

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WA8XME

(Call Sign)

1429-EX-ST-2026

(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:

Applicant is developing a wideband active electronically scanned array (AESA) supporting two simultaneous beams, under contract to USSTRATCOM.

Station Locations

(1) Orlando (ORANGE), FL - NL 28-22-38; WL 81-04-56

Frequency Information

Orlando (ORANGE), FL - NL 28-22-38; WL 81-04-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14250 MHz	FX	512KG1W 1M25G1W 2M00G1W	98.9 kW (ERP)	6.0E-6 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective September 10, 2026 and
will expire 3:00 A.M. ET February 16, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Lockheed Martin Corporation should be aware that all future requests that overlap the 14-14.2 GHz frequency band are subject to restrictions if proposing to operate within the following distances of the coordinates specified in 47 CFR 25.228(j)(1): (i) 125 km for fixed earth stations, (ii) 125 km for maritime or land earth stations in motion (ESIMs), and (iii) radio line-of-sight for airborne ESIMs. This coordination ensures that there is no harmful interference risk to NASA's Tracking and Data Relay Satellite System (TDRSS) earth stations.
- (3) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (4) POINT OF COMMUNICATIONS: SES-2 (S2826) and Galaxy 16 (S2687).