

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL9XSB

(Call Sign)

1068-EX-ST-2017

(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:

The program wishes to test a very low power demonstration system in the UHF band. The testing will consist of isolated bursts of no longer than several minutes, using a tower demonstration radar

Station Locations

(1) Goodyear (MARICOPA), AZ - NL 33-26-04; WL 112-21-31

Frequency Information

Goodyear (MARICOPA), AZ - NL 33-26-04; WL 112-21-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
235-328.6 MHz	FX	93M0V3D	202 mW (ERP)	
335.4-406 MHz	FX	70M0V3D	202 mW (ERP)	
406.1-445 MHz	FX	38M0V3D	202 mW (ERP)	

This authorization effective August 31, 2017 and
will expire 3:00 A.M. EST November 22, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) 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.
- (3) Two business days prior to testing (Mon thru Fri) notification of testing will be provided to DoD AFC AZ (520 538-6423) or mark.k.rossow.civ@mail.mil which will include the beginning and ending test date and acknowledgement that the testing is being performed on a non-interference basis.
- (4) Lockheed Martin Corporation must notch out 328.6 - 335.4 MHz to protect safety of flight operations.
- (5) Lockheed Martin Corporation must notch out 243 MHz +/- 3 KHz, and the 406 - 406.1 MHz band +/- 3 KHz.
- (6) Lockheed Martin Corporation must notch out all of the following frequencies +/- 12.5 KHz:

233.7000 MHz	235.7750 MHz	239.0000 MHz	239.3000 MHz
243.0000 MHz	251.0500 MHz	251.1250 MHz	254.3000 MHz
255.4000 MHz	256.9000 MHz	257.6500 MHz	263.1250 MHz
269.2000 MHz	269.6000 MHz	269.9000 MHz	270.2750 MHz
273.4750 MHz	275.8000 MHz	278.8000 MHz	281.4500 MHz
282.2500 MHz	288.3000 MHz	289.4000 MHz	291.1000 MHz
306.9500 MHz	307.3000 MHz	319.2500 MHz	323.1500 MHz
335.8000 MHz	349.0000 MHz	350.2000 MHz	353.8000 MHz
353.9000 MHz	360.8250 MHz	363.0000 MHz	363.1250 MHz
379.2250 MHz	379.9000 MHz	406.6625 MHz	407.3125 MHz
408.4375 MHz	408.4750 MHz	409.0000 MHz	409.5250 MHz
410.3000 MHz	411.6500 MHz	411.6750 MHz	413.1125 MHz
413.6000 MHz	413.6375 MHz	413.8375 MHz	413.9250 MHz
414.6625 MHz	414.9875 MHz	415.6625 MHz	416.3125 MHz
417.4375 MHz	417.4750 MHz	418.5250 MHz	
- (7) Lockheed Martin Corporation should be aware that depending upon the future system deployment, any further development of this radio equipment will require frequency de-confliction in the 225-445 MHz range, including DOD UHF channels used for Air Traffic. Lockheed Martin Corporation should have no expectations of automatic approval in this band in future submissions.