

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WE9XXG

(Call Sign)

0282-EX-ST-2011

(File Number)

NAME LightSquared Subsidiary LLC

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 test and determine the effects of L-band LTE signals on GPS devices in a live field test environment.

Station Locations

- (1) Las Vegas, NV - NL 36-07-28; WL 115-13-28
- (2) Las Vegas, NV - NL 36-07-37; WL 115-11-20
- (3) Las Vegas, NV - NL 36-06-23; WL 115-10-14
- (4) Las Vegas, NV - NL 35-58-11; WL 114-52-05

Frequency Information

Las Vegas, NV - NL 36-07-28; WL 115-13-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1526.3-1531.3 MHz	FX	5M00W7W	1000 W (ERP)	
1550.2-1555.2 MHz	FX	5M00W7W	1000 W (ERP)	

This authorization effective May 16, 2011 and
will expire 3:00 A.M. EST May 28, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Las Vegas, NV - NL 36-07-37; WL 115-11-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1526.3-1531.3 MHz	FX	5M00W7W	1000 W (ERP)	
1550.2-1555.2 MHz	FX	5M00W7W	1000 W (ERP)	

Las Vegas, NV - NL 36-06-23; WL 115-10-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1526.3-1531.3 MHz	FX	5M00W7W	1000 W (ERP)	
1550.2-1555.2 MHz	FX	5M00W7W	1000 W (ERP)	

Las Vegas, NV - NL 35-58-11; WL 114-52-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1526.3-1531.3 MHz	FX	5M00W7W	1000 W (ERP)	
1550.2-1555.2 MHz	FX	5M00W7W	1000 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.

Special Conditions:

- (3) The designated point-of-contact(s) to terminate transmissions if interference occurs are:
- 1: Wayne Olson (primary) – 571-335-3559
 - 2: Anthony Aird – 469-358-6159
 - 3: Jason Allen – 571-425-7588
 - 4: Neal Rollins – 703-593-0501
- (4) USCG NAVCEN has request a specific NAVCEN POC by email to be advised of exact time of testing as specified in Exhibit B. The NAVCEN POC is Barry.K.Boyd@uscg.mil , TIS-PF-NISWS@USCG.MIL NAVCEN desires at least 72 notification prior to beginning of testing date.
- (5) Air Force requests coordination of testing through DoD AFC Nellis. POC at Nellis is Mr. Dennis Pack, DSN 682-3393, email dennis.pack@nellis.af.mil
- (6) The user must adhere to the conditions of the NOTAM (Test LSQ-LAS and LSQ-BVU), including the time and date of testing and stop buzzer POC.