

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

EXPERIMENTAL

(Nature of Service)

WH9XRZ

(Call Sign)

XT FX

(Class of Station)

0663-EX-ST-2014

(File Number)

NAME Raytheon Integrated Defense Systems Company

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:

Radar testing

Station Locations

- (1) Boston (SUFFOLK), MA - NL 42-21-58; WL 71-01-10
- (2) Manchester (HILLSBOROUGH), NH - NL 42-55-57; WL 71-26-08

Frequency Information

Boston (SUFFOLK), MA - NL 42-21-58; WL 71-01-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9510-9800 MHz	FX	6M50Q3N	568 kW (ERP)	
		7M10Q3N		
		8M90Q3N		
		6M36P0N		

This authorization effective August 11, 2014 and
will expire 3:00 A.M. EST February 12, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Manchester (HILLSBOROUGH), NH - NL 42-55-57; WL 71-26-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9510-9800 MHz	FX	6M50Q3N 7M10Q3N 8M90Q3N 6M36P0N	568 kW (ERP)	

Special Conditions:

- (1) The system shall not be used by Air Traffic Control or for the purpose of Air Traffic Control
- (2) Use of this radio equipment is limited to proof-of-concept demonstration
- (3) Any further development of this radio equipment will require a change to a proper frequency allocation. The current frequency band is not suited for final development.