



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: 0000212746 | Submit Date: 03/20/2023 | Call Sign: WEAE-LD | Facility ID: 181983 | FRN: 0019866425 |

State: Illinois | City: SPRINGFIELD

Service: LPD | Purpose: Engineering STA | Status: Granted | Status Date: 04/04/2023 | Expiration Date: 10/03/2023 |

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	MGL	\$300.00
Total		\$300.00

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
DTV AMERICA CORPORATION	RENEE ILHARDT 295 MADISON AVENUE, 12TH FLOOR NEW YORK, NY 10017 United States	+1 (954) 606-5486	RILHARDT@HC2BROADCASTING.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  
(3)

Contact Name	Address	Phone	Email	Contact Type
<b>RENEE ILHARDT</b> <i>VP, REGULATORY AFFAIRS</i> HC2 BROADCASTING HOLDINGS, INC.	295 MADISON AVENUE, 12TH FLOOR NEW YORK, NY 10017 United States	+1 (954) 606-5486	RILHARDT@HC2BROADCASTING.COM	CORPORATE REPRESENTATIVE
<b>DAVID O'CONNOR</b> <i>PARTNER</i> WILKINSON, BARKER, KNAUER, LLP	DAVID O'CONNOR 1800 M STREET NW; SUITE 800N WASHINGTON, DC 20036 United States	+1 (202) 383-3429	DOCONNOR@WBKLAW.COM	Legal Representative
<b>MICHAEL VOGЕ</b> <i>DIRECTOR OF ENGINEERING OPERATIONS</i> HC2 BROADCASTING HOLDINGS, INC.	MICHAEL VOGЕ 295 MADISON AVENUE, 12TH FLOOR NEW YORK, NY 10017 United States	+1 (914) 772-3345	MVOGE@HC2BROADCASTING.COM	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	181983	
State	Illinois	
City	SPRINGFIELD	
LPD Channel	21	

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1055345
Coordinates (NAD83)	Latitude	39° 46' 51.2" N+
	Longitude	089° 36' 18.2" W-
	Structure Type	NTOWER-Multiple structs
	Overall Structure Height	125.6 meters
	Support Structure Height	120.4 meters
	Ground Elevation (AMSL)	177.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	72.5 meters
	Height of Radiation Center Above Mean Sea Level	249.9 meters
	Effective Radiated Power	2.29 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1010564
Antenna Manufacturer and Model	Manufacturer:	KAT
	Model	ATC-BCC312M-V3-21
	Rotation	270 degrees
	Electrical Beam Tilt	.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Circular
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.000	90	0.694	180	0.709	270	0.694
10	0.995	100	0.663	190	0.705	280	0.734
20	0.979	110	0.645	200	0.694	290	0.781
30	0.953	120	0.641	210	0.678	300	0.829
40	0.918	130	0.647	220	0.661	310	0.876
50	0.876	140	0.661	230	0.647	320	0.918
60	0.829	150	0.679	240	0.641	330	0.953
70	0.781	160	0.694	250	0.645	340	0.979
80	0.734	170	0.705	260	0.663	350	0.995

Additional Azimuths

Degree	V <sub>A</sub>
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## Certification

Section	Question	Response
<b>General Certification Statements</b>	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.	
<b>Authorized Party to Sign</b>	<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>RENEE ILHARDT</b> <i>VICE PRESIDENT OF REGULATORY AFFAIRS</i>  03/20/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>ENGINEERING STA - WEAE.pdf</u>	Applicant	General Information	ENGINEERING STA - WEAE.pdf