

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

EXPERIMENTAL

(Nature of Service)

WM9XZU

(Call Sign)

XT MO

(Class of Station)

1190-EX-ST-2018

(File Number)

NAME MDA Information Systems LLC

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:

Support IRAD development of an experimental radar and collection methods. Radar will be operated at ground level only to determine if experimental navigation techniques, radar data, and

Station Locations

(1) MOBILE: Ypsilanti, MI, within 0.76 km, centered around NL 42-14-23; WL 83-33-02

Frequency Information

MOBILE: Ypsilanti, MI, within 0.76 km, centered around NL 42-14-23; WL 83-33-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10-10.68 GHz	MO	680MN0N	200 W (ERP)	
10.7-14 GHz	MO	3G30N0N	200 W (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.

This authorization effective August 01, 2018 and
will expire 3:00 A.M. EST February 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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) The licensee must coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR. Part 101.103 (d) prior operation in the requested frequency band.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) MDA Information Systems LLC must exclude the 10.68 – 10.7 GHz frequency band from operations in order to protect NASA passive sensors in accordance with Footnote US246.
- (6) 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.