

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

EXPERIMENTAL
(Nature of Service)

WF2XJX
(Call Sign)

XC FX
(Class of Station)

0125-EX-RR-2012
(File Number)

NAME University of Maryland MAXWell Laboratory

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) College Park (PRINCE GEORGES), MD - NL 38-59-27; WL 76-56-11
- (2) College Park (PRINCE GEORGES), MD - NL 38-59-27; WL 76-56-11
- (3) College Park (PRINCE GEORGES), MD - NL 38-59-27; WL 76-56-11

Frequency Information

College Park (PRINCE GEORGES), MD - NL 38-59-27; WL 76-56-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2498.5-2687.5 MHz	FX	5M00W7D 10M0W7D	50 W (ERP)	

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This authorization effective May 01, 2012 and
will expire 3:00 A.M. EST May 01, 2014

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Special Conditions:

- (1) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number CNS-0643443. 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.