

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XFJ

(Call Sign)

0137-EX-ML-2012

(File Number)

NAME Texas A&M University AggieSat Lab

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(i) of the Commission's Rules

Station Locations

- (1) MOBILE: Bryan, TX - Low Earth Orbit, centered around NL 30-38-37; WL 96-28-20
- (2) MOBILE: Bryan, TX - Low Earth Orbit, centered around NL 30-38-37; WL 96-28-20

Frequency Information

MOBILE: Bryan, TX - Low Earth Orbit, centered around NL 30-38-37; WL 96-28-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.25-401.75 MHz	MO	406KF7D	8 W (ERP)	1 %
416.5-417 MHz	MO	406KF7D	8 W (ERP)	1 %
422-422.5 MHz	MO	406KF7D	8 W (ERP)	1 %
429-429.5 MHz	MO	406KF7D	8 W (ERP)	1 %

This authorization effective October 16, 2012 and
will expire 3:00 A.M. EST July 17, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Bryan, TX - Low Earth Orbit, centered around NL 30-38-37; WL 96-28-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
436-436.5 MHz	MO	406KF7D	8 W (ERP)	1 %
436.5-437 MHz	MO	406KF7D	8 W (ERP)	1 %
442-442.5 MHz	MO	406KF7D	8 W (ERP)	1 %
452.25-452.75 MHz	MO	406KF7D	8 W (ERP)	1 %
455-455.5 MHz	MO	406KF7D	8 W (ERP)	1 %
462.75-463.25 MHz	MO	406KF7D	8 W (ERP)	1 %

MOBILE: Bryan, TX - Low Earth Orbit, centered around NL 30-38-37; WL 96-28-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483.5 MHz	MO	451KF7D	8 W (ERP)	1 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 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) 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.