



(REFERENCE COPY - Not for submission)

Low Power FM Engineering STA Application

File Number: 0000211657

Submit Date: 03/01/2023

Lead Call Sign: KXYS-LP

Facility ID: 197192

FRN: 0030178776

Service: Low Power FM

Purpose: Engineering STA

Status: Granted

Status Date: 03/02/2023

Filing Status: Active

General Information

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

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:	

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
YUBA SUTTER COMMUNITY MEDIA, INC, Doing Business As: YUBA SUTTER COMMUNITY MEDIA, INC,	Ted Langdell, Secretary 209 East 12th Street MARYSVILLE, CA 95901 United States	+1 (530) 301-2931	INFO@YUBA-SUTTERCOMMUNITYMEDIA.ORG	NFP

Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
Michelle Bradley , CBT . REC Networks	11541 Riverton Wharf Rd Mardela Springs, MD 21837 United States	+1 (202) 621-2355	lpfm@recnet.com	Technical Representative
Ted Langdell Secretary, Director YUBA SUTTER COMMUNITY MEDIA, INC,	Ted Langdell, Secretary 209 East 12th Street MARYSVILLE, CA 95901 United States	+1 (530) 301-2931	INFO@YUBA-SUTTERCOMMUNITYMEDIA.ORG	Administrative Contact

STA Purpose

Section	Question	Response
STA Purpose	This Special Temporary Authority is requested for use of:	Other antenna system

Channel and Facility Information

Section	Question	Response
Proposed Community of License	State	California
	City	MARYSVILLE
	Channel	232
	Frequency	94.3
Facility Type	Facility Type	

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	39° 07' 42.3" N+
	Longitude	121° 38' 32.5" W-
	Structure Type	POLE-Pole used only to mount an antenna
	Overall Structure Height	9 meters
	Support Structure Height	0 meters
	Ground Elevation (AMSL)	17 meters
Antenna Data	Height of Radiation Center Above Ground Level	Horizontal:7.6 meters Vertical:7.6 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:24.6 meters Vertical:24.6 meters
	Effective Radiated Power	Horizontal: 100.0 W Vertical: 100.0 W

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional

Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.682	90	0.988	180	0.992	270	0.628
10	0.738	100	0.988	190	1.0	280	0.594
20	0.815	110	0.988	200	0.991	290	0.571
30	0.897	120	0.983	210	0.963	300	0.558
40	0.953	130	0.983	220	0.923	310	0.553
50	0.973	140	0.983	230	0.862	320	0.558
60	0.983	150	0.983	240	0.797	330	0.571
70	1.0	160	0.988	250	0.731	340	0.594
80	0.992	170	0.988	260	0.676	350	0.628

Additional Azimuths

Degree	Value
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### STA 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

### 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 declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>Ted Langdell</b> <i>Secretary Director</i>  03/01/2023

### Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
<a href="#">KXYS1.pdf</a>	Applicant	STA Purpose	STA exhibit. Expedite requested due to §312(g).	Done with Virus Scan and/or Conversion

