

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

EXPERIMENTAL

(Nature of Service)

KQ2XXH

(Call Sign)

XD FX MO

(Class of Station)

0020-EX-RR-2010

(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) Clinton (ANDERSON), TN - NL 36-05-53; WL 84-06-19; MOBILE: Clinton (ANDERSON), TN, within 4 km, centered around NL 36-05-53; WL 84-06-19

Frequency Information

Clinton (ANDERSON), TN - NL 36-05-53; WL 84-06-19; MOBILE: Clinton (ANDERSON), TN, within 4 km, centered around N

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.8-152 MHz	MO	20K0G1D	5 W (ERP)	
158.2-161.6 MHz	MO	20K0G1D	5 W (ERP)	
169.4-174 MHz	MO	20K0G1D	5 W (ERP)	
450-470 MHz	MO	20K0G1D	5 W (ERP)	

This authorization effective April 01, 2010 and
will expire 3:00 A.M. EST April 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Clinton (ANDERSON), TN - NL 36-05-53; WL 84-06-19; MOBILE: Clinton (ANDERSON), TN, within 4 km, centered around N

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2450-2483.5 MHz	MO	16M5F3W	4 W (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) System shall be narrowband compliant when operational.
- (4) Licensee should be aware that Department of Interior stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.