

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

EXPERIMENTAL

(Nature of Service)

WK9XNV

(Call Sign)

XT MO

(Class of Station)

1593-EX-ST-2016

(File Number)

NAME MITRE

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:

To use a prototype radar system to evaluate the radar cross section of certain objects moving in certain ways in the field.

Station Locations

- (1) MOBILE: Topsfield, MA, within 20 km, centered around NL 42-39-34; WL 70-57-39
- (2) MOBILE: Bedford, MA, within 10 km, centered around NL 42-30-17; WL 71-14-15

Frequency Information

MOBILE: Topsfield, MA, within 20 km, centered around NL 42-39-34; WL 70-57-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9900-10100 MHz	MO	200MQ1N	1995 W (ERP)	1.0E-6 %

This authorization effective December 01, 2016 and
will expire 3:00 A.M. EST May 31, 2017

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COMMISSION**



Frequency Information

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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) 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) For transmissions at Bedford, MA, MITRE must stay North of 42-30-17N ; 071-14-15W (Hanscom, AFB) so as not to interfere with DoD operations.