



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000060033 | Submit Date: 10/01/2018 | Call Sign: WPTA | Facility ID: 73905 | FRN: 0018223693 | State: Indiana | City: FORT WAYNE

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 10/02/2018 | 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
WPTA LICENSE, LLC Applicant Doing Business As: WPTA LICENSE, LLC	P.O. BOX 909 QUINCY, IL 62306 United States	+1 (217) 223-5100	bdreasler@quincyinc.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
Stephen Hartzell Hartzell Brooks, Pierce et al.	150 Fayetteville Street Suite 1700 Raleigh, NC 27601 United States	+1 (919) 839-0300	shartzell@brookspierce.com	Legal Representative
Scott Turpie Turpie Lohnes & Culver LLC	PO Box 881 Silver Spring, MD 20918-0881 United States	+1 (301) 776-4488	scott@locul.com	Technical Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	73905
	State	Indiana
	City	FORT WAYNE
	DTV Channel	24
	Designated Market Area	Ft. Wayne
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	1

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1306723
Coordinates (NAD83)	Latitude	41° 06' 07.6" N+
	Longitude	085° 11' 03.6" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	235.0 meters
	Support Structure Height	221.8 meters
	Ground Elevation (AMSL)	248.7 meters
Antenna Data	Height of Radiation Center Above Ground Level	152.4 meters
	Height of Radiation Center Above Average Terrain	153.1 meters
	Height of Radiation Center Above Mean Sea Level	401.1 meters
	Effective Radiated Power	477 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	1004051
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TFU-16WB-1-R S230
	Rotation	285 degrees
	Electrical Beam Tilt	0.55
	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	1.000	90	0.627	180	0.522	270	0.627
10	0.994	100	0.532	190	0.501	280	0.699
20	0.975	110	0.427	200	0.443	290	0.767
30	0.947	120	0.327	210	0.361	300	0.822
40	0.913	130	0.266	220	0.287	310	0.868
50	0.873	140	0.284	230	0.270	320	0.908
60	0.828	150	0.360	240	0.330	330	0.943
70	0.773	160	0.443	250	0.429	340	0.972
80	0.707	170	0.501	260	0.533	350	0.992

Additional Azimuths

Degree	V _A
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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	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID 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.	Ralph M. Oakley M. Oakley <i>President</i> 10/01/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WPTA_Technical-Statement_20180928.pdf</u>	Applicant	All Purpose	Technical Statement