

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

EXPERIMENTAL

(Nature of Service)

WJ9XCP

(Call Sign)

XT FX MO

(Class of Station)

1115-EX-ST-2015

(File Number)

NAME Qualcomm Technologies, 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:
To test LTE-U/Wi-Fi technology.

Station Locations

- (1) Oklahoma City, OK - NL 35-32-10; WL 97-35-09; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, centered around NL 35-32-10; WL 97-35-09
- (2) Oklahoma City, OK - NL 35-28-03; WL 97-30-39; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, centered around NL 35-28-03; WL 97-30-39
- (3) Cary (WAKE), NC - NL 35-49-58; WL 78-47-26; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, centered around NL 35-49-58; WL 78-47-26
- (4) Raleigh (WAKE), NC - NL 35-52-13; WL 78-37-21; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, centered around NL 35-52-13; WL 78-37-21

Frequency Information

Oklahoma City, OK - NL 35-32-10; WL 97-35-09; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, cente

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1910 MHz	MO	10M0F7D	0.3 W (ERP)	

This authorization effective January 29, 2016 and will expire 3:00 A.M. EST June 30, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Oklahoma City, OK - NL 35-32-10; WL 97-35-09; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, cente

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1930-1990 MHz	FX	10M0F7D	12.1 W (ERP)	
5150-5250 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	
5150-5250 MHz	FX	20M0F7D 40M0F7D 20M0F7D	2.4 W (ERP)	
5725-5850 MHz	FX	20M0F7D 20M0F7D 40M0F7D	2.4 W (ERP)	
5725-5850 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	

Oklahoma City, OK - NL 35-28-03; WL 97-30-39; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, cente

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1910 MHz	MO	10M0F7D	0.3 W (ERP)	
1930-1990 MHz	FX	10M0F7D	12.1 W (ERP)	

Frequency Information

Oklahoma City, OK - NL 35-28-03; WL 97-30-39; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	FX	20M0F7D	2.4 W (ERP)	
		40M0F7D		
		20M0F7D		
5150-5250 MHz	MO	20M0F7D	0.3 W (ERP)	
		40M0F7D		
5725-5850 MHz	FX	20M0F7D	2.4 W (ERP)	
		20M0F7D		
		40M0F7D		
5725-5850 MHz	MO	20M0F7D	0.3 W (ERP)	
		40M0F7D		

Cary (WAKE), NC - NL 35-49-58; WL 78-47-26; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1910 MHz	MO	10M0F7D	0.3 W (ERP)	
1930-1990 MHz	FX	10M0F7D	12.1 W (ERP)	
5150-5250 MHz	FX	20M0F7D	2.4 W (ERP)	
		40M0F7D		

Frequency Information

Cary (WAKE), NC - NL 35-49-58; WL 78-47-26; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	FX	20M0F7D	2.4 W (ERP)	
5150-5250 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	
5725-5850 MHz	FX	20M0F7D 20M0F7D 40M0F7D	2.4 W (ERP)	
5725-5850 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	

Raleigh (WAKE), NC - NL 35-52-13; WL 78-37-21; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, center

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1910 MHz	MO	10M0F7D	0.3 W (ERP)	
1930-1990 MHz	FX	10M0F7D	12.1 W (ERP)	
5150-5250 MHz	FX	20M0F7D 40M0F7D 20M0F7D	2.4 W (ERP)	

Frequency Information

Raleigh (WAKE), NC - NL 35-52-13; WL 78-37-21; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, cer

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	MO	20M0F7D	0.3 W (ERP)	
		40M0F7D		
5725-5850 MHz	FX	20M0F7D	2.4 W (ERP)	
		20M0F7D		
		40M0F7D		
5725-5850 MHz	MO	20M0F7D	0.3 W (ERP)	
		40M0F7D		

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) Operations in the bands 5150-5250 MHz and 5725-5850 MHz must be in accordance with the FCC CFR 47 Part 15 Subpart E.
- (4) Operation in the 1850-1910 MHz and 1930-1990 MHz subject to consent of all PCS licensees within 50 miles of the test area.
- (5) Stop buzzer point of contact is Mr. John Forrester at (858) 845-7428 or jforrest@qti.qualcomm.com or 5GHz.trial.shutdown@qti.qualcomm.com