

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

EXPERIMENTAL

(Nature of Service)

WF9XCV

(Call Sign)

XT MO

(Class of Station)

0497-EX-ST-2011

(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:

Demonstration of deployable 3G and 4G mobile communication solutions at the LandWarNet Conference 2011, August 22-25, 2011, at the Tampa Convention Center, Tampa, Florida.

Station Locations

- (1) MOBILE: Tampa Convention Center, 333 S. Franklin Street, Tampa, FL, within 0.1 km, centered around NL 27-56-34; WL 82-27-21

Frequency Information

MOBILE: Tampa Convention Center, 333 S. Franklin Street, Tampa, FL, within 0.1 km, centered around NL 27-56-34; WL 82-27-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-756 MHz	MO	10M0W7W	2 W (ERP)	
777-787 MHz	MO	10M0W7W	2 W (ERP)	
1710-1785 MHz	MO	20M0W7W	2 W (ERP)	

This authorization effective August 25, 2011 and
will expire 3:00 A.M. EST August 26, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Tampa Convention Center, 333 S. Franklin Street, Tampa, FL, within 0.1 km, centered around NL 27-56-34; WL 82-27-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1910 MHz	MO	20M0W7W	2 W (ERP)	
1920-1990 MHz	MO	20M0W7W	2 W (ERP)	
1922.6 MHz	MO	5M00F8W	2 W (ERP)	
1927.4 MHz	MO	5M00F8W	2 W (ERP)	
1957.4 MHz	MO	4M00F9W	250 mW (ERP)	
2110-2170 MHz	MO	20M0W7W	2 W (ERP)	
2112.6 MHz	MO	5M00F8W	2 W (ERP)	
2117.4 MHz	MO	5M00F8W	2 W (ERP)	
2147.4 MHz	MO	4M00F9W	2 mW (ERP)	
2500-2570 MHz	MO	20M0W7W	2 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	MO	20M0W7W	2 W (ERP)	

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (2) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (3) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees prior to operation on 2500-2570 MHz and 2620-2690 MHz.
- (4) Operation on 746-756 MHz and 777-787 MHz is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (5) Operations are permitted at the convention center only.
- (6) Sales of equipment in the band 1755-1850 MHz are not allowed in the USA.