

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WE9XGT

(Call Sign)

0081-EX-ST-2010

(File Number)

NAME Lockheed Martin Corporation

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:

Purpose Of Operation:

Test range for manually adjusted transmitter operations.

Station Locations

- (1) Syracuse (ONONDAGA), NY - NL 43-06-29; WL 76-11-26
- (2) Syracuse (ONONDAGA), NY - NL 43-06-29; WL 76-11-26; MOBILE: Syracuse (ONONDAGA), NY, within 1 km

Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-29; WL 76-11-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.6-1.7 MHz	FX	NON	8 W (ERP)	
2-3.4 MHz	FX	NON	8 W (ERP)	

This authorization effective March 03, 2010 and
will expire 3:00 A.M. EST September 02, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-29; WL 76-11-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.1-6.9 MHz	FX	N0N	8 W (ERP)	
7.4-10 MHz	FX	N0N	8 W (ERP)	
11-14 MHz	FX	N0N	8 W (ERP)	
15-18 MHz	FX	N0N	8 W (ERP)	
19.5 MHz	FX	N0N	8 W (ERP)	
23-27 MHz	FX	N0N	8 W (ERP)	
30 MHz	FX	N0N	8 W (ERP)	

Syracuse (ONONDAGA), NY - NL 43-06-29; WL 76-11-26; MOBILE: Syracuse (ONONDAGA), NY, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-52 MHz	FX	N0N	24 W (ERP)	
62.8625 MHz	FX	N0N	25 W (ERP)	

Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-29; WL 76-11-26; MOBILE: Syracuse (ONONDAGA), NY, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
70-87 MHz	FX	N0N	25 W (ERP)	
125.725-144 MHz	FX	N0N	25 W (ERP)	
146 MHz	FX	N0N	25 W (ERP)	
148-170 MHz	FX	N0N	25 W (ERP)	
225-399 MHz	FX	N0N	25 W (ERP)	
410-423 MHz	FX	N0N	25 W (ERP)	
764-776 MHz	FX	N0N	25 W (ERP)	
795-810 MHz	FX	N0N	25 W (ERP)	
855-893 MHz	FX	N0N	25 W (ERP)	
900 MHz	FX	N0N	25 W (ERP)	

Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-29; WL 76-11-26; MOBILE: Syracuse (ONONDAGA), NY, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
920-924 MHz	FX	N0N	25 W (ERP)	
935-955 MHz	FX	N0N	25 W (ERP)	
1526 MHz	FX	N0N	25 W (ERP)	
1544 MHz	FX	N0N	25 W (ERP)	
1710-2000 MHz	FX	N0N	25 W (ERP)	
2000-2025 MHz	FX	N0N	2 W (ERP)	
		N0N		

Special Conditions:

- (1) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (2) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (3) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (4) 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.
- (5) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.

Special Conditions:

- (6) Operation is subject to prior coordination with the Associated Public Safety Communications Officers, Inc. (APCO); ATTN: Ronald Haraseth; 351 North Williamson Blvd.; Daytona Beach, FL 32114-1112; Telephone: (386) 322-2500.
- (7) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (8) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Navy; contract number N68786-06-C-6205. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (9) The following frequencies must be notched +/- 10 kHz:

M156.3	M156.6	M156.7	M156.8
M157.05	M157.075	M157.1	M157.15
M162.55	M164.425	M166.75	M168.35
M172.4	K1610		

- (10) The following frequency bands must be notched:

K4650-K4700
K5450-K5680
K6525-K6685
K8815-K8965
K11275-K11400
K13260-K13360
K17900-K17970
M74.6-M75.4
M125.725-M137 (use of M136.025 at 10watts or less power is authorized)
M225-M380 (use of M228, M238, M248, M258, M268, M277.900, M288, M298, M308, M318, M328.100, M338, M348, M358, M368, M378 is authorized)

- (11) The stop buzzer person is Ron Beardsley phone 315-456-2913, cell 315-427-4438 or Martina Reale phone 315-456-4501, cell 315-317-9327. One must be present during testing in order to shut down the testing if interference is reported.