



(REFERENCE COPY - Not for submission)

# LPTV Translator Engineering STA Application

File Number: **0000055283** | Submit Date: **06/18/2018** | Call Sign: **W50DR-D** | Facility ID: **35676** | FRN: **0024972465**  
 State: **Wisconsin** | City: **LA CROSSE**  
 Service: **LPT** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **07/25/2018** | Expiration Date: **01/25/2019**  
 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>KTTC LICENSE, LLC</b> Doing Business As: KTTC LICENSE, LLC	P.O. BOX 909 QUINCY, IL 62306 United States	+1 (217) 223- 5100	bdreasler@quincymedia. com	Limited Liability Company

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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  
(2)**

Contact Name	Address	Phone	Email	Contact Type
<b>Stephen Hartzell</b> Brooks, Pierce et al.	150 Fayetteville Street Suite 1700 Raleigh, NC 27601 United States	+1 (919) 839- 0300	shartzell@brookspierce. com	Legal Representative
<b>Scott Turpie</b> Lohnes & Culver LLC	PO Box 881 Silver Spring, MD 20918- 0881 United States	+1 (301) 776- 4488	scott@locul.com	Technical Representative

**Channel and Facility Information**

Section	Question	Response
Facility ID	35676	
State	Wisconsin	
City	LA CROSSE	
LPT Channel	50	

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1035149
<b>Coordinates (NAD83)</b>	Latitude	43° 48' 23.0" N+
	Longitude	091° 22' 03.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	249.7 meters
	Support Structure Height	232.7 meters
	Ground Elevation (AMSL)	373.6 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	229.4 meters
	Height of Radiation Center Above Mean Sea Level	603.0 meters
	Effective Radiated Power	14.5 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1003006
<b>Antenna Manufacturer and Model</b>	Manufacturer:	DIE
	Model	TFU-8WB-C160
	Rotation	70 degrees
	Electrical Beam Tilt	1.05
	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:	Stringent

**Directional Antenna Relative Field Values (Pre-rotated Pattern)**

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	.971	90	.842	180	.640	270	.840
10	.976	100	.788	190	.609	280	.882
20	.988	110	.713	200	.531	290	.920
30	.998	120	.612	210	.450	300	.956
40	.998	130	.504	220	.433	310	.984
50	.984	140	.435	230	.503	320	.998
60	.956	150	.452	240	.611	330	.998
70	.921	160	.533	250	.711	340	.987
80	.883	170	.610	260	.786	350	.976

**Additional Azimuths**

Degree	V <sub>A</sub>
35	1.0
325	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>Ralph M. Oakley</b> <i>President</i></p> <p>06/18/2018</p>

**Attachments**

File Name	Uploaded By	Attachment Type	Description
<a href="#">55283.pdf</a>	Internal	All Purpose	
<a href="#">W50DR-D_STA_TechnicalExhibit.pdf</a>	Applicant	All Purpose	Technical Statement