



(REFERENCE COPY - Not for submission)

# LPTV Engineering STA Application

File Number: **0000029607** | Submit Date: **09/01/2017** | Call Sign: **WLCF-LD** | Facility ID: **37482** | FRN: **0015024243**  
 State: **Illinois** | City: **DECATUR**  
 Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **09/13/2017** | Expiration Date:  
 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>CHRISTIAN TELEVISION NETWORK, INC.</b> <b>Applicant</b> Doing Business As: CHRISTIAN TELEVISION NETWORK, INC.	6922 142ND AVENUE N. LARGO, FL 33771 United States	+1 (727) 535-5622	soneal@ctntv.net	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  
(3)**

Contact Name	Address	Phone	Email	Contact Type
<b>III JOSEPH C CHAUTIN C CHAUTIN , III .</b> HARDY, CAREY, CHAUTIN & BALKIN, LLP	1080 WEST CAUSEWAY APPROACH MANDEVILLE, LA 70471 United States	+1 (985) 629-0777	JCHAUTIN@HARDYCAREY. COM	Legal Representative
<b>CHRIS L MAVROS L MAVROS</b> CHRISTIAN TELEVISION NETWORK, INC.	6922 142ND AVE. N. LARGO, FL 33771 United States	+1 (727) 535-5622	CLMAVROS@YAHOO.COM	Technical Representative
<b>CHRIS L MAVROS Jeffrey Reynolds</b> CHRISTIAN TELEVISION NETWORK, INC.	6922 142ND AVE. N. LARGO, FL 33771 United States	+1 (727) 535-5622	test@fcc.gov	Technical Representative

**Channel and Facility Information**

Section	Question	Response
Facility ID	37482	
State	Illinois	
City	DECATUR	
LPD Channel	21	

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1057485
<b>Coordinates (NAD83)</b>	Latitude	39° 57' 03.0" N+
	Longitude	088° 52' 05.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	321.2 meters
	Support Structure Height	304.9 meters
	Ground Elevation (AMSL)	210.3 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	299 meters
	Height of Radiation Center Above Mean Sea Level	509.3 meters
	Effective Radiated Power	15 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1001998
<b>Antenna Manufacturer and Model</b>	Manufacturer:	ERI
	Model	ALP8M1-HSPR-21
	Rotation	40 degrees
	Electrical Beam Tilt	0.25
	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	0.894	90	0.734	180	0.894	270	0.221
10	0.966	100	0.75	190	0.795	280	0.204
20	0.998	110	0.794	200	0.674	290	0.176
30	0.993	120	0.853	210	0.531	300	0.179
40	0.961	130	0.912	220	0.377	310	0.247
50	0.912	140	0.961	230	0.247	320	0.377
60	0.853	150	0.993	240	0.179	330	0.531
70	0.794	160	0.998	250	0.176	340	0.674
80	0.750	170	0.966	260	0.204	350	0.795

**Additional Azimuths**

Degree	V <sub>A</sub>
24	1.0
22	1.0
158	1.0
156	1.0

**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>Robert D'Andrea D'Andrea</b> <i>President</i></p> <p>09/01/2017</p>

**Attachments**

<b>File Name</b>	<b>Uploaded By</b>	<b>Attachment Type</b>	<b>Description</b>
<a href="#"><u>29607.pdf</u></a>	Internal	All Purpose	
<a href="#"><u>WLCF-LD STA Justification Explanation.pdf</u></a>	Applicant	General Information	STA JUSTIFICATION
<a href="#"><u>WLCF-LD Technical Summary.pdf</u></a>	Applicant	General Information	TECHNICAL SUMMARY
<a href="#"><u>WLCF-LD TVStudy Analysis Exhibit.pdf</u></a>	Applicant	General Information	TVSTUDY ANALYSIS