



(REFERENCE COPY - Not for submission)

# LPTV Engineering STA Application

File Number: **0000215808** | Submit Date: **05/31/2023** | Call Sign: **WLEK-LD** | Facility ID: **182343** | FRN: **0019866425** |

State: **New Hampshire** | City: **CONCORD**

Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **06/06/2023** | Expiration Date: **12/05/2023** |

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  
(2)

Contact Name	Address	Phone	Email	Contact Type
RENEE ILHARDT VP, REGULATORY AFFAIRS HC2 BROADCASTING HOLDINGS, INC.	RENEE ILHARDT 295 MADISON AVENUE, 12TH FLOOR NEW YORK, NY 10017 United States	+1 (954) 606- 5486	RILHARDT@HC2BROADCASTING. COM	CORPORATE REPRESENTATIVE
DAVID O'CONNOR PARTNER 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

Channel and Facility Information

Section	Question	Response
Facility ID	182343	
State	New Hampshire	
City	CONCORD	
LPD Channel	31	

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1004234
Coordinates (NAD83)	Latitude	42° 31' 53.7" N+
	Longitude	070° 59' 10.4" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	152.4 meters
	Support Structure Height	151.7 meters
	Ground Elevation (AMSL)	56.7 meters
Antenna Data	Height of Radiation Center Above Ground Level	137.2 meters
	Height of Radiation Center Above Mean Sea Level	193.9 meters
	Effective Radiated Power	2.7 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1010766
Antenna Manufacturer and Model	Manufacturer:	KAT
	Model	4x3 UTVC01/X
	Rotation	0 degrees
	Electrical Beam Tilt	Not Applicable
	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	0.020	90	0.982	180	0.968	270	1.000
10	0.020	100	0.945	190	0.959	280	0.978
20	0.020	110	0.768	200	0.793	290	0.800
30	0.020	120	0.717	210	0.733	300	0.600
40	0.020	130	0.865	220	0.869	310	0.020
50	0.020	140	0.839	230	0.836	320	0.020
60	0.600	150	0.690	240	0.678	330	0.020
70	0.854	160	0.769	250	0.760	340	0.020
80	0.951	170	0.934	260	0.947	350	0.020

Additional Azimuths

Degree	V <sub>A</sub>
323	0.020
306	0.252
295	0.700
283	0.951
272	1.000

## 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>RENEE ILHARDT</b> <i>VICE PRESIDENT OF REGULATORY AFFAIRS</i>  05/31/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">ENGINEERING STA - WLEK.pdf</a>	Applicant	General Information	ENGINEERING STA - WLEK.pdf