



(REFERENCE COPY - Not for submission)

# LPTV Engineering STA Application

File Number: **0000053704** | Submit Date: **05/02/2018** | Call Sign: **WHEH-LD** | Facility ID: **184549** | FRN: **0019866425**  
 State: **North Carolina** | City: **LUMBERTON**  
 Service: **LPD** | Purpose: **Engineering STA** | Status: **Superseded** | Status Date: **06/18/2018** | Filing Status: **InActive**

**General Information**

Section	Question	Response
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**Fees, Waivers, and Exemptions**

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
<b>Waivers</b>	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	\$190.00
<b>Total</b>		<b>\$190.00</b>

**Applicant  
Information**

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

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>DTV AMERICA CORPORATION</b> Doing Business As: HC2 BROADCASTING INC.	Les Levi 1671 NW 144TH TERRACE SUITE 110 Sunrise, FL 33323 United States	+1 (954) 606-5486	LLEVI@HC2BROADCASTING. COM	Corporation

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**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>TREY HANBURY</b> <i>PARTNER</i> HOGAN LOVELLS US LLP	555 THIRTEENTH STREET, NW WASHINGTON, DC 20004 United States	+1 (202) 637-5600	TREY. HANBURY@HOGANLOVELLS. COM	Legal Representative
<b>Kurt Hanson</b> <i>Chief Technology Officer</i> HC2 Broadcasting Holdings	450 Park Avenue 30th Floor New York, NY 10022 United States	+1 (212) 339-5853	khanson@hc2broadcasting. com	Technical Representative
<b>RENEE ILHARDT</b> DTV AMERICA CORPORATION	1671 NW 144TH TERRACE, SUITE 110 SUNRISE, FL 33323 United States	+1 (954) 606-5486	RENEE@DTVAMERICA.COM	CORPORATE REPRESENTATIVE

**Channel and Facility Information**

Section	Question	Response
Facility ID	184549	
State	North Carolina	
City	LUMBERTON	
LPD Channel	26	

**Primary station proposed to be rebroadcast:**

Facility Id	Call Sign	City	State
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**Antenna Location  
Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1226644
<b>Coordinates (NAD83)</b>	Latitude	35° 11' 56.3" N+
	Longitude	080° 52' 35.7" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	152.1 meters
	Support Structure Height	150.6 meters
	Ground Elevation (AMSL)	210.6 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	100.0 meters
	Height of Radiation Center Above Mean Sea Level	310.6 meters
	Effective Radiated Power	15.0 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1003401
<b>Antenna Manufacturer and Model</b>	Manufacturer:	DIE
	Model	TUA-C3F
	Rotation	150 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>Elevation Radiation Pattern</b>	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	.973	90	.999	180	.058	270	.978
10	.961	100	.976	190	.051	280	.941
20	.779	110	.858	200	.070	290	.748
30	.680	120	.698	210	.200	300	.655
40	.837	130	.533	220	.371	310	.831
50	.804	140	.367	230	.530	320	.816
60	.627	150	.187	240	.696	330	.654
70	.748	160	.079	250	.853	340	.772
80	.945	170	.061	260	.958	350	.947

**Additional Azimuths**

Degree	V <sub>A</sub>
92	1.0
346	.890
331	.650
242	.729
101	.966

**Certification**

Section	Question	Response
<p><b>General Certification Statements</b></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><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></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><b>Les Levi</b> <i>Chief Operating Officer</i></p> <p>05/02/2018</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#"><u>WHEH_ch26_ixstudy.pdf</u></a>	Applicant	All Purpose	Technical Exhibit - Interference Analysis on Channel 21
<a href="#"><u>WHEH-LD Licensee.PDF</u></a>	Applicant	All Purpose	T-Mobile Notification Letter
<a href="#"><u>WHEH-LD STA Request Narrative 043018.pdf</u></a>	Applicant	All Purpose	Narrative for WHEH-LD STA Request for Channel 26