

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

EXPERIMENTAL

(Nature of Service)

WR9XKJ

(Call Sign)

XT FX MO

(Class of Station)

1880-EX-ST-2020

(File Number)

NAME Casa Systems, Inc.

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:

Our intent is to perform ongoing 5G n77, O-RAN HW and SW development testing and demonstrations while testing in a controlled live environment.

Station Locations

- (1) Andover (ESSEX), MA - NL 42-41-31; WL 71-12-12; MOBILE: , within 1 km, centered around NL 42-41-31; WL 71-12-12
- (2) Andover (ESSEX), MA - NL 42-41-31; WL 71-12-12; MOBILE: , within 1 km, centered around NL 42-41-31; WL 71-12-12
- (3) Andover (ESSEX), MA - NL 42-41-31; WL 71-12-12; MOBILE: , within 1 km, centered around NL 42-41-31; WL 71-12-12
- (4) Andover (ESSEX), MA - NL 42-41-31; WL 71-12-12; MOBILE: , within 1 km, centered around NL 42-41-31; WL 71-12-12
- (5) Andover (ESSEX), MA - NL 42-41-31; WL 71-12-12; MOBILE: , within 1 km, centered around NL 42-41-31; WL 71-12-12

Frequency Information

Andover (ESSEX), MA - NL 42-41-31; WL 71-12-12; MOBILE: , within 1 km, centered around NL 42-41-31; WL 71-12-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-3800 MHz	FX	100MW8W	2.5 W (ERP)	2.0E-6 %

This authorization effective February 04, 2021 and
will expire 3:00 A.M. EST July 09, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



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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) The Stop Buzzer contact is: Michael Anderson, Compliance Manager, michael.anderson@casa-systems.com, 978-688-6706.

Special Conditions:

- (4) Casa Systems, Inc. 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>
- (5) Licensee shall be aware that FSS earth stations are licensed above 3700 MHz and if any interference occurs, the experimental licensee of this authorization will be subject to immediate shut down.
- (6) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (7) Casa Systems, Inc. shall coordinate with Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) in the proposed areas prior to operation in frequency range from 3700 MHz to 3800 MHz.