

Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0386 (July 2002)	FOR FCC USE ONLY
Engineering STA		FOR COMMISSION USE ONLY FILE NO. BSTA - 20160222ABX
Read Instructions/FAQ before filling out form		

Section I - General Information

1.	Legal Name of the Applicant UNIVERSITY OF REDLANDS		
	Mailing Address 1200 EAST COLTON AVENUE		
	City REDLANDS	State or Country (if foreign address) CA	Zip Code 92374 -
	Telephone Number (include area code) 9093354000		E-Mail Address (if available) FCCFILING@MPR.ORG
	FCC Registration No 0001532266	Call Sign KUOR-FM	Facility ID Number 69217
2.	Contact Representative (if other than licensee/permittee) FRANK JAZZO	Firm or Company Name FLETCHER, HEALD & HILDRETH, P.L.C.	
	Mailing Address 1300 NORTH 17TH STREET 11TH FLOOR		
	City ARLINGTON	State or Country (if foreign address) VA	ZIP Code 22209 -
	Telephone Number (include area code) 7038120400		E-Mail Address (if available) JAZZO@FHHLAW.COM
3.	Purpose:		
	<input checked="" type="radio"/> Engineering STA		
	<input type="radio"/> Extension of Existing Engineering STA		
	<input type="radio"/> Legal STA		
	<input type="radio"/> Extension of Existing Legal STA		
4.	Service: FM		
5.	Community of License: City: REDLANDS State: CA		
6.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114):		
	<input type="radio"/> Governmental Entity <input checked="" type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other		
	<input type="radio"/> N/A (Fee Required)		

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

7.0.	STA is requested for use of
	<input type="radio"/> Licensed Antenna system with:
	<input type="radio"/> Reduced power
	<input type="radio"/> Reduced hours of operation
	<input type="radio"/> Required equipment out of service
	<input type="radio"/> Other variance [Exhibit 1]
	<input type="radio"/> Antenna system authorized by Construction Permit:
	Describe requested modes of operation [Exhibit 2]

<input checked="" type="radio"/> Other antenna system: (Complete Items 7.1 - 7.11)											
7.1. Channel Number: 206											
7.2. Antenna Location Coordinates: (NAD 27)											
Latitude:											
Degrees 34 Minutes 11 Seconds 46.53 <input checked="" type="radio"/> North <input type="radio"/> South											
Longitude:											
Degrees 117 Minutes 2 Seconds 55.79 <input checked="" type="radio"/> West <input type="radio"/> East											
7.3. Antenna Structure Registration Number:											
<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA											
7.4. Overall Tower Height Above Ground Level: 8meters											
7.5. Height of Radiation Center Above Mean Sea Level: 2402 meters(H) 2402 meters(V)											
7.6. Height of Radiation Center Above Ground Level: 8meters(H) 8meters(V)											
7.7. Height of Radiation Center Above Average Terrain: 813meters(H) 813meters(V)											
7.8. Effective Radiated Power: 0.035 kW(H) 0.035 kW(V)											
7.9. Maximum Effective Radiated Power: <input checked="" type="checkbox"/> Not Applicable kW(H) kW(V) (Beam-Tilt Antenna ONLY)											
7.10. Directional Antenna Relative Field Values: <input checked="" type="checkbox"/> Not applicable (Nondirectional)											
Rotation (Degrees): <input type="checkbox"/> No Rotation											
Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
0		10		20		30		40		50	
60		70		80		90		100		110	
120		130		140		150		160		170	
180		190		200		210		220		230	
240		250		260		270		280		290	
300		310		320		330		340		350	
Additional Azimuths											
7.11. Environmental Protection Act. The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an Exhibit is required.										<input checked="" type="radio"/> Yes <input type="radio"/> No	
By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.										See Explanation in [Exhibit 3]	
8. Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1)the specific rules and/or policies from which the applicant seeks temporary relief; 2) how the public interest will be furthered by grant; and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought.										[Exhibit 4]	
9. Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.										<input checked="" type="radio"/> Yes <input type="radio"/> No	

I certify that I have prepared Engineering Data on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name LANCE HARPER		Relationship to Applicant (e.g., Consulting Engineer) CE	
Signature		Date (mm/dd/yyyy) 2/18/2016	
Mailing Address 474 SOUTH RAYMOND AV.			
City PASADENA		State or Country (if foreign address) CA	Zip Code 91105 -

Telephone Number (No dashes or parentheses, include area code) 6265904498	E-Mail Address (if available) LHARPER@KPCC.ORG
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I hereby certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations.

Typed or Printed Name of Person Signing CORY NOMURA	Typed or Printed Title of Person Signing CHIEF FINANCIAL OFFICER
Signature	Date (mm/dd/yyyy) 2/22/2016

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

Exhibits

Exhibit 3

Description: RF EXPOSURE

AS DEFINED BY 47 C.F.R. SECTION 1.1307, THE FACILITY IS NOT LOCATED IN ANY AREAS THAT REQUIRE ENVIRONMENTAL ASSESSMENT AND IT WILL NOT HAVE A SIGNIFICANT ENVIRONMENTAL IMPACT. THE REQUESTED OPERATION UNDER STA WOULD BE LOCATED AT THE MAIN TRANSMITTER SITE PREVIOUSLY AUTHORIZED BY THE FCC.

THE EXISTING TRANSMITTER SITE IS SURROUNDED BY SECURITY FENCING AND IS POSTED FOR RF HAZARD. IN ACCORDANCE WITH PART (B) OF THIS SECTION, A STUDY OF RADIOFREQUENCY RADIATION FROM THE PROPOSED OPERATION WAS PERFORMED. THE STUDY FOUND THAT ALL NORMALLY-ACCESSIBLE LOCATIONS COMPLY WITH THE MAXIMUM PERMISSIBLE RADIOFREQUENCY ELECTROMAGNETIC EXPOSURE LIMITS FOR CONTROLLED AND UNCONTROLLED ENVIRONMENTS.

Attachment 3

Exhibit 4

Description: TEMPORARY ANTENNA INSTALL

THE STATION'S MAIN TRANSMISSION SITE SUFFERED A TOWER COLLAPSE DURING A WIND AND SNOW STORM JANUARY 31, 2016 . THE TOWER IS OWNED BY THE CALIFORNIA HIGHWAY PATROL. BECAUSE OF THE REMOTE LOCATION OF THE SITE, THEY ESTIMATE 6 MONTHS TO COMPLETE THE TOWER REPLACEMENT. THE SITE OWNER HAS MOUNTED TEMPORARY PIPE MASTS TO THE TRANSMITTER BUILDING, ADJACENT TO THE FORMER TOWER, FOR TEMPORARY MOUNTING OF ANTENNAS.

KUOR-FM HAS AN AUXILIARY TRANSMITTER SITE THAT COVERS ONLY A SMALL PERCENTAGE OF ITS MAIN TRANSMITTER COVERAGE DUE TO A LOWER ANTENNA HEIGHT OF 2400 METERS (SEE THE ATTACHED PDF SHOWING THE 60DBU CONTOURS OF THE MAIN AND AUX). THE AUX COVERAGE AREA DOES NOT INCLUDE THE IMPORTANT HIGH DESERT AREAS OF APPLE VALLEY THAT ARE NORMALLY SERVED BY THE MAIN TRANSMITTER SITE.

OPERATION OF THE AUX FOR THE EXTENDED TIME REQUIRED TO REPLACE THE MAIN TOWER WOULD ADVERSELY IMPACT THE LISTENERS OF KUOR-FM. THE LICENSEE REQUESTS SPECIAL TEMPORARY AUTHORITY FOR 6 MONTHS TO OPERATE WITH THE TEMPORARY ANTENNA INSTALLATION 9 METERS BELOW ITS LICENSED HEIGHT.

Attachment 4

Description
60dbu KUOR primary and backup



Untitled Map

Write a description for your map.

- Legend**
- 80 dBu Service contour (alternate color)
 - ✈ Airport
 - 🍕 Chuck E. Cheese's
 - Feature 1
 - 📍 Feature 2
 - 📍 Feature 3
 - 📍 Feature 4
 - 📍 Feature 5
 - 📍 Feature 6
 - 🏠 Keys Ranch
 - 🏛 Museum
 - 🏨 Resort
 - 🌲 San Bernardino National Forest
 - 🎰 San Manuel Indian Bingo & Casino
 - 🌲 Whitewater Preserve

Google earth
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