



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000068476** | Submit Date: **03/12/2019** | Call Sign: **KAZD** | Facility ID: **17433** | FRN: **0026907345** | State: **Texas** | City: **LAKE DALLAS**
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/27/2019** | Expiration Date: **09/27/2019** | Filing Status: **Active**

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. Doing Business As: HC2 STATION GROUP, INC.	RENEE ILHARDT 450 PARK AVENUE 30TH FLOOR NEW YORK, NY 10022 United States	+1 (212) 339- 5835	rilhardt@HC2. 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
(5)**

Contact Name	Address	Phone	Email	Contact Type
Paul A Cicelski <i>Legal Counsel</i> Lerman Senter PLLC	2001 L Street, NW Washington, DC 20036 United States	+1 (202) 416- 6756	pcicelski@lermansenter. com	Legal Representative
KURT HANSON <i>CHIEF TECHNICAL OFFICER</i> HC2 Broadcasting Holdings, INC	KURT HANSON 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	REBECCA HANSON 450 PARK AVENUE 30TH FLOOR NEW YORK, NY 10022 United States	+1 (212) 339- 5832	rhanson@hc2broadcasting. com	Legal Representative
John E. Hidle , P.E . <i>Consulting Engineer</i> Carl T. Jones Corporation	John E. Hidle, PE 7901 Yarnwood Court SPRINGFIELD, VA 22153-2827 United States	+1 (703) 569- 7704	jhidle@ctjc.com	Technical Representative
RENEE ILHARDT HC2 Broadcasting Holdings, INC	450 PARK AVENUE 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	17433
	State	Texas
	City	LAKE DALLAS
	DTV Channel	39
	Designated Market Area	Dallas-Ft. Worth
Facility Type	Facility Type	Commercial
	Station Type	Main
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	1048127
Coordinates (NAD83)	Latitude	32° 35' 15.0" N+
	Longitude	096° 58' 00.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	468.4 meters
	Support Structure Height	444.1 meters
	Ground Elevation (AMSL)	247.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	379.0 meters
	Height of Radiation Center Above Average Terrain	435.4 meters
	Height of Radiation Center Above Mean Sea Level	626.4 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	1004736
Antenna Manufacturer and Model	Manufacturer:	RFS
	Model	SBB-EPD-24C170
	Rotation	0 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	.899	90	.895	180	.409	270	.913
10	.899	100	.826	190	.367	280	.956
20	.909	110	.722	200	.286	290	.985
30	.929	120	.578	210	.237	300	.999
40	.957	130	.410	220	.315	310	.996
50	.979	140	.268	230	.473	320	.975
60	.984	150	.240	240	.634	330	.946
70	.971	160	.316	250	.762	340	.921
80	.941	170	.389	260	.852	350	.905

Additional Azimuths

Degree	V _A
303	1.0

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>Les Levi <i>Chief Operating Officer</i></p> <p>03/12/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>KAZD Aux Antenna Exhibits 2 to 7 - 3 - 3-8-2019.pdf</u>	Applicant	General Information	KAZD - RFS Model SBB-EPD-24C170 antenna technical data - 3-8-2019
<u>KAZD - Ch 39 - Form 2100 - Interim pre- auction STA Antenna Technical Document - 3-8-2019.pdf</u>	Applicant	General Information	KAZD - Form 2100 STA request technical document for interim antenna. 3--8-2019
<u>KAZD - Rad Haz Compliance Statement - 3-8-2019.pdf</u>	Applicant	All Purpose	KAZD Environmental and Radio Frequency Radiation Safety Compliance Statement. 3-8-2019