



(REFERENCE COPY - Not for submission)

# Channel Substitution/Community of License Change

File Number: **0000218460** | Submit Date: **07/25/2023** | Call Sign: **NEW** | Facility ID: **776266** | FRN: **0019682483** | State: **Wisconsin** | City: **SHAWANO**

Service: **DTV** | Purpose: **Rule Making** | Status: **Superceded** | Status Date: **10/05/2023** | Filing Status: **InActive**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
TV-49, Inc.	Kyle Walker 26 North Halsted Street Chicago, IL 60661 United States	+1 (312) 705-2600	kwalker@metv.com	Corporation

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>Matthew S. DeINero</b> <i>Legal Counsel</i> Covington & Burling LLP	Matthew S. DeINero One CityCenter 850 Tenth Street, NW Washington, DC 20001 United States	+1 (202) 662- 5543	mdelnero@cov. com	Legal Representative
<b>William Jreffrey Reynolds , Jr .</b> <i>Technical Consultant</i> duTreil Lundin & Rackley Inc	5212 Station Way Sarasota, FL 34233 United States	+1 (941) 329- 6013	jeff@dlr.com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	776266	
State	Wisconsin	
City	SHAWANO	
DTV Channel	31	
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	1034171
Coordinates (NAD83)	Latitude	44° 49' 05.9" N+
	Longitude	089° 01' 59.1" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	109.7 meters
	Support Structure Height	106.7 meters
	Ground Elevation (AMSL)	337.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	91.4 meters
	Height of Radiation Center Above Average Terrain	96 meters
	Height of Radiation Center Above Mean Sea Level	428.8 meters
	Effective Radiated Power	17 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1010922
Antenna Manufacturer and Model	Manufacturer:	ATC
	Model	ATC-BCH48CF-31
	Rotation	90 degrees
	Electrical Beam Tilt	1.0
	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	90	0.223	180	0.077	270	0.224
10	0.983	100	0.165	190	0.071	280	0.304
20	0.939	110	0.101	200	0.051	290	0.409
30	0.85	120	0.049	210	0.028	300	0.525
40	0.745	130	0.023	220	0.017	310	0.64
50	0.634	140	0.019	230	0.035	320	0.75
60	0.521	150	0.028	240	0.08	330	0.849
70	0.405	160	0.045	250	0.125	340	0.932
80	0.296	170	0.064	260	0.168	350	0.987

Additional Azimuths

Degree	V <sub>A</sub>
182	.078
137	.019

## 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>Norman H Shapiro</b> <i>Director, President, Secretary and Treasurer</i>  07/25/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">TV-49_Wittenburg to Shawano COL Petition_6.22.23.pdf</a>	Applicant	All Purpose	Petition For Rulemaking