

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

KA2XGP

(Call Sign)

0707-EX-ST-2004

(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:

Antenna measurement range.

Station Locations

(1) Anne Arundel (ANNE ARUNDEL), MD - NL 39-11-05; WL 76-42-23

Frequency Information

Anne Arundel (ANNE ARUNDEL), MD - NL 39-11-05; WL 76-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-608 MHz	FX	N0N	1 W (ERP)	
614-806 MHz	FX	N0N	1 W (ERP)	
1429.5-1435 MHz	FX	N0N	100 W (ERP)	

This authorization effective December 19, 2004 and
will expire 3:00 A.M. EST June 19, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Anne Arundel (ANNE ARUNDEL), MD - NL 39-11-05; WL 76-42-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1990 MHz	FX	N0N	100 W (ERP)	
1990-2025 MHz	FX	N0N	100 W (ERP)	
2305-2320 MHz	FX	N0N	100 W (ERP)	
2345-2360 MHz	FX	N0N	100 W (ERP)	
2385-2390 MHz	FX	N0N	100 W (ERP)	
2450-2690 MHz	FX	N0N	100 W (ERP)	
3600-4200 MHz	FX	N0N	100 W (ERP)	
4500-4800 MHz	FX	N0N	100 W (ERP)	
5925-7125 MHz	FX	N0N	100 W (ERP)	
10700-12200 MHz	FX	N0N	100 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) Operation 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) Operation in the 1850-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (6) Licensee is required to coordinate operations with existing microwave and satellite users in the area to avoid interference.