

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

EXPERIMENTAL

(Nature of Service)

WN9XHL

(Call Sign)

XT MO

(Class of Station)

1130-EX-ST-2018

(File Number)

NAME AeroVironment, Inc.

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 primary frequency band supporting US DoD has been the 1780-1850 MHz segment. The purpose of the experiments is to determine and examine interference between transmissions in

Station Locations

- (1) MOBILE: Washington, VA, within 3.3 km, centered around NL 38-42-35; WL 78-07-53
- (2) MOBILE: Washington, VA: Airborne, max altitude 500 ft. AGL, within 3.3 km, centered around NL 38-42-35; WL 78-07-53

Frequency Information

MOBILE: Washington, VA, within 3.3 km, centered around NL 38-42-35; WL 78-07-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2085.5-2097.5 MHz	MO	4M68G7W	2 W (ERP)	0.00012 %
2097.5-2109.5 MHz	MO	4M68G7W 4M68G7W 4M68G7W	2 W (ERP)	0.00012 %

This authorization effective July 16, 2018 and
will expire 3:00 A.M. EST January 11, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Washington, VA: Airborne, max altitude 500 ft. AGL, within 3.3 km, centered around NL 38-42-35; WL 78-07-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2085.5-2097.5 MHz	MO	1M56G7W	2 W (ERP)	0.00012 %
2097.5-2109.5 MHz	MO	1M56G7W	2 W (ERP)	0.00012 %

Special Conditions:

- (1) Applicant should be aware that the band 2085.5-2109.5 MHz is allocated for several federal services, and it should have no expectations of automatic approval in this band in future submissions.