

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

EXPERIMENTAL

(Nature of Service)

WI9XNC

(Call Sign)

XT MO

(Class of Station)

1442-EX-ST-2016

(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:

The purpose of testing is the Liteye ADIS (Anti-UAS Detection and Identification System) on and around an active commercial airport facility.

Station Locations

- (1) MOBILE: Denver, CO. System will Be operating on Airport property, within 6 km, centered around NL 39-51-22; WL 104-40-25

Frequency Information

MOBILE: Denver, CO. System will Be operating on Airport property, within 6 km, centered around NL 39-51-22; WL 104-40-25

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.253-17.2 GHz	MO	26M0Q3N 30M0Q3N	3396 W (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.
- (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.

This authorization effective November 01, 2016 and
will expire 3:00 A.M. EST December 01, 2016

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Special Conditions:

- (3) Since 16.2-17.2 GHz is a military band and the system is not properly allocated, the proponent must be aware that for further development and deployment, a new frequency band must be utilized for commercial distribution.
- (4) Due to a modulation deviation of 30.232 MHz (which is value normally in the kHz range), and the presence of two FAA adjacent band radars at Denver Airport, the lower frequency limit must be changed from 16.21 GHz to 16.253 GHz.