

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XAC

(Call Sign)

0676-EX-ST-2021

(File Number)

NAME XCVR Corp.

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:

XCVR will test a moon-bounce communication channel to evaluate the feasibility of using the moon-bounce communication as a secure and reliable means of wireless communication.

Station Locations

(1) Rowlesburg (PRESTON), WV - NL 39-16-50; WL 79-44-13

Frequency Information

Rowlesburg (PRESTON), WV - NL 39-16-50; WL 79-44-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.8-5.85 GHz	FX	2M00D7D	113.33 kW (ERP)	
5.925-6.2 GHz	FX	2M00D7D	113.33 kW (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.

This authorization effective June 25, 2021 and
will expire 3:00 A.M. EST November 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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) XCVR Corp. must notch out the band 5850-5925 MHz from operations. The band 5850-5925 MHz is for unlicensed operations and vital intelligent transportation system (ITS) operations.
- (4) Licensee must successfully coordinate with Fixed Microwave Service licensees in the proposed area in accordance with 47 C.F.R, Part 101.103(d) prior to commencing experimental operations
- (5) Licensee is authorized to conduct tests on a 32 meters earth station for transmitting a moon-bounce communication channel in the 5.800-5.850 GHz and 5.925-6.200 GHz range towards the surface of the Moon.
- (6) Point of communication: Moon