



(REFERENCE COPY - Not for submission)

Modification of a LPTV Translator Construction Permit Application

File Number: **0000152222** | Submit Date: **07/09/2021** | Call Sign: **K19CX-D** | Facility ID: **40458** | FRN: **0005795281** | State: **Arizona** | City: **YUMA**
Service: **LPT** | Purpose: **Minor Modification 0000145960** | Status: **Granted** | Status Date: **07/12/2021** | Expiration Date: **07/13/2021** | Filing Status: **InActive**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Fees, Waivers, and Exemptions

Section	Question	Response
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	
	Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	No

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ARIZONA BOARD OF REGENTS FOR ARIZONA STATE UNIVERSITY Doing Business As: ARIZONA PBS	Karl Voss 555 NORTH CENTRAL AVENUE SUITE 500 PHOENIX, AZ 85004 United States	+1 (602) 496-8888	karl. voss@asu. edu	Government Entity

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
William Meintel <i>Senior Partner</i> Meintel, Sgrignoli & Wallace, LLC	Bill Meintel PO Box 907 Warrenton, VA 20188 United States	+1 (540) 428- 2308	william.meintel@mswdtv. com	Technical Representative
Melodie A. Virtue , Esq . <i>FCC Counsel</i> Foster Garvey PC	1000 Potomac Street NW Suite 200 Washington, DC 20007 United States	+1 (202) 298- 2527	melodie.virtue@foster. com	Legal Representative
Karl Voss <i>Chief Engineer</i> KAET	Karl Voss 555 N. Central Av Suite 500 Phoenix, AZ 85004 United States	+1 (602) 496- 1074	karl.voss@asu.edu	Technical Representative

Alien Ownership

Question	Response
1) Is the applicant a foreign government or the representative of any foreign government as specified in Section 310(a) of the Communications Act?	No
2) Is the applicant an alien or the representative of an alien? (Section 310(b)(1))	No
3) Is the applicant a corporation, or non-corporate entity, that is organized under the laws of any foreign government? (Section 310(b)(2))	No
4) Is the applicant an entity of which more than one-fifth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any entity organized under the laws of a foreign country? (Section 310(b)(3))	No
5) Is the applicant directly or indirectly controlled by any other entity of which more than one-fourth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any entity organized under the laws of a foreign country? (Section 310(b)(4))	No
6) Has the applicant received a declaratory ruling(s) under Section 310(b)(4) of the Communications Act?	No
7) In connection with this application, is the applicant filing a foreign ownership Petition for Declaratory Ruling pursuant to Section 310(b)(4) of the Communications Act?	No

Basic Qualifying Questions

Section	Question	Response
Revoked Application	Has the Applicant or any party to this application had any FCC station Authorization revoked or had any application for an initial, modification or renewal of FCC station Authorization denied by the Commission?	No
State or Federal Convictions	Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	No

**Channel and
Facility
Information**

Section	Question	Response
Facility ID	40458	
State	Arizona	
City	YUMA	
LPT Channel	19	

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	32° 40' 23.8" N+
	Longitude	114° 20' 13.7" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	57.9 meters
	Support Structure Height	57.9 meters
	Ground Elevation (AMSL)	496.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	37.2 meters
	Height of Radiation Center Above Mean Sea Level	533.7 meters
	Effective Radiated Power	1.8 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1008409
Antenna Manufacturer and Model	Manufacturer:	SCA
	Model	TWO_PARAFLECTOR_85_275_25_75
	Rotation	0 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:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.074	90	0.561	180	0.073	270	0.943
10	0.074	100	0.377	190	0.073	280	0.944
20	0.073	110	0.180	200	0.075	290	0.627
30	0.077	120	0.097	210	0.075	300	0.286
40	0.083	130	0.074	220	0.076	310	0.141
50	0.107	140	0.070	230	0.089	320	0.094
60	0.188	150	0.072	240	0.135	330	0.080
70	0.381	160	0.074	250	0.281	340	0.076
80	0.563	170	0.071	260	0.625	350	0.075

Additional Azimuths

Degree	V _A
85.0	0.595
275.0	1.000

**Parties to the
Application (0)**

Information not provided.

Attributable Interest

Section	Question	Response
Equity and Financial Interests	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
Other Authorizations	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

**Construction
Permit
Certifications**

Section	Question	Response
Environmental Effect	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	No
Broadcast Facility	The proposed facility complies with all of the following applicable rule sections. 47 C.F.R. Sections 74.709, 74.793 (e), 74.793(f), 74.793(g), 74.793(h)	Yes

**Legal
Certifications**

Section	Question	Response
Character Issues	<p>Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with:</p> <p>(a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or</p> <p>(b) any pending broadcast application in which character issues have been raised.</p>	
Adverse Findings	<p>Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?</p>	
Program Service Certification	<p>Applicant certifies that it is cognizant of and will comply with its obligations as a Commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.</p>	
Local Public Notice	<p>Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.</p>	
Equal Employment Opportunity (EEO)	<p>If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report.</p>	

Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>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.).</p>	
	<p>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.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>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.</p> <p>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).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Adrienne Fairwell <i>General Manager</i></p> <p>07/09/2021</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
CP_MOD_Engineering_Statement_07092021.pdf	Applicant	All Purpose	CP-MOD #2 Engineering Statement
CP_MOD_Engineering_Statement.pdf	Applicant	All Purpose	CP-MOD Engineering Statement
CP_MOD_tvixstudy.pdf	Applicant	All Purpose	TVStudy Interference Analysis Results for CP-MOD
K19CX_CP_MOD_07092021_tvixstudy.pdf	Applicant	All Purpose	CP-MOD #2 TVStudy Interference Analysis Results
K19CX_FLASH_CUT_tvixstudy.pdf	Applicant	Technical Certifications	TVStudy Interference Analysis Results
K19CX-RF_Exposure_v2.pdf	Applicant	Technical Certifications	RF Exposure Flash Cut v2
RF_Exposure_Statement_CP_MOD_07092021.pdf	Applicant	All Purpose	CP-MOD #2 RF Exposure Statement
Scala_Two_Paraflector.pdf	Applicant	Technical Certifications	Antenna Data