

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

EXPERIMENTAL
(Nature of Service)

XC FX
(Class of Station)

WP2XAL
(Call Sign)

0561-EX-CR-2026
(File Number)

NAME Lockheed Martin 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(c) of the Commission's Rules

- Station Locations
- (1) Syracuse (ONONDAGA), NY - NL 43-06-43; WL 76-11-18
 - (2) Manlius (ONONDAGA), NY - NL 42-55-37; WL 75-55-27

Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5300-5895 MHz	FX	1M00D1D 1M00N0N 2M50D1D 5M00D1D 10M0D1D 50M0D1D 2M50N0N 5M00N0N 10M0N0N 50M0N0N	640 kW (ERP)	
5925-6900 MHz	FX	1M00D1D	640 kW (ERP)	

This authorization effective September 01, 2026 and
will expire 3:00 A.M. ET September 01, 2028

FEDERAL
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Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6900 MHz	FX	1M00N0N 2M50D1D 5M00D1D 10M0D1D 50M0D1D 2M50N0N 5M00N0N 10M0N0N 50M0N0N	640 kW (ERP)	
6100 MHz	FX	800MD1D 800MN0N	640 kW (ERP)	

Manlius (ONONDAGA), NY - NL 42-55-37; WL 75-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5300-5895 MHz	FX	50M0N0N 10M0N0N 5M00N0N 2M50N0N 50M0D1D 10M0D1D 5M00D1D 2M50D1D 1M00N0N 1M00D1D	640 kW (ERP)	
5925-6900 MHz	FX	1M00D1D 1M00N0N	640 kW (ERP)	

Frequency Information

Manlius (ONONDAGA), NY - NL 42-55-37; WL 75-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-6900 MHz	FX	2M50D1D 5M00D1D 10M0D1D 50M0D1D 2M50N0N 5M00N0N 10M0N0N 50M0N0N	640 kW (ERP)	
6100 MHz	FX	800MD1D 800MN0N	640 kW (ERP)	

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) 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.
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (5) Coordinate with the Fixed Microwave Service licensees in the proposed venues in accordance with 47 C.F.R., Part 101.103(d) prior to operation in the frequencies from 5925 MHz to 6900 MHz.
- (6) Operation is not permitted on 5895-5925 MHz band.
- (7) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number FA8210-18-R-5002. 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.