



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000063657 | Submit Date: 11/20/2018 | Call Sign: KGPX-TV | Facility ID: 81694 | FRN: 0030297451 |

State: Washington | City: SPOKANE

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 11/26/2018 | Expiration Date: |

Filing Status: InActive

General Information

Section	Question	Response
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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:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGT	\$200.00
Total		\$200.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ION TELEVISION LICENSE, LLC Applicant 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	Other

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> <b>Ruppert</b> 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	81694
	State	Washington
	City	SPOKANE
	DTV Channel	34
	Designated Market Area	Spokane
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	1060807
Coordinates (NAD83)	Latitude	47° 35' 35.0" N+
	Longitude	117° 17' 50.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	107.4 meters
	Support Structure Height	106.7 meters
	Ground Elevation (AMSL)	1103.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	65.58 meters
	Height of Radiation Center Above Average Terrain	464.59 meters
	Height of Radiation Center Above Mean Sea Level	1168.58 meters
	Effective Radiated Power	12 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004343
Antenna Manufacturer and Model	Manufacturer:	DIE
	Model	TLP-12W/VP-R
	Rotation	0 degrees
	Electrical Beam Tilt	1.50
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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	0.899	90	0.94	180	0.245	270	0.94
10	0.9	100	0.854	190	0.232	280	0.987
20	0.905	110	0.733	200	0.207	290	1
30	0.917	120	0.588	210	0.218	300	0.988
40	0.936	130	0.437	220	0.302	310	0.963
50	0.963	140	0.302	230	0.437	320	0.936
60	0.988	150	0.218	240	0.588	330	0.917
70	1	160	0.207	250	0.733	340	0.905
80	0.987	170	0.232	260	0.854	350	0.9

Additional Azimuths

Degree	V <sub>A</sub>
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## 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 Ruppert</b> <i>Director, Support Engineering</i>  11/20/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">KGPX STA Antenna Exhibit 2018-11-20.pdf</a>	Applicant	All Purpose	KGPX Antenna Exhibit
<a href="#">KGPX STA Explanation Exhibit 2018-11-20.pdf</a>	Applicant	General Information	KGPX STA Exhibit