



(REFERENCE COPY - Not for submission)

Channel Substitution/Community of License Change

File Number: 0000127670 | Submit Date: 11/27/2020 | Call Sign: WRGB | Facility ID: 73942 | FRN: 0021268289 | State: New York | City: SCHENECTADY

Service: DTV | Purpose: Rule Making | Status: Superceded | Status Date: 03/30/2021 | Filing Status: InActive

General Information	Section	Question	Response
	Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Applicant Information	Applicant Name, Type, and Contact Information				
	Applicant	Address	Phone	Email	Applicant Type
WRGB LICENSEE, LLC		Harvey Arnold	+1 (410) 568-	harnold@sbgvtv.	Limited Liability
Doing Business As: WRGB		10706 Beaver Dam	1500	com	Company
LICENSEE, LLC		Road			
		Cockeysville, MD			
		21030			
		United States			

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
Paul A. Cicelski <i>FCC Counsel</i> Lerman Senter PLLC	Paul Cicelski 2001 L Street, NW Suite 400 Washington, DC 20036 United States	+1 (202) 416- 6756	pcicelski@lermansenter. com	Legal Representative
John E. Hidle , PE . <i>Consulting Engineer</i> Carl T. Jones Corporation	John E. Hidle, PE 7901 Yarnwood Court Springfield, VA 22153 United States	+1 (703) 569- 7704	jhidle@ctjc.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	73942
	State	New York
	City	SCHENECTADY
	DTV Channel	35
	Designated Market Area	Albany-Schenectady-Troy
Zone	Zone	1

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1231728
Coordinates (NAD83)	Latitude	42° 37' 31.3" N+
	Longitude	074° 00' 36.7" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	152.1 meters
	Support Structure Height	150.9 meters
	Ground Elevation (AMSL)	542.8 meters
Antenna Data	Height of Radiation Center Above Ground Level	106 meters
	Height of Radiation Center Above Average Terrain	392 meters
	Height of Radiation Center Above Mean Sea Level	648.8 meters
	Effective Radiated Power	1000 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007632
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-25JSC/VP-R P220
	Rotation	40 degrees
	Electrical Beam Tilt	0.75
	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	.961	90	.558	180	.961	270	.558
10	1.0	100	.580	190	1.0	280	.580
20	.961	110	.558	200	.961	290	.558
30	.851	120	.499	210	.851	300	.499
40	.697	130	.440	220	.697	310	.440
50	.540	140	.441	230	.540	320	.441
60	.441	150	.540	240	.441	330	.540
70	.440	160	.697	250	.440	340	.697
80	.499	170	.851	260	.499	350	.851

Additional Azimuths

Degree	V _A
65	.429
315	.429
245	.429
135	.429

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.	Lucy Rutishauser CFO 11/27/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
WRGB - Appendix B - 1000 kW - Longley-Rice analysis - 11-21-2020 .pdf	Applicant	Technical Certifications	WRGB - Allocation Study - for proposed channel 35.
WRGB - Ch 35 Antenna Exhibits - P220 - 11-21-2020 .pdf	Applicant	Antenna Technical Data	WRGB - Channel 35 Antenna Exhibits - 11-21-2020.
WRGB - ch 35 Schenectady New York RFR Appendix A - 11-21-2020 .pdf	Applicant	Technical Certifications	WRGB - Environmental and Radio Frequency Radiation Safety Compliance Showing.
WRGB D - ch 35 - 11-20-2020 - extended pops B1 .pdf	Applicant	All Purpose	WRGB - Map Exhibit - Ch. 35 proposed coverage and populations.
WRGB D - ch 6 - 11-20-2020 - 7.1 kW extended pops A1.pdf- .pdf	Applicant	All Purpose	WRGB - Original Ch 6 DTV CP - 7.1 kW - Map Exhibit
WRGB D - ch 6 30.2 kW - 11-20-2020 pops A2 .pdf	Applicant	All Purpose	WRGB - Ch 6 Licensed 30.2 kW - Map Exhibit
WRGB(DT) Channel Change Petition Exh.pdf	Applicant	All Purpose	
WRGB - Petition for channel changeTechnical Documentnt - 11-21-2020 .pdf	Applicant	All Purpose	WRGB - Channel Change Technical Document - November 21, 2020.
WRGB - Petition for channel changeTechnical Statement - 11-21-2020-A1. pdf	Applicant	All Purpose	WRGB - Petition to Amend Technical Statement.