

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

EXPERIMENTAL

(Nature of Service)

WB2XIY

(Call Sign)

XD MO

(Class of Station)

0053-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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: Airborne, up to 5500 meters amsl, within 370 km, centered around NL 39-11-01; WL 76-41-09
- (2) MOBILE: Airborne, up to 5500 meters amsl, within 80 km, centered around NL 43-31-00; WL 75-36-00

Frequency Information

MOBILE: Airborne, up to 5500 meters amsl, within 370 km, centered around NL 39-11-01; WL 76-41-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	2M95Q0N 5M53Q0N	100 kW (ERP)	

MOBILE: Airborne, up to 5500 meters amsl, within 80 km, centered around NL 43-31-00; WL 75-36-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	2M95Q0N	100 kW (ERP)	

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

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Frequency Information

MOBILE: Airborne, up to 5500 meters amsl, within 80 km, centered around NL 43-31-00; WL 75-36-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	5M53Q0N	100 kW (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.