



(REFERENCE COPY - Not for submission)  
Full Power FM Engineering STA Application

File Number: **0000219651** | Submit Date: **08/21/2023** | Lead Call Sign: **KKJZ** | Facility ID: **8197**

FRN: **0010349496**

Service: **Full Power FM** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **08/21/2023** | Filing Status: **Active**

### General Information

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

### Fees, Waivers, and Exemptions

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	NCE Station
	Is the applicant exempt from FCC regulatory Fees?	Yes
<b>Waivers</b>	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
<b>CALIFORNIA STATE UNIV., LONG BEACH RESEARCH FOUNDATION</b> Doing Business As: CALIFORNIA STATE UNIV., LONG BEACH RESEARCH FOUNDATION	6300 E. STATE UNIVERSITY DRIVE SUITE 332 LONG BEACH, CA 90815 United States	+1 (562) 985-5537	brian.nowlin@csulb.edu	NFP

### Contact Representatives (2)

Contact Name	Address	Phone	Email	Contact Type
<b>Clarence M. Beverage</b> <i>Broadcast Engineering Consultant</i> Communications Technologies	23 Binsted Drive Medford, NJ 08055 United States	+1 (609) 451-5296	cbeverage@commtechrf.com	Technical Representative
<b>Sara L. Hinkle, Esq.</b> Fletcher, Heald & Hildreth, PLC	1300 NORTH 17TH STREET 11TH FLOOR ARLINGTON, VA 22209 United States	+1 (703) 812-0415	hinkle@fhhlaw.com	Legal Representative

### STA Purpose

Section	Question	Response
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<b>STA Purpose</b>	This Special Temporary Authority is requested for use of:	Other antenna system
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### Channel and Facility Information

Section	Question	Response
<b>Proposed Community of License</b>	State	California
	City	LONG BEACH
	Channel	201
	Frequency	88.1
<b>Facility Type</b>	Facility Type	Noncommercial Educational
<b>Station Class</b>	Station Class	B

### Antenna Location Data

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1218222
<b>Coordinates (NAD83)</b>	Latitude	33° 47' 58.1" N+
	Longitude	118° 09' 46.2" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	46.6 meters
	Support Structure Height	46.6 meters
	Ground Elevation (AMSL)	106.7 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	Horizontal: Vertical:36 meters
	Height of Radiation Center Above Average Terrain	Horizontal: Vertical:137 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:0 meters Vertical:142.7 meters
	Effective Radiated Power	Horizontal: Vertical: 4.5 kW

### Antenna Technical Data

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Non-Directional

#### Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
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#### Additional Azimuths

Degree	Value
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### STA Certifications

Section	Question	Response
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<b>Environmental Effect</b>	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
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## Certification

Section	Question	Response
<b>General Certification Statements</b>	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.	
<b>Authorized Party to Sign</b>	<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>Brian Nowlin</b> <i>Chief Operating Officer</i>  08/21/2023

## Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
<a href="#">KKJZ STA ENGINEERING NARRATIVE 08192023.pdf</a>	Applicant	STA Purpose	STA PURPOSE AND ENGINEERING NARRATIVE 08192023	Done with Virus Scan and/or Conversion