

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WG9XVF

(Call Sign)

XT FX MO

(Class of Station)

0663-EX-ST-2013

(File Number)

NAME Cubic Defense Applications

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

RF communications component for tracking and AAR data collection as part of a proposal effort for AMITS. The demo is for 2 days in the Orlando area ranging from September to November. RF

Station Locations

- (1) Orlando (ORANGE), FL - NL 28-39-23; WL 81-05-26; MOBILE: within Big Oaks Ranch and the surrounding roads, within 5 km

Frequency Information

Orlando (ORANGE), FL - NL 28-39-23; WL 81-05-26; MOBILE: within Big Oaks Ranch and the surrounding roads, within 5 kn

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	FX	16M5D1D 33M1K1D 22M0M1D	19.4 W (ERP)	10 %

This authorization effective September 01, 2013 and
will expire 3:00 A.M. EST December 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Cubic Defense must notch out the following frequency bands:
4940 - 5000 MHz
 - i. 4940 - 4990 MHz FCC exclusive
 - ii. 4990 - 5000 MHz Passive Band
- (2) NTIA cannot support the use of the 225 - 400 MHz band with a 20 MHz emission