

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WE9XVN

(Call Sign)

0236-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) Reston, VA - NL 38-56-43; WL 77-18-58
- (2) Baltimore, MD - NL 39-17-41; WL 76-37-18
- (3) Baltimore, MD - NL 39-17-08; WL 76-35-35
- (4) Baltimore, MD - NL 39-15-36; WL 76-59-04
- (5) Holloman AFB, NM - NL 32-51-57; WL 106-07-35

Frequency Information

Holloman AFB, NM - NL 32-51-57; WL 106-07-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1526-1536 MHz	FX	10M0W7W	1000 W (ERP)	
1526.3-1531.3 MHz	FX	5M00W7W	1000 W (ERP)	

This authorization effective April 14, 2011 and
will expire 3:00 A.M. EST April 24, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Holloman AFB, NM - NL 32-51-57; WL 106-07-35

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1545.2-1555.2 MHz	FX	10M0W7W	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.
- (3) This authorization is limited to Holloman AFB, NM location for the period of: 4/14//2011 to 4/24/2011, within hours of 8:00 PM to 6:00 AM. Operations beyond April 24 must be prior coordinated with the FAA for additional NOTAMs. The times will be limited to each evening, lasting from 8:00 PM local time each night until 6:00 AM local time the following morning.
- (4) In accordance with the FCC CFR 47, Part 5.69, the referenced application is partially granted
- (5) No operation is permitted on April 18.
- (6) This license SUPERSEDES the previously issued license with the same call sign and file number: no operation on April 18.