

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

EXPERIMENTAL

(Nature of Service)

WF9XQW

(Call Sign)

XD FX MO

(Class of Station)

0373-EX-ST-2012

(File Number)

NAME T-Mobile License 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 determine suitability for commercial mobile broadband services, in particular the effect of existing Federal government operations on the use of this spectrum for mobile LTE service.

Station Locations

(1) Continental US only, CU; MOBILE: Continental US only

**Frequency Information**

Continental US only, CU; MOBILE: Continental US only

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1755-1780 MHz | MO            |                     | 0.32 W (ERP)     |                           |
|               |               | 4M47G7D             |                  |                           |
|               |               | 4M47W7D             |                  |                           |
|               |               | 8M95G7D             |                  |                           |
|               |               | 8M95W7D             |                  |                           |
|               |               | 18M0G7D             |                  |                           |
| 18M0W7D       |               |                     |                  |                           |
| 2155-2180 MHz | FX            |                     | 6355 W (ERP)     |                           |
|               |               | 4M47G7D             |                  |                           |
|               |               | 4M47W7D             |                  |                           |

This authorization effective August 13, 2012 and will expire 3:00 A.M. EST December 01, 2012

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

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| 2155-2180 MHz | FX            | 8M95G7D             | 6355 W (ERP)     |                           |
|               |               | 8M95W7D             |                  |                           |
|               |               | 18M0G7D             |                  |                           |
|               |               | 18M0W7D             |                  |                           |

### 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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Licensee should get consent from existing and future Advance Wireless Services licensees prior to operation in the proposed frequency bands.
- (5) Any additional location(s) apart from the Seattle, WA location will have to be coordinated with NTIA Point-of- Contact: Mr. Tom Woods at (202) 482-2802.
- (6) T-Mobile will coordinate all specific locations prior to use; therefore, prior to any operation the licensee shall coordinate, through NTIA, with any potentially impacted authorized users and obtain approval from those users. Coordination shall include the area and time of operation as well as necessary technical parameters. T-Mobile operations shall be limited to whatever is agreed in the case-by-case coordination. Licensee shall discontinue any operations in the event an authorized user notifies the licensee of harmful interfere and shall not commence until further approval is received. For each location approved, T-Mobile will provide a Stop buzzer phone number for specific locations when coordinating the location with NTIA.