

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

EXPERIMENTAL

(Nature of Service)

XT      FX

(Class of Station)

WN9XAC

(Call Sign)

1345-EX-ST-2018

(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 COTS radar systems.

**Station Locations**

- (1) Tucson (PIMA), AZ - NL 32-06-00; WL 110-57-00
- (2) Point Loma (SAN DIEGO), CA - NL 32-40-03; WL 117-14-26
- (3) San Nicolas Island (LOS ANGELES), CA - NL 33-14-03; WL 119-29-58

**Frequency Information**

Tucson (PIMA), AZ - NL 32-06-00; WL 110-57-00

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 9354-9446 MHz | FX            | 25M0P0N<br>25M0N0N  | 9.7 kW (ERP)     |                           |

This authorization effective August 20, 2018 and  
will expire 3:00 A.M. EST January 31, 2019

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Point Loma (SAN DIEGO), CA - NL 32-40-03; WL 117-14-26

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 9354-9446 MHz | FX            | 25M0N0N<br>25M0P0N  | 9.7 kW (ERP)     |                           |

San Nicolas Island (LOS ANGELES), CA - NL 33-14-03; WL 119-29-58

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 9354-9446 MHz | FX            | 25M0N0N<br>25M0P0N  | 9.7 kW (ERP)     |                           |

## Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (4) Stop buzzer point of contact is Bart Turner at (520) 794-0227.
- (5) Raytheon Missile Systems must coordinate with MCAS Yuma Spectrum Manager, Chris Chaffin, 928-269-3533 at the Tucson, AZ location.
- (6) Raytheon Missile Systems must notch out 9370 MHz at the Point Loma, CA location.
- (7) Raytheon Missile Systems must notch out 9375 MHz at the Tucson, AZ location.