

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

EXPERIMENTAL

(Nature of Service)

WM9XHC

(Call Sign)

XT MO

(Class of Station)

0900-EX-ST-2018

(File Number)

NAME University of Dayton Research Institute

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 the new technology is to provide for a tracking system using a transmitter, a frequency shifted transponder (beacon) that reflects back the transmitted signal, and a

Station Locations

- (1) MOBILE: 300 College Park, Dayton, OH 45469, within 4.82 km, centered around NL 39-44-25; WL 84-10-44
- (2) MOBILE: 3603 Hamilton Middletown Rd Hamilton OH 45011, within 4 km, centered around NL 39-24-31; WL 84-29-32
- (3) MOBILE: 10 km radius around Loveland Symmes Fire Dept, within 10 km, centered around NL 39-16-12; WL 84-17-05
- (4) MOBILE: 4 km rad around 7200 Poe Ave Dayton OH 45414, within 4 km, centered around NL 39-51-06; WL 84-11-18
- (5) MOBILE: 4 km rad around 4547 Frontenac Dayton OH, within 4 km, centered around NL 39-41-20; WL 84-05-47

Frequency Information

MOBILE: 300 College Park, Dayton, OH 45469, within 4.82 km, centered around NL 39-44-25; WL 84-10-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449.99 MHz	MO	10M0F3N	1 W (ERP)	1 %

This authorization effective June 16, 2018 and
will expire 3:00 A.M. EST December 16, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: 3603 Hamilton Middletown Rd Hamilton OH 45011, within 4 km, centered around NL 39-24-31; WL 84-29-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449.99 MHz	MO	10M0F3N	1 W (ERP)	1 %

MOBILE: 10 km radius around Loveland Symmes Fire Dept, within 10 km, centered around NL 39-16-12; WL 84-17-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449.99 MHz	MO	10M0F3N	1 W (ERP)	1 %

MOBILE: 4 km rad around 7200 Poe Ave Dayton OH 45414, within 4 km, centered around NL 39-51-06; WL 84-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449 MHz	MO	10M0F3N	1 W (ERP)	1 %

MOBILE: 4 km rad around 4547 Frontenac Dayton OH, within 4 km, centered around NL 39-41-20; WL 84-05-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-449.9 MHz	MO	10M0F3N	1 W (ERP)	1 %