



(REFERENCE COPY - Not for submission)

# Amendment to a DTV Engineering STA Application

File Number: **0000079897** | Submit Date: **08/06/2019** | Call Sign: **KPXE-TV** | Facility ID: **33337** | FRN: **0030297451** | State: **Missouri** | City: **KANSAS CITY**

Service: **DTV** | Purpose: **Engineering STA Amendment** | Status: **Granted** | Status Date: **08/07/2019** | Expiration Date: **02/07/2020** | Filing Status: **Active**

General Information

Section	Question	Response
---------	----------	----------

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ION TELEVISION LICENSE, LLC Doing Business As: ION TELEVISION LICENSE, LLC	601 CLEARWATER PARK ROAD WEST PALM BEACH, FL 33401 United States	+1 (561) 682-4110	BIANCAFRYE@IONMEDIA. COM	Corporation

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>Bianca Frye</b> ION Media Networks, Inc.	601 Clearwater Park Road West Palm Beach, FL 33401 United States	+1 (561) 682- 4110	BiancaFrye@ionmedia. com	Paralegal
<b>Mark Ruppert</b> <i>Director, Support Engineering</i> ION Media Networks, Inc.	Mark Ruppert 14444 66th Street N Clearwater, FL 33764 United States	+1 (727) 533- 2707	MarkRuppert@ionmedia. com	Technical Representative

Channel and  
Facility  
Information

Section	Question	Response
Proposed Community of License	Facility ID	33337
	State	Missouri
	City	KANSAS CITY
	DTV Channel	30
	Designated Market Area	Kansas City
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1064715
Coordinates (NAD83)	Latitude	39° 01' 19.9" N+
	Longitude	094° 30' 49.7" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	353.0 meters
	Support Structure Height	323.5 meters
	Ground Elevation (AMSL)	270.1 meters
Antenna Data	Height of Radiation Center Above Ground Level	346 meters
	Height of Radiation Center Above Average Terrain	339 meters
	Height of Radiation Center Above Mean Sea Level	616.1 meters
	Effective Radiated Power	550 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005353
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TFU-20JTH-R O4 (SP)
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation Pattern	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	1	90	1	180	1	270	1
10	0.984	100	0.984	190	0.984	280	0.984
20	0.949	110	0.949	200	0.949	290	0.949
30	0.917	120	0.917	210	0.917	300	0.917
40	0.901	130	0.901	220	0.901	310	0.901
50	0.901	140	0.901	230	0.901	320	0.901
60	0.917	150	0.917	240	0.917	330	0.917
70	0.949	160	0.949	250	0.949	340	0.949
80	0.984	170	0.984	260	0.984	350	0.984

Additional Azimuths

Degree	V <sub>A</sub>
--------	----------------

## Certification

Section	Question	Response
General Certification Statements	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.).	
	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.	
Authorized Party to Sign	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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. 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).	
	I certify that this application includes all required and relevant attachments.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>Mark Ruppert</b> <i>Director, Support Engineering</i>  08/06/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#"><u>2019-08-02 KPXE Kansas City Request for STA Exhibit.pdf</u></a>	Applicant	General Information	Request for STA Exhibit
<a href="#"><u>2019-08-02 KPXE Kansas City STA RF Hazard Statement.pdf</u></a>	Applicant	All Purpose	RF Hazard Statement
<a href="#"><u>2019-08-06 KPXE Kansas City Amendment Exhibit.pdf</u></a>	Applicant	Amendment	Amendment Exhibit
<a href="#"><u>2019-08-06 KPXE Kansas City STA Engineering Exhibit.pdf</u></a>	Applicant	All Purpose	Engineering Exhibit Revised
<a href="#"><u>2019_08_09_10_37_36.PDF</u></a>	Internal	All Purpose	