



(REFERENCE COPY - Not for submission)

# Digital Class A Engineering STA Application

File Number: **0000111915** | Submit Date: **04/09/2020** | Call Sign: **WUBX-CD** | Facility ID: **70423** | FRN: **0014037857**  
 State: **North Carolina** | City: **DURHAM, ETC.**  
 Service: **DCA** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **04/17/2020** | Expiration Date:  
 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	MGT	\$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>L4 MEDIA GROUP, LLC Applicant</b> Doing Business As: L4 MEDIA GROUP, LLC	PO Box 60606 Suite 2450 Chicago, IL 60606 United States	+1 (844) 441-3397	ssaldana@sktytrading.com	Other

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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>ESQ DAVINA SASHKIN SASHKIN , ESQ . FLETCHER, HEALD &amp; HILDRETH, PLC</b>	1300 NORTH 17TH STREET 11TH FLOOR ARLINGTON, VA 22209 United States	+1 (703) 812- 0400	SASHKIN@FHHLAW. COM	Legal Representative
<b>Tim Wolak L. Snelson , Jr . Banded IT SolutionsLLC</b>	12630 Ashglen Dr. S Jacksonville, FL 32224 United States	+1 (312) 231- 7895	test@fcc.gov	Technical Representative
<b>Tim Wolak Wolak Banded IT SolutionsLLC</b>	Tim Wolak 12630 Ashglen Dr. S Jacksonville, FL 32224 United States	+1 (312) 231- 7895	twolak@bandeditsolutions. com	Technical Representative

**Channel and  
Facility  
Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Proposed Community of License</b>	Facility ID	70423
	State	North Carolina
	City	DURHAM, ETC.
	DCA Channel	24
	Designated Market Area	Raleigh-Durham (Fayetteville)

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1008249
<b>Coordinates (NAD83)</b>	Latitude	35° 58' 39.6" N+
	Longitude	078° 48' 57.1" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	150.6 meters
	Support Structure Height	149.5 meters
	Ground Elevation (AMSL)	104.8 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	122.2 meters
	Height of Radiation Center Above Mean Sea Level	227.0 meters
	Effective Radiated Power	7.9 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Off the Shelf
	Do you have an Antenna ID?	Yes
	Antenna ID	100585
<b>Antenna Manufacturer and Model</b>	Manufacturer:	DIE
	Model	DLP-8B
	Rotation	160 degrees
	Electrical Beam Tilt	1.5
	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	1	90	0.686	180	0.692	270	0.686
10	0.995	100	0.653	190	0.689	280	0.729
20	0.979	110	0.633	200	0.678	290	0.778
30	0.953	120	0.627	210	0.662	300	0.828
40	0.918	130	0.632	220	0.646	310	0.875
50	0.875	140	0.646	230	0.632	320	0.918
60	0.828	150	0.662	240	0.627	330	0.953
70	0.778	160	0.678	250	0.633	340	0.979
80	0.729	170	0.689	260	0.653	350	0.995

**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>Scott Saldana Saldana</b> <i>Manager</i></p> <p>04/09/2020</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">eng_statement.pdf</a>	Applicant	General Information	STA Justification Engineering Statement