

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

EXPERIMENTAL
(Nature of Service)

WC2XXH
(Call Sign)

XD FX MO
(Class of Station)

0120-EX-RR-2009
(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 39-11-09; WL 76-41-19; MOBILE: Linthicum (ANNE ARUNDEL), MD, airborne with a maximum altitude of 13500 meters, within 320 km, centered around NL 39-11-09; WL 76-41-19

Frequency Information

LINTHICUM (ANNE ARUNDEL), MD - NL 39-11-09; WL 76-41-19; MOBILE: Linthicum (ANNE ARUNDEL), MD, airborne with

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-10200 MHz	MO	69M8M1N 17M0M1N 205MQ0N 14M2P0N	18 MW (ERP)	
8500-9000 MHz	FX	14M2P0N 205MQ0N 17M0M1N 69M8M1N	18 MW (ERP)	

This authorization effective July 01, 2009 and
will expire 3:00 A.M. EST July 01, 2011

FEDERAL
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Frequency Information

LINTHICUM (ANNE ARUNDEL), MD - NL 39-11-09; WL 76-41-19; MOBILE: Linthicum (ANNE ARUNDEL), MD, airborne with

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-9000 MHz	MO	14M2P0N 205MQ0N 17M0M1N 69M8M1N	18 MW (ERP)	
9200-10200 MHz	MO	14M2P0N 205MQ0N 17M0M1N 69M8M1N	18 MW (ERP)	
9200-10200 MHz	FX	14M2P0N 205MQ0N 17M0M1N 69M8M1N	18 MW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.