



(REFERENCE COPY - Not for submission)

# LPTV Engineering STA Application

File Number: **0000074645** | Submit Date: **06/11/2019** | Call Sign: **WHNE-LD** | Facility ID: **168737** | FRN: **0014458426**  
 State: **Michigan** | City: **DETROIT**  
 Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **10/17/2019** | Expiration Date: **04/16/2020**  
 Filing Status: **Active**

**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	\$200.00
<b>Total</b>		<b>\$200.00</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>TAIT BROADCASTING, LLC</b> Doing Business As: TAIT BROADCASTING, LLC	JAMES LEBRATO 27251 STATE ROAD 54 SUITE B14-124 WESLEY CHAPEL, FL 33544 United States	+1 (813) 230- 1430	JAMESVL54@AOL. 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>GREGORY L BEST</b> <i>CONSULTING ENGINEER</i> GREG BEST CONSULTING	16100 Outlook Ave Stilwell, KS 66085 United States	+1 (816) 792- 2913	gbconsulting54@gmail. com	Technical Representative
<b>JAMES V LEBRATO</b> <i>MEMBER</i> TAIT BROADCASTING, LLC	JAMES LEBRATO 24251 STATE ROAD 54 SUITE B14-124 WESLEY CHAPEL, FL 33544 United States	+1 (813) 230- 1430	JAMESVL54@AOL. COM	Legal Representative

**Channel and Facility Information**

Section	Question	Response
Facility ID	168737	
State	Michigan	
City	DETROIT	
LPD Channel	3	

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1003429
<b>Coordinates (NAD83)</b>	Latitude	42° 26' 52.5" N+
	Longitude	083° 10' 23.1" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	331.3 meters
	Support Structure Height	308.5 meters
	Ground Elevation (AMSL)	201.8 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	145 meters
	Height of Radiation Center Above Mean Sea Level	346.8 meters
	Effective Radiated Power	6.5 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1004377
<b>Antenna Manufacturer and Model</b>	Manufacturer:	PSI
	Model	PSIVLDP3EC-3-EP
	Rotation	321 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Circular
<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	0.99	90	0.843	180	0.127	270	0.866
10	0.945	100	0.726	190	0.133	280	0.947
20	0.833	110	0.592	200	0.139	290	0.985
30	0.804	120	0.457	210	0.177	300	0.977
40	0.879	130	0.34	220	0.253	310	0.92
50	0.963	140	0.244	230	0.345	320	0.834
60	1.0	150	0.157	240	0.471	330	0.777
70	0.985	160	0.109	250	0.611	340	0.819
80	0.931	170	0.114	260	0.75	350	0.93

**Additional Azimuths**

Degree	V <sub>A</sub>
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**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>JAMES V LEBRATO</b> <i>Manager</i></p> <p>06/11/2019</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<u>STA Request Letter 6-11-19.doc</u>	Applicant	General Information	Letter than describes the reason and justification for the STA and describes the STA facility.
<u>tvixstudy.txt</u>	Applicant	All Purpose	Interference analysis indicating no interference is caused or received from the proposed facility.
<u>WHNE STA RF EXPOSURE Exhibit.doc</u>	Applicant	All Purpose	RF Exposure Exhibit