

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

EXPERIMENTAL

(Nature of Service)

WI9XBQ

(Call Sign)

XT MO

(Class of Station)

0439-EX-ST-2015

(File Number)

NAME TCOM, LP

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:

To allow radiation from the radar for use in demonstrations to potential US Government Agencies.

Station Locations

- (1) MOBILE: TCOM MFTF Launch Pad, Elizabeth City, NC, within 2 km, centered around NL 36-13-50; WL 76-07-50

Frequency Information

MOBILE: TCOM MFTF Launch Pad, Elizabeth City, NC, within 2 km, centered around NL 36-13-50; WL 76-07-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9370-9990 MHz	MO	1M00P0N	10 W (ERP)	

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) The altitude must not exceed the 3000 meter limit of the launch facility.

This authorization effective July 04, 2015 and
will expire 3:00 A.M. EST January 04, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The FAA will not concur with any future testing or development if these conditions are not satisfied.

- (5) Use of IFF is prohibited for this radio system (JLENS Spiril 1 prototype) and this STA until a full system evaluation is performed via NTIA/SPS review. Any development of IFF with this system by the customer must be reviewed and certified before purchase and Stage 3 certification.