

Federal Communications Commission Washington, D.C. 20554	Approved by OMB .3060-0386 (July 2002)	FOR FCC USE ONLY
<b>Engineering STA</b>  Read Instructions/FAQ before filling out form		FOR COMMISSION USE ONLY FILE NO. - 20120404ABO

**Section I - General Information**

1.	Legal Name of the Applicant NEWSCHANNEL 5 NETWORK, LLC			
	Mailing Address 474 JAMES ROBERTSON PARKWAY			
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; padding: 2px;">City NASHVILLE</td> <td style="width:33%; padding: 2px;">State or Country (if foreign address) TN</td> <td style="width:34%; padding: 2px;">Zip Code 37219 -</td> </tr> </table>	City NASHVILLE	State or Country (if foreign address) TN	Zip Code 37219 -
City NASHVILLE	State or Country (if foreign address) TN	Zip Code 37219 -		
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:65%; padding: 2px;">Telephone Number (include area code) 6152445000</td> <td style="width:35%; padding: 2px;">E-Mail Address (if available)</td> </tr> </table>	Telephone Number (include area code) 6152445000	E-Mail Address (if available)	
Telephone Number (include area code) 6152445000	E-Mail Address (if available)			
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; padding: 2px;">FCC Registration No 0017439258</td> <td style="width:33%; padding: 2px;">Call Sign WTVF</td> <td style="width:34%; padding: 2px;">Facility ID Number 36504</td> </tr> </table>	FCC Registration No 0017439258	Call Sign WTVF	Facility ID Number 36504
FCC Registration No 0017439258	Call Sign WTVF	Facility ID Number 36504		
2.	Contact Representative (if other than licensee/permittee) JENNIFER A. JOHNSON, ESQ.			
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:65%; padding: 2px;">Firm or Company Name COVINGTON AND BURLING LLP</td> </tr> </table>	Firm or Company Name COVINGTON AND BURLING LLP		
Firm or Company Name COVINGTON AND BURLING LLP				
	Mailing Address 1201 PENNSYLVANIA AVE.			
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; padding: 2px;">City WASHINGTON</td> <td style="width:33%; padding: 2px;">State or Country (if foreign address) DC</td> <td style="width:34%; padding: 2px;">ZIP Code 20004 -</td> </tr> </table>	City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20004 -
City WASHINGTON	State or Country (if foreign address) DC	ZIP Code 20004 -		
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:65%; padding: 2px;">Telephone Number (include area code) 2026625552</td> <td style="width:35%; padding: 2px;">E-Mail Address (if available) JJOHNSON@COV.COM</td> </tr> </table>	Telephone Number (include area code) 2026625552	E-Mail Address (if available) JJOHNSON@COV.COM	
Telephone Number (include area code) 2026625552	E-Mail Address (if available) JJOHNSON@COV.COM			
3.	Purpose: <input checked="" type="radio"/> Engineering STA <input type="radio"/> Extension of Existing Engineering STA <input type="radio"/> Legal STA <input type="radio"/> Extension of Existing Legal STA			
4.	Service: DS			
5.	Community of License: City: NASHVILLE State: TN			
6.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): <input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other <input checked="" type="radio"/> N/A (Fee Required)			

**TECHNICAL SPECIFICATIONS**

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

**TECH BOX**

7.1.	Channel: 25
7.2.	Zone: <input type="radio"/> I <input checked="" type="radio"/> II <input type="radio"/> III
7.3.	Antenna-Location-Coordinates: (NAD-27)

	Latitude: Degrees 36 Minutes 16 Seconds 5 <input checked="" type="radio"/> North <input type="radio"/> South  Longitude: Degrees 86 Minutes 47 Seconds 16 <input checked="" type="radio"/> West <input type="radio"/> East											
7.4.	Antenna Structure Registration Number: 1041373 <input type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA											
7.5.	Antenna Location Site Elevation Above Mean Sea Level: 265.1 meters											
7.6.	Overall Tower Height Above Ground Level: 359 meters											
7.7.	Height of Radiation Center Above Ground Level: 244 meters											
7.8.	Height of Radiation Center Above Average Terrain: 321 meters											
7.9.	Maximum Effective Radiated Power (average): 130 kW											
7.10.	Antenna Specifications: <input checked="" type="radio"/> Nondirectional <input type="radio"/> Directional  a. Manufacturer DIE Model TUA-O4-02/8U-1-S  b. Electrical Beam Tilt: degrees <input checked="" type="checkbox"/> Not Applicable  c. Mechanical Beam Tilt: degrees toward azimuth degrees True <input checked="" type="checkbox"/> Not Applicable  d. Polarization: <input checked="" type="radio"/> Horizontal <input type="radio"/> Circular <input type="radio"/> Elliptical  Directional Antenna Relative Field Values: Rotation (Degrees): <input type="checkbox"/> No Rotation											
	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
	0		10		20		30		40		50	
	60		70		80		90		100		110	
	120		130		140		150		160		170	
	180		190		200		210		220		230	
	240		250		260		270		280		290	
	300		310		320		330		340		350	
	Additional Azimuths											
8.	Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1) the specific rules and/or policies from which the applicant seeks temporary relief; 2) how the public interest will be furthered by grant; and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought										[Exhibit 21]	
9.	Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.										<input checked="" type="radio"/> Yes <input type="radio"/> No	

I certify that I have prepared Engineering Data on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name CHARLES A. COOPER		Relationship to Applicant (e.g., Consulting Engineer) TECHNICAL CONSULTANT	
Signature		Date (mm/dd/yyyy) 4/3/2012	
Mailing Address DU TREIL, LUNDIN & RACKLEY, INC. 201 FLETCHER AVENUE			
City SARASOTA		State or Country (if foreign address) FL	Zip Code 34237 -
Telephone Number (No dashes or parentheses, include area code) 9413296018		E-Mail Address (if available) CHARLES@DLR.COM	

I hereby certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations.

Typed or Printed Name of Person Signing DEBORAH F. TURNER		Typed or Printed Title of Person Signing PRESIDENT & GENERAL MANAGER	
Signature		Date (mm/dd/yyyy) 4/4/2012	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

## Exhibits

### Exhibit 21

**Description:** EXHIBIT 21

NEWSCHANNEL 5 NETWORK, LLC, LICENSEE OF WTVF, NASHVILLE, TENNESSEE (FACILITY ID NO. 36504) REQUESTS SPECIAL TEMPORARY AUTHORITY ('STA') TO COMMENCE OPERATIONS ON CHANNEL 25 AT A LOWER ANTENNA HEIGHT AND EFFECTIVE RADIATED POWER ('ERP') THAN THOSE AUTHORIZED IN WTVF'S CONSTRUCTION PERMIT FOR CHANNEL 25 (SEE FCC FILE NO. BPCDT-20110824ACF) (THE 'PERMIT'). THE STA IS REQUESTED IN CONNECTION WITH THE STATION'S CONSTRUCTION OF THE FACILITIES SPECIFIED IN THE PERMIT.

THE WORK REQUIRED TO CONSTRUCT THE FACILITIES SPECIFIED IN THE PERMIT WILL REQUIRE CHANGES TO THE TOP OF WTVF'S TOWER, WHERE THE ANTENNA FOR THE 1,000 KW CHANNEL 25 FACILITY WILL BE LOCATED. WHILE THE TOWER WORK IS BEING COMPLETED, WTVF REQUESTS STA TO COMMENCE OPERATIONS ON CHANNEL 25 AT 130 KW ERP AT 509 METERS AMSL AND 244 METERS AGL. (THE PERMIT AUTHORIZES 1,000 KW ERP AT 616 METERS AMSL AND 351 METERS AGL.) THE REQUESTED TEMPORARY FACILITIES WILL USE A SIDE-MOUNTED ANTENNA (DIELECTRIC MODEL TUA-04-2/8U-S) ON THE SAME TOWER AS AUTHORIZED IN THE PERMIT. WHEN WTVF COMMENCES OPERATIONS PURSUANT TO THE REQUESTED STA, IT WILL EMPLOY THE STRINGENT (FULL-POWER) EMISSION MASK, AS SPECIFIED FOR THE FULL-POWER OPERATION IN THE PERMIT.

### Attachment 21