



(REFERENCE COPY - Not for submission)

LPTV Translator Engineering STA Application

File Number: 0000224599 | Submit Date: 11/02/2023 | Call Sign: K51DR-D | Facility ID: 2513 | FRN: 0008540445 | State: Washington | City: WENATCHEE

Service: LPT | Purpose: Engineering STA | Status: Granted | Status Date: 11/06/2023 | Expiration Date: 05/05/2024 |

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	MGL	\$300.00
Total		\$300.00

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
<b>APPLE VALLEY TV ASSOCIATION, INC.</b> Doing Business As: APPLE VALLEY TV ASSOCIATION, INC.	John Seabeck, President 341 Grant Road East Wanatchee, WA 98802 United States	+1 (509) 888-2020	john@localtel. com	Unincorporated Association

**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  
(1)

Contact Name	Address	Phone	Email	Contact Type
John C Trent , Esq . <i>FCC Counsel</i> Putbrese Hunaker & Trent, P. C.	John C. Trent, Esq. 200 South Church Street Woodstock, VA 22664 United States	+1 (540) 459- 7646	fccman3@shentel. net	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	2513	
State	Washington	
City	WENATCHEE	
LPT Channel	51	

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	47° 19' 20.4" N+
	Longitude	120° 14' 27.2" W-
	Structure Type	UTOWER-Unguyed - Free Standing Tower
	Overall Structure Height	10 meters
	Support Structure Height	10.0 meters
	Ground Elevation (AMSL)	1153 meters
Antenna Data	Height of Radiation Center Above Ground Level	5 meters
	Height of Radiation Center Above Mean Sea Level	1158 meters
	Effective Radiated Power	0.27 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	23501
Antenna Manufacturer and Model	Manufacturer:	SCA
	Model	PR-450U
	Rotation	334 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation 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	
	Out-of-Channel Emission Mask:	Simple

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.06	180	0.025	270	0.06
10	0.8	100	0.07	190	0.03	280	0.06
20	0.4	110	0.07	200	0.04	290	0.06
30	0.15	120	0.075	210	0.04	300	0.06
40	0.09	130	0.075	220	0.07	310	0.06
50	0.07	140	0.065	230	0.07	320	0.09
60	0.065	150	0.025	240	0.075	330	0.18
70	0.06	160	0.025	250	0.075	340	0.46
80	0.06	170	0.025	260	0.065	350	0.815

Additional Azimuths

Degree	V <sub>A</sub>
5	0.95
355	0.95

## 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>John Seabeck</b> <i>President</i>  11/02/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>STA.Apple.10.18.2023.docx</u>	Applicant	General Information	STA