

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL
(Nature of Service)

WE2XKU
(Call Sign)

XC FX
(Class of Station)

0323-EX-RR-2009
(File Number)

NAME L-3 Communications / Randtron Systems

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(b) of the Commission's Rules

Station Locations

(1) HALF MOON BAY (SAN MATEO), CA - NL 37-30-54; WL 122-22-44

Frequency Information

HALF MOON BAY (SAN MATEO), CA - NL 37-30-54; WL 122-22-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.3-2.7 GHz	FX	NON	1 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.

This authorization effective December 05, 2009 and
will expire 3:00 A.M. EST December 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Air Force contract number F33657-00-G-4029, Randtron subcontract number 4500258387. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (5) Operation requires consent of affected existing Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (6) This frequency assignment in the bands 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Western Area Frequency Coordinator (WAFC) who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the WAFC as necessary to ensure compatibility with existing uses.
- (7) This frequency assignment in the bands 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, Texas, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, Texas, as necessary to ensure compatibility with existing uses.