

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

EXPERIMENTAL

(Nature of Service)

WM9XQF

(Call Sign)

XT FX MO

(Class of Station)

0700-EX-ST-2018

(File Number)

NAME L3 Technologies

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 purpose of this operation is proof of concept testing for the MPU5 for air-to-ground links in the S-Band.

Station Locations

- (1) Morehead City (CARTERET), NC - NL 34-43-45; WL 76-53-28
- (2) MOBILE: Morehead City, NC. 50 km radius from fixed basestation 10.5 kft MSL, within 50 km, centered around NL 34-43-45; WL 76-53-28

Frequency Information

Morehead City (CARTERET), NC - NL 34-43-45; WL 76-53-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2380 MHz	FX	20M0W2W	6 W (ERP)	0.00151 %

This authorization effective April 23, 2018 and
will expire 3:00 A.M. EST May 18, 2018

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COMMISSION**



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Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Mid-Atlantic Area Frequency Coordinator (AFC), Patuxent River, MD, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC as necessary to ensure compatibility with existing uses.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The stop buzzer point of contact is Kara Curtis at (903) 457-3544.
- (5) L3 Technologies must provide valid STOP BUZZER point of contact who is available at all times to receive STOP BUZZER command. POC name/number must be provided to AFTRCC Telemetry Coordinator via phone call or text message prior to operations. Invalid POC or failure to provide same will result in immediate cancellation of coordination.