

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

EXPERIMENTAL

(Nature of Service)

WJ9XYZ

(Call Sign)

XT FX

(Class of Station)

0772-EX-ST-2016

(File Number)

NAME Northrop Grumman Systems Corporation

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:

The purpose of the operation is to test an E-band transceiver for potential backbone use.

Station Locations

- (1) Los Angeles (LOS ANGELES), CA - NL 34-03-27; WL 118-26-51
- (2) Redondo Beach (LOS ANGELES), CA - NL 33-53-29; WL 118-22-27
- (3) Newhall (LOS ANGELES), CA - NL 34-20-51; WL 118-24-32

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 34-03-27; WL 118-26-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
83.5 GHz	FX	5G00A2D	15.353 kW (ERP)	

This authorization effective June 13, 2016 and
will expire 3:00 A.M. EST December 13, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Redondo Beach (LOS ANGELES), CA - NL 33-53-29; WL 118-22-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
83.5 GHz	FX	5G00A2D	15.353 kW (ERP)	

Newhall (LOS ANGELES), CA - NL 34-20-51; WL 118-24-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
83.5 GHz	FX	5G00A2D	15.353 kW (ERP)	

Special Conditions:

- (1) Licensee is required to coordinate operations with existing 81-86 GHz users in the area to avoid interference.