

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

EXPERIMENTAL

(Nature of Service)

WG2XHF

(Call Sign)

XC FX MO

(Class of Station)

0305-EX-PL-2012

(File Number)

NAME Hume Center at Virginia Tech

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) Blacksburg (MONTGOMERY), VA - NL 37-13-54; WL 80-25-25; MOBILE:within 15 km

Frequency Information

Blacksburg (MONTGOMERY), VA - NL 37-13-54; WL 80-25-25; MOBILE:within 15 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3500 MHz	FX	N0N	100 W (ERP)	
		5M00A1A		
		5M00F1D		
		5M00G1D		

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.

This authorization effective September 17, 2012 and
will expire 3:00 A.M. EST October 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by Office of Naval Research contract no. N00014-12-1-0062. 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.