



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000087815** | Submit Date: **11/01/2019** | Call Sign: **WJFB** | Facility ID: **7651** | FRN: **0019682483** | State: **Tennessee** | City: **LEBANON**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **11/06/2019** | 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
HC2 STATION GROUP, INC. Applicant Doing Business As: HC2 STATION GROUP, INC.	RENEE ILHARDT 450 PARK AVENUE, 30TH FLOOR NEW YORK, NY 10022 United States	+1 (954) 606-5486	RILHARDT@HC2BROADCASTING. 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
(4)**

Contact Name	Address	Phone	Email	Contact Type
REBECCA HANSON A. Cicelski HC2 BROADCASTING HOLDINGS, INC.	450 PARK AVENUE, 30TH FLOOR NEW YORK, NY 10022 United States	+1 (212) 339-5832	RHANSON@HC2BROADCASTING. COM	Legal Representative
KURT HANSON HANSON HC2 BROADCASTING HOLDINGS, INC.	450 PARK AVENUE, 30TH FLOOR NEW YORK, NY 10022 United States	+1 (212) 339-5853	KHANSON@HC2BROADCASTING. COM	Technical Representative
REBECCA HANSON <i>EVP AND GENERAL COUNSEL</i> HC2 BROADCASTING HOLDINGS, INC.	450 PARK AVENUE, 30TH FLOOR NEW YORK, NY 10022 United States	+1 (212) 339-5832	RHANSON@HC2BROADCASTING. COM	Legal Representative
Renee Ilhardt HC2 BROADCASTING HOLDINGS INC.	450 Park Ave., 30th Floor New York, NY 10022 United States	+1 (954) 606-5486	rilhardt@hc2broadcasting.com	Corporate Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	7651
	State	Tennessee
	City	LEBANON
	DTV Channel	44
	Designated Market Area	Nashville
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Primary station proposed to be rebroadcast:

Facility Id	Call Sign	City	State
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Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1044881
Coordinates (NAD83)	Latitude	36° 09' 13.0" N+
	Longitude	086° 22' 46.0" W-
	Structure Type	MAST-Self-support struct
	Overall Structure Height	85.0 meters
	Support Structure Height	84.0 meters
	Ground Elevation (AMSL)	271.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	79 meters
	Height of Radiation Center Above Average Terrain	161 meters
	Height of Radiation Center Above Mean Sea Level	350.0 meters
	Effective Radiated Power	31.70 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005894
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	ETU-P3H1-25
	Rotation	270 degrees
	Electrical Beam Tilt	Not Applicable
	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	.980	90	.940	180	.090	270	.940
10	.910	100	.930	190	.090	280	.860
20	.790	110	.900	200	.120	290	.750
30	.820	120	.800	210	.260	300	.800
40	.970	130	.660	220	.480	310	.960
50	.960	140	.480	230	.660	320	.970
60	.800	150	.260	240	.800	330	.820
70	.750	160	.120	250	.900	340	.790
80	.860	170	.090	260	.930	350	.910

Additional Azimuths

Degree	V _A
44	1.000

Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>HENRY TURNER TURNER <i>CHIEF OPERATING OFFICER</i></p> <p>11/01/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
ENGINEERING STA-WJFBv2.pdf	Applicant	General Information	ENGINEERING STA-WJFBv2.pdf
ERI Antenna Preliminary Specification ETU-P31H1 Rental WJFB.pdf	Applicant	General Information	ERI Antenna Preliminary Specification ETU-P31H1 Rental WJFB.pdf