

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

EXPERIMENTAL

(Nature of Service)

WQ9XQG

(Call Sign)

XT FX

(Class of Station)

0893-EX-ST-2020

(File Number)

NAME Liteye 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:

Liteye Systems is currently developing a new Radar Management System for existing radar products, training on operation and repair of systems, and evaluating next generation Ku band

Station Locations

(1) Briggsdale (WELD), CO - NL 40-35-44; WL 104-23-37

Frequency Information

Briggsdale (WELD), CO - NL 40-35-44; WL 104-23-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.7-17.2 GHz	FX	26M0Q3N	562 W (ERP)	

Special Conditions:

- (1) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number:
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective July 14, 2020 and
will expire 3:00 A.M. EST January 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) The Communications Act of 1934 Section 333 - prohibits willful or malicious interference (jamming and electronic attacks) with the radio communications of any station licensed or authorized under the Act or operated by the U.S. Government.
- (6) The designated point-of-contacts to terminate transmissions if interference occurs are: Tom Scott at (303) 324-0689, and Roy Crosthwaite at (303) 437-6125.
- (7) Liteye Systems Inc. must sector blank transmissions in the direction of Denver International Airport (190 to 200 degrees reference true North). Concurrence is for a one-time test at this particular location.
- (8) This concurrence is not a guarantee that the FAA can support this development/testing in the future or at other locations in the 15.7 to 16.2 GHz band. Liteye Systems Inc. should be aware that 15.7 to 16.2 GHz is used by Automated Surface Detection (ASD) systems in airports.
- (9) The FAA does not concur with the radar mounted on a moving vehicle.