

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

KA2XBU

(Call Sign)

0037-EX-ML-2005

(File Number)

NAME Northrop Grumman Systems Corporation

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) Linthicum (ANNE ARUNDEL), MD - NL 39-10-54; WL 76-41-24
- (2) (ANNE ARUNDEL), MD - NL 39-11-08; WL 76-42-11
- (3) (ANNE ARUNDEL), MD - NL 39-11-03; WL 76-41-09

Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-10-54; WL 76-41-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2700-2795 MHz	FX	5M00P0N	1.9 GW (ERP)	
2845-2880 MHz	FX	5M00P0N	1.9 GW (ERP)	

This authorization effective May 31, 2005 and
will expire 3:00 A.M. EST December 31, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

(ANNE ARUNDEL), MD - NL 39-11-08; WL 76-42-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz		8M00M1D	100 kW (ERP)	
2700-2795 MHz	FX	5M00P0N	1.9 GW (ERP)	
2845-2880 MHz	FX	5M00P0N	1.9 GW (ERP)	

(ANNE ARUNDEL), MD - NL 39-11-03; WL 76-41-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz		8M00M1D	100 kW (ERP)	
2700-2795 MHz	FX	5M00P0N	1.9 GW (ERP)	
2845-2880 MHz	FX	5M00P0N	1.9 GW (ERP)	

Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Eastern Coordinator, New York, NY. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Eastern Coordinator, New York, NY, as necessary to ensure compatibility with existing uses.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.