



(REFERENCE COPY - Not for submission)

# DTV Engineering STA Application

File Number: **0000035297** | Submit Date: **11/13/2017** | Call Sign: **KPXB-TV** | Facility ID: **58835** | FRN: **0001808468** | State: **Texas** | City: **CONROE**  
 Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **11/15/2017** | 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	MGT	\$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>ION MEDIA HOUSTON LICENSE, INC.</b> <b>Applicant</b> Doing Business As: ION MEDIA HOUSTON LICENSE, INC.	601 CLEARWATER PARK ROAD WEST PALM BEACH, FL 33401 United States	+1 (561) 682-4110	BiancaFrye@ionmedia. 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>Shea Clark</b> <i>Vice President, Support &amp; Services</i> ION Media Networks, Inc.	Shea Clark 14444 66th Street N Clearwater, FL 33764 United States	+1 (727) 533- 2708	sheaclark@ionmedia.com	Vice President
<b>Michael S Hubner S Hubner</b> ION Media Networks, Inc.	Michael S. Hubner 810 Seventh Avenue 31st Floor New York, NY 10019 United States	+1 (212) 603- 8407	michaelhubner@ionmedia. com	Legal Representative
<b>Mark Ruppert Ruppert</b> ION Media Networks	14444 66th Street North Clearwater, FL 33764 United States	+1 (727) 533- 2707	markruppert@ionmedia. com	Technical Representative

**Channel and Facility Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
Facility ID	58835	
State	Texas	
City	CONROE	
DTV Channel	32	
<b>Facility Type</b>	Facility Type	Commercial
	Station Type	Main
<b>Zone</b>	Zone	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	1064696
<b>Coordinates (NAD83)</b>	Latitude	29° 34' 16.0" N+
	Longitude	095° 30' 38.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	601.4 meters
	Support Structure Height	561.5 meters
	Ground Elevation (AMSL)	23.4 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	574.5 meters
	Height of Radiation Center Above Average Terrain	579 meters
	Height of Radiation Center Above Mean Sea Level	597.9 meters
	Effective Radiated Power	1000 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	87478
<b>Antenna Manufacturer and Model</b>	Manufacturer:	RFS
	Model	PHP-80
	Rotation	0 degrees
	Electrical Beam Tilt	0.7
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>DTV and DTS: Elevation 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	

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

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.929	90	0.815	180	0.795	270	0.675
10	0.827	100	0.925	190	0.734	280	0.768
20	0.794	110	0.978	200	0.627	290	0.799
30	0.955	120	0.832	210	0.663	300	0.78
40	0.926	130	0.719	220	0.658	310	0.831
50	0.802	140	0.786	230	0.616	320	0.992
60	0.831	150	0.77	240	0.628	330	0.926
70	0.942	160	0.679	250	0.748	340	0.821
80	0.879	170	0.69	260	0.706	350	0.867

**Additional Azimuths**

Degree	V <sub>A</sub>
235	0.58
107	1

**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>Michael Hubner Hubner</b> <i>Secretary</i></p> <p>11/13/2017</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KPXB Engineering STA Exhibit.pdf</a>	Applicant	General Information	KPXB-TV Exhibit