8 meters
	Effective Radiated Power	200 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004160
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TLP-16E
	Rotation	0 degrees
	Electrical Beam Tilt	1
	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	0.725	90	0.127	180	0.136	270	0.570
10	0.590	100	0.139	190	0.128	280	0.693
20	0.457	110	0.166	200	0.153	290	0.820
30	0.347	120	0.198	210	0.190	300	0.928
40	0.278	130	0.225	220	0.222	310	0.988
50	0.231	140	0.240	230	0.254	320	1.000
60	0.195	150	0.226	240	0.301	330	0.995
70	0.162	160	0.197	250	0.369	340	0.945
80	0.137	170	0.164	260	0.459	350	0.848

Additional Azimuths

Degree	V _A
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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	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID 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.	Nathan David Widener David Widener <i>President</i> 09/26/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WKPT-TV Engineering STA Narrative.pdf</u>	Applicant	General Information	WKPT-TV Engineering STA Narrative