



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: 0000213864 | Submit Date: 04/13/2023 | Call Sign: WTVK | Facility ID: 52280 | FRN: 0005944368 | State: Illinois | City: OSWEGO

Service: DTV | Purpose: Engineering STA | Status: Granted | Status Date: 04/18/2023 | Expiration Date: 10/17/2023 |

Filing Status: Active

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	MPV	\$300.00
Total		\$300.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Four Seasons Peoria, LLC	5670 Wilshire Blvd., Suite 1620 Los Angeles, CA 90036 United States	+1 (323) 965-5400	fcc@ventechgroup.com	Limited Liability Company

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
Ari Meltzer Wiley Rein LLP	2050 M Street NW Washington, DC 20036 United States	+1 (202) 719-7000	ameltzer@wiley.law	Legal Representative
Lawrence rogow <i>Manager</i> Four Seasons Peoria, LLC	5670 Wilshire Blvd., Suite 1620 Los Angeles, CA 90036 United States	+1 (323) 965-5400	rogow@ventechgroup.com	Technical Representative
Joan Stewart Wiley Rein LLP	2050 M Street NW Washington, DC 20036 United States	+1 (202) 719-7438	jstewart@wiley.law	Legal Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	52280
	State	Illinois
	City	OSWEGO
	DTV Channel	10
	Designated Market Area	Chicago
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	1028357
Coordinates (NAD83)	Latitude	41° 16' 54.6" N+
	Longitude	088° 56' 11.1" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	418.6 meters
	Support Structure Height	418.6 meters
	Ground Elevation (AMSL)	192.6 meters
Antenna Data	Height of Radiation Center Above Ground Level	404 meters
	Height of Radiation Center Above Average Terrain	410.7 meters
	Height of Radiation Center Above Mean Sea Level	596.6 meters
	Effective Radiated Power	30 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1010635
Antenna Manufacturer and Model	Manufacturer:	Dielectric
	Model	TLS-V6/VP-R C260
	Rotation	45 degrees
	Electrical Beam Tilt	7.1
	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	1.0	90	0.554	180	0.322	270	0.554
10	0.989	100	0.489	190	0.306	280	0.612
20	0.956	110	0.413	200	0.262	290	0.667
30	0.907	120	0.328	210	0.214	300	0.723
40	0.848	130	0.247	220	0.200	310	0.785
50	0.785	140	0.200	230	0.247	320	0.848
60	0.723	150	0.214	240	0.328	330	0.907
70	0.667	160	0.262	250	0.413	340	0.956
80	0.612	170	0.306	260	0.489	350	0.989

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.	Lawrence Rogow <i>Manager</i> 04/13/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
Engineering STA Request.pdf	Applicant	General Information	Engineering STA Request