

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

EXPERIMENTAL

(Nature of Service)

WN9XDP

(Call Sign)

XT MO

(Class of Station)

1204-EX-ST-2018

(File Number)

NAME Equinox Innovative Systems

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:

Proof-of-concept and research and development stage for temporary communications towers for wireless systems.

Station Locations

- (1) MOBILE: 613 Yorktown Manor Ct., Annapolis, MD, within 5 km, centered around NL 39-01-24; WL 76-25-21
- (2) MOBILE: 121 Blake Road, Annapolis, MD, within 5 km, centered around NL 38-58-53; WL 76-29-10
- (3) MOBILE: 25135 Vista Road, Hollywood, MD, within 5 km, centered around NL 38-22-38; WL 76-41-57
- (4) MOBILE: 7940 Airpark Drive, Gaithersburg, MD, within 5 km, centered around NL 39-10-02; WL 76-42-00
- (5) MOBILE: 24955 Garden Point Lane, Hollywood, MD, within 5 km, centered around NL 38-21-11; WL 76-31-15
- (6) MOBILE: 7515 General Aviation Drive, Fort Meade, MD, within 5 km, centered around NL 39-05-16; WL 76-47-59
- (7) MOBILE: 3094 Solomons Island Road, Edgewater, MD, within 5 km, centered around NL 38-56-23; WL 76-35-59
- (8) MOBILE: 14000 Jericho Park Road, Bowie, MD, within 5 km, centered around NL 39-01-00; WL 76-47-59
- (9) MOBILE: 1759 Governor Bridge Road, Davidsonville, MD, within 5 km, centered around NL 38-57-07; WL 76-41-16
- (10) MOBILE: 9500 Croom Road, Upper Marlboro, MD, within 5 km, centered around NL 38-45-32; WL 76-47-59

This authorization effective September 10, 2018 and
will expire 3:00 A.M. EST February 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Station Locations

- (11) MOBILE: 40 New Sudbury Street, Boston, MA, within 5 km, centered around NL 42-21-40; WL 71-03-25
- (12) MOBILE: 44181 Airport Road, California, MD, within 5 km, centered around NL 38-31-32; WL 76-55-18
- (13) MOBILE: Calle Lindbergh #64, San Juan, PR, within 5 km, centered around NL 18-27-23; WL 66-06-08

Frequency Information

MOBILE: 613 Yorktown Manor Ct., Annapolis, MD, within 5 km, centered around NL 39-01-24; WL 76-25-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 121 Blake Road, Annapolis, MD, within 5 km, centered around NL 38-58-53; WL 76-29-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 25135 Vista Road, Hollywood, MD, within 5 km, centered around NL 38-22-38; WL 76-41-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	

Frequency Information

MOBILE: 25135 Vista Road, Hollywood, MD, within 5 km, centered around NL 38-22-38; WL 76-41-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 7940 Airpark Drive, Gaithersburg, MD, within 5 km, centered around NL 39-10-02; WL 76-42-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 24955 Garden Point Lane, Hollywood, MD, within 5 km, centered around NL 38-21-11; WL 76-31-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 7515 General Aviation Drive, Fort Meade, MD, within 5 km, centered around NL 39-05-16; WL 76-47-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	

Frequency Information

MOBILE: 7515 General Aviation Drive, Fort Meade, MD, within 5 km, centered around NL 39-05-16; WL 76-47-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 3094 Solomons Island Road, Edgewater, MD, within 5 km, centered around NL 38-56-23; WL 76-35-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 14000 Jericho Park Road, Bowie, MD, within 5 km, centered around NL 39-01-00; WL 76-47-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 1759 Governor Bridge Road, Davidsonville, MD, within 5 km, centered around NL 38-57-07; WL 76-41-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	

Frequency Information

MOBILE: 1759 Governor Bridge Road, Davidsonville, MD, within 5 km, centered around NL 38-57-07; WL 76-41-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 9500 Croom Road, Upper Marlboro, MD, within 5 km, centered around NL 38-45-32; WL 76-47-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 40 New Sudbury Street, Boston, MA, within 5 km, centered around NL 42-21-40; WL 71-03-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: 44181 Airport Road, California, MD, within 5 km, centered around NL 38-31-32; WL 76-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	

Frequency Information

MOBILE: 44181 Airport Road, California, MD, within 5 km, centered around NL 38-31-32; WL 76-55-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	MO	25M0G7W	12 W (ERP)	

MOBILE: Calle Lindbergh #64, San Juan, PR, within 5 km, centered around NL 18-27-23; WL 66-06-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
729-756 MHz	MO	25M0G7W	12 W (ERP)	
869-894 MHz	MO	25M0G7W	12 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.
- (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 station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Prior to commencing any operations, Equinox Innovative Systems must obtain consent from the following within 50 miles of the contours of the testing area:
 - 700 MHz licensees (698-758 MHz and 775-788 MHz)
 - Cellular licensees (824-849 MHz/869-894 MHz)