

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI9XZD

(Call Sign)

0977-EX-ST-2015

(File Number)

NAME Raytheon Missile Systems

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:

Testing of satellite performance during integration into launch vehicle. See exhibit for additional details.

Station Locations

- (1) Los Angeles (LOS ANGELES), CA - NL 33-56-30; WL 118-22-23
- (2) Huntington Beach (ORANGE), CA - NL 33-44-06; WL 118-01-35
- (3) Irvine (ORANGE), CA - NL 33-38-02; WL 117-44-14
- (4) Los Alamitos (ORANGE), CA - NL 33-48-21; WL 118-03-30

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-56-30; WL 118-22-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	FX	25K0G1D	17.18 W (ERP)	
437.425 MHz	FX	25K0G1D	5.18 nW (ERP)	

This authorization effective September 27, 2015 and
will expire 3:00 A.M. EST February 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-56-30; WL 118-22-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.45 MHz	FX	25K0G1D	17.18 W (ERP)	
437.45 MHz	FX	25K0G1D	5.18 nW (ERP)	
2425 MHz	FX	1M60G1D	9.661 W (ERP)	

Huntington Beach (ORANGE), CA - NL 33-44-06; WL 118-01-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	FX	25K0G1D	17.18 W (ERP)	
437.425 MHz	FX	25K0G1D	5.18 nW (ERP)	
437.45 MHz	FX	25K0G1D	17.18 W (ERP)	
437.45 MHz	FX	25K0G1D	5.18 nW (ERP)	
2425 MHz	FX	1M60G1D	9.661 W (ERP)	

Frequency Information

Irvine (ORANGE), CA - NL 33-38-02; WL 117-44-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	FX	25K0G1D	17.18 W (ERP)	
437.425 MHz	FX	25K0G1D	5.18 nW (ERP)	
437.45 MHz	FX	25K0G1D	17.18 W (ERP)	
437.45 MHz	FX	25K0G1D	5.18 nW (ERP)	
2425 MHz	FX	1M60G1D	9.661 W (ERP)	

Los Alamitos (ORANGE), CA - NL 33-48-21; WL 118-03-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	FX	25K0G1D	17.18 W (ERP)	
437.425 MHz	FX	25K0G1D	5.18 nW (ERP)	
437.45 MHz	FX	25K0G1D	17.18 W (ERP)	
437.45 MHz	FX	25K0G1D	5.18 nW (ERP)	

Frequency Information

Los Alamitos (ORANGE), CA - NL 33-48-21; WL 118-03-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2425 MHz	FX	1M60G1D	9.661 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) Operation is limited to on the ground and indoor only.