



(REFERENCE COPY - Not for submission)

# Amendment to a Rulemaking Channel Substitution/Community of License Change for DTV Application

File Number: **0000203784** | Submit Date: **01/09/2023** | Call Sign: **WBRA-TV** | Facility ID: **5981** | FRN: **0004654091** | State: **Virginia** | City: **ROANOKE**

Service: **DTV** | Purpose: **Amendment** | Status: **Granted** | Status Date: **03/15/2023** | Expiration Date: | Filing Status: **InActive** | NPRM Date: **01/11/2023** | Report and Order Date: **03/15/2023**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	No

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
BLUE RIDGE PUBLIC TELEVISION, INC. Doing Business As: Blue Ridge PBS	William Anderson 1215 McNeil Dr. ROANOKE, VA 24015 United States	+1 (540) 334-0991	wanderson@blueridgepbs.org	Not-for-Profit

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>Brad Deutsch</b> Foster Garvey PC	1000 Potomac Street, N.W. Suite 200 Washington, DC 20007 United States	+1 (202) 298- 1793	brad.deutsch@foster. com	Legal Representative
<b>William T. Godfrey , Jr .</b> <i>Consulting Engineers</i> Kessler and Gehman Associates, Inc.	William T. Godfrey, Jr. Kessler and Gehman Associates, Inc. 507-D NW 60th Street Gainesville, FL 32607-2055 United States	+1 (352) 332- 3157	bill@kesslerandgehman. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	5981
	State	Virginia
	City	ROANOKE
	DTV Channel	13
	Designated Market Area	ROANOKE-LYNCHBURG
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	1017598
Coordinates (NAD83)	Latitude	37° 11' 46.0" N+
	Longitude	080° 09' 16.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	82.8 meters
	Support Structure Height	60.5 meters
	Ground Elevation (AMSL)	1140.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	68.4 meters
	Height of Radiation Center Above Average Terrain	630.6 meters
	Height of Radiation Center Above Mean Sea Level	1208.4 meters
	Effective Radiated Power	66 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1010352
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	THV-10A13/VP-R C150
	Rotation	0 degrees
	Electrical Beam Tilt	1.0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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	0.939	180	0.532	270	0.939
10	0.998	100	0.870	190	0.524	280	0.980
20	0.992	110	0.778	200	0.508	290	0.996
30	0.986	120	0.675	210	0.500	300	0.996
40	0.985	130	0.583	220	0.521	310	0.990
50	0.990	140	0.521	230	0.583	320	0.985
60	0.996	150	0.500	240	0.675	330	0.986
70	0.996	160	0.508	250	0.778	340	0.992
80	0.980	170	0.524	260	0.870	350	0.998

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>Will Anderson</b> <i>President and CEO</i>  01/09/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">C-71966-1 WBRA CH13 EZ Prop.pdf</a>	Applicant	Antenna Technical Data	Antenna Electrical and Mechanical Data
<a href="#">DA-23-221A1.pdf</a>	Internal		Report And Order
<a href="#">DA-23-23A1.pdf</a>	Internal		Notice for Proposed Rule Making
<a href="#">Engineering Technical Statement (WBRA-TV PFRM).pdf</a>	Applicant	All Purpose	Engineering Technical Statement
<a href="#">Exhibit 1 - WBRA-TV CH13 Tower Profile View (TM).pdf</a>	Applicant	All Purpose	Exhibit 1 - WBRA-TV CH13 Tower Profile View (TM)
<a href="#">Exhibit 2 - WBRA-D3 LIC vs. WBRA-D13 APP (DIE).pdf</a>	Applicant	All Purpose	Exhibit 2 - WBRA-D3 LIC vs. WBRA-D13 APP (DIE)
<a href="#">Exhibit 3 - PBS Population Loss Study Map.pdf</a>	Applicant	All Purpose	Exhibit 3 - PBS Population Loss Study Map
<a href="#">Updated Engineering Technical Statement (WBRA-TV PFRM).pdf</a>	Applicant	All Purpose	Updated Engineering Technical Statement
<a href="#">WBRA-TV Channel 13 TVStudy Report.pdf</a>	Applicant	All Purpose	WBRA-TV Channel 13 TVStudy Report
<a href="#">WBRA-TV Channel Substitution Amendment to Rulemaking Petition.pdf</a>	Applicant	Amendment	WBRA-TV Channel Substitution Amendment to Rulemaking Petition
<a href="#">WBRA-TV - Channel Substitution Petition for Rulemaking (LMS).pdf</a>	Applicant	All Purpose	WBRA-TV - Channel Substitution Petition for Rulemaking (LMS)