

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

EXPERIMENTAL

(Nature of Service)

WN9XBH

(Call Sign)

XT      FX MO

(Class of Station)

1076-EX-ST-2018

(File Number)

NAME O3b Limited

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:**

O3b is requesting special temporary authority to conduct on-the-ground tests of the GetSat Microsat for fixed and short range mobile operations at its testing facility in Manassas, VA.

**Station Locations**

- (1) Manassas, VA - NL 38-47-00; WL 77-34-19; MOBILE: Within a 1 mile radius of the coordinates, within 1.6 km, centered around NL 38-47-00; WL 77-34-19

**Frequency Information**

Manassas, VA - NL 38-47-00; WL 77-34-19; MOBILE: Within a 1 mile radius of the coordinates, within 1.6 km, centered around

| Frequency   | Station Class | Emission Designator | Authorized Power     | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|----------------------|---------------------------|
| 27.5-30 GHz | MO            |                     | 22138905.78 mW (ERP) | 0.0003 %                  |
|             |               | 50M0G7D             |                      |                           |
|             |               | 6M00G7D             |                      |                           |

**Special Conditions:**

- (1) Licensee shall prior coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).
- (2) Communication between the authorized stations and O3b satellite using the 27.5-30 GHz frequency band must be in compliance with all existing and future space station coordination agreements between the O3b and other satellite operators.

This authorization effective August 17, 2018 and  
will expire 3:00 A.M. EST February 17, 2019

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COMMUNICATIONS  
COMMISSION**



Special Conditions:

- (3) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.