

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

EXPERIMENTAL

(Nature of Service)

WR9XAB

(Call Sign)

XT FX MO

(Class of Station)

0254-EX-ST-2021

(File Number)

NAME HNS License Sub, 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:

The purpose of the STA operations is to test Tarana broadband wireless equipment in the 3300-3550 MHz and 3700-3800 MHz bands to evaluate propagation and capacity performance.

Station Locations

- (1) MOBILE: Germantown, MD, within 15 km, centered around NL 39-10-44; WL 77-14-53
- (2) Germantown (MONTGOMERY), MD - NL 39-10-44; WL 77-14-53
- (3) Gaithersburg (MONTGOMERY), MD - NL 39-09-07; WL 77-12-31
- (4) MOBILE: Gaithersburg, MD, within 15 km, centered around NL 39-09-07; WL 77-12-31

Frequency Information

MOBILE: Germantown, MD, within 15 km, centered around NL 39-10-44; WL 77-14-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3550 MHz	MO	40M0D7D	27 W (ERP)	
3700-3800 MHz	MO	40M0D7D	27 W (ERP)	

This authorization effective April 12, 2021 and
will expire 3:00 A.M. EST September 28, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Germantown (MONTGOMERY), MD - NL 39-10-44; WL 77-14-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3550 MHz	FX	40M0D7D 80M0D7D	190.5 W (ERP)	
3700-3800 MHz	FX	40M0D7D 80M0D7D	190.5 W (ERP)	

Gaithersburg (MONTGOMERY), MD - NL 39-09-07; WL 77-12-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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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) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (4) With respect to operations in 3700-3800 MHz band, the applicant should be made aware that they must avoid causing interference to existing Fixed Service operators and FSS earth stations in the band. For applicant's reference, a list of registered incumbent FSS earth stations in the band can be found at the following link:
<https://docs.fcc.gov/public/attachments/DA-20-823A2.xls>