



(REFERENCE COPY - Not for submission)

# Digital Class A Engineering STA Application

File Number: **0000007784** | Submit Date: **01/14/2016** | Call Sign: **KUGB-CD** | Facility ID: **66790** | FRN: **0026907345**  
 State: **Texas** | City: **HOUSTON**  
 Service: **DCA** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **01/19/2016** | Expiration Date: **07/19/2016**  
 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	\$190.00
<b>Total</b>		<b>\$190.00</b>

**Applicant Information**

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

Applicant	Address	Phone	Email	Applicant Type
<b>OTA BROADCASTING (HOU), LLC</b>	11710 PLAZA AMERICA DRIVE SUITE 2000 RESTON, VA 20190 United States	+1 (703) 865-4442	tolpegin@otabroadcasting.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)**

<b>Contact Name</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Contact Type</b>
<b>Lucinda Hutter Cavell</b> Cavell Mertz & Associates, Inc.	7724 Donegan Drive Manassas, VA 20109 United States	+1 (703) 392- 9090	ccavell@cavellmertz. com	Technical Representative
<b>Patricia M. Chuh</b> Wilkinson Barker Knauer, LLP	1800 M Street, NW Suite 800N Washington, DC 20036 United States	+1 (202) 783- 4141	pchuh@wbklaw.com	Legal Representative

**Channel and Facility Information**

Section	Question	Response
<b>Proposed Community of License</b>	Facility ID	66790
	State	Texas
	City	HOUSTON
	DCA Channel	28
	Designated Market Area	Houston

**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1064696
<b>Coordinates (NAD83)</b>	Latitude	29° 34' 16.0" N+
	Longitude	095° 30' 38.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	601.3 meters
	Support Structure Height	561.5 meters
	Ground Elevation (AMSL)	23.4 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	483 meters
	Height of Radiation Center Above Mean Sea Level	506.4 meters
	Effective Radiated Power	10.5 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	108855
<b>Antenna Manufacturer and Model</b>	Manufacturer:	ERI
	Model	AL12M-28-PLC
	Rotation	92 degrees
	Electrical Beam Tilt	1.25
	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:	Stringent

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

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.553	180	0.322	270	0.553
10	0.988	100	0.488	190	0.305	280	0.612
20	0.954	110	0.414	200	0.261	290	0.667
30	0.907	120	0.327	210	0.215	300	0.723
40	0.848	130	0.246	220	0.203	310	0.784
50	0.784	140	0.203	230	0.246	320	0.848
60	0.723	150	0.215	240	0.327	330	0.907
70	0.667	160	0.261	250	0.414	340	0.954
80	0.612	170	0.305	260	0.488	350	0.988

**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>William Tolpegin</b> <i>President</i></p> <p>01/14/2016</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<u><a href="#">7784.pdf</a></u>	Internal	All Purpose	
<u><a href="#">Comprehensive Engineering Statement - KUGB STA.pdf</a></u>	Applicant	All Purpose	Engineering Statement - STA