

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

EXPERIMENTAL

(Nature of Service)

WF2XXY

(Call Sign)

XT FX MO

(Class of Station)

1359-EX-ST-2017

(File Number)

NAME Raytheon IDS

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:

Raytheon Integrated Defense Systems (IDS) to test Data from the Counter-Rocket, Artillery and Mortar (C-RAM) Projectile Tracking System 2 (PTS2). The test to be conducted in Tucson,

Station Locations

- (1) Tucson (PIMA), AZ - NL 32-05-43; WL 110-57-06; MOBILE: Tucson, AZ, within 200 km, centered around NL 32-05-43; WL 110-57-06

Frequency Information

Tucson (PIMA), AZ - NL 32-05-43; WL 110-57-06; MOBILE: Tucson, AZ, within 200 km, centered around NL 32-05-43; WL 110-57-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6750-7125 MHz	MO	375MF3N	1 W (ERP)	
15.8-16.188 GHz	MO	3M11M1N 3M34M1N 3M70M1N 6M30M1N	1.8 kW (ERP)	

This authorization effective October 02, 2017 and
will expire 3:00 A.M. EST April 03, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.
- (5) Raytheon IDS should submit the Terminal Guidance Seeker equipment for certification through the NTIA SPS process. Raytheon IDS should have no expectations of automatic approval in the 15.5 – 16.188 GHz band in future submissions until SPS review is initiated and is in compliance with the Table of Frequency Allocations.
- (6) Raytheon IDS must notch out 7125 – 8000 MHz due to potential interference with multiple operations in the area requested.