

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

EXPERIMENTAL

(Nature of Service)

WR9XGV

(Call Sign)

XT FX MO

(Class of Station)

1736-EX-ST-2020

(File Number)

NAME Electric Power Research Institute

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 testing is to determine if RLAN devices can produce harmful interference to an incumbent licensed

Station Locations

- (1) Peoria, IL - NL 40-41-26; WL 89-35-31; MOBILE: 2km radius front hemisphere of station WQOW683, within 2 km, centered around NL 40-41-26; WL 89-35-31

Frequency Information

Peoria, IL - NL 40-41-26; WL 89-35-31; MOBILE: 2km radius front hemisphere of station WQOW683, within 2 km, centered at

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.925-6.425 GHz	FX	20M0GXW	4 W (ERP)	0.002 %
		40M0GXW		
		80M0GXW		
		20M0GXW		
		40M0GXW		
		80M0GXW		
		80M0GXW		

This authorization effective December 01, 2020 and
will expire 3:00 A.M. EST June 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



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5.925-6.425 GHz	MO		4 W (ERP)	0.002 %
		20M0GXW		
		40M0GXW		
		80M0GXW		
		20M0GXW		
		40M0GXW		
		80M0GXW		

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Electric Power Research Institute shall coordinate with the local Society of Broadcast Engineers frequency coordinator and the Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) prior to operation in 5.925-6.425 GHz band.
- (4) Prior to commencing any operations in the 5925-6425 MHz frequency band, experimental licensee must notify licensee of Intelsat License LLC (Ms. Susan H Crandall, Phone Number: 703-559-7848, E-Mail: susan.crandall@intelsat.com) and SES Americom, Inc.(Ms. Petra A Vorwig, Phone Number: 202-478-7143, E-Mail: petra.vorwig@ses.com). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test.
- (5) The stop buzzer: Tim Godfrey
Phone: 6508558584
Email: tgodfrey@epri.com