

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WA2XMG

(Call Sign)

0399-EX-ST-2004

(File Number)

NAME Raytheon Company

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:

**ANY INFORMATION NOT CONTAINED IN THIS LICENSE
MAY BE CLASSIFIED**

Purpose Of Operation:

Test, development and demonstration of radar.

Station Locations

- (1) Westford, MA - NL 42-37-03; WL 71-29-34
- (2) North Andover, MA - NL 42-38-46; WL 71-05-38
- (3) Lexington, MA - NL 42-27-24; WL 71-15-53

Frequency Information

Westford, MA - NL 42-37-03; WL 71-29-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M00M1D	200 W (Output Power)	
9500-9789 MHz	FX	1M00P0N		

This authorization effective September 27, 2004 and
will expire 3:00 A.M. EST March 27, 2005

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Westford, MA - NL 42-37-03; WL 71-29-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9811-9990 MHz	FX	1M00P0N		

North Andover, MA - NL 42-38-46; WL 71-05-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M00M1D	200 W (Output Power)	
9500-9789 MHz	FX	1M00P0N		
9811-9990 MHz	FX	1M00P0N		

Lexington, MA - NL 42-27-24; WL 71-15-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1030 MHz	FX	6M00M1D	200 W (Output Power)	
9500-9789 MHz	FX	1M00P0N		
9811-9990 MHz	FX	1M00P0N		

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) Operation on 1030 MHz is authorized only for pulse repetition rate of 440.