

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL
(Nature of Service)

WI2XJV
(Call Sign)

XD FX MO
(Class of Station)

0377-EX-PL-2016
(File Number)

NAME Qualcomm Technologies, Inc

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) Oklahoma City (OKLAHOMA), OK - NL 35-32-10; WL 97-35-09; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km
- (2) Oklahoma City (OKLAHOMA), OK - NL 35-28-03; WL 97-30-39; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km
- (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 (OKLAHOMA), OK - NL 35-32-10; WL 97-35-09; MOBILE: Fixed and mobile devices within 1 mile radius, withi

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	2.4 W (ERP)	

This authorization effective June 06, 2016 and will expire 3:00 A.M. EST June 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Oklahoma City (OKLAHOMA), OK - NL 35-32-10; WL 97-35-09; MOBILE: Fixed and mobile devices within 1 mile radius, withi

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)	

Oklahoma City (OKLAHOMA), OK - NL 35-28-03; WL 97-30-39; MOBILE: Fixed and mobile devices within 1 mile radius, withi

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)	
5150-5250 MHz	MO	20M0F7D	0.3 W (ERP)	

Frequency Information

Oklahoma City (OKLAHOMA), OK - NL 35-28-03; WL 97-30-39; MOBILE: Fixed and mobile devices within 1 mile radius, withi

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	MO	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)	

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 40M0F7D 20M0F7D	2.4 W (ERP)	
5150-5250 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	
5725-5850 MHz	FX	20M0F7D	2.4 W (ERP)	

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 (+/-)
5725-5850 MHz	FX	20M0F7D	2.4 W (ERP)	
		40M0F7D		
5725-5850 MHz	MO	20M0F7D	0.3 W (ERP)	
		40M0F7D		

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 (+/-)
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		
		20M0F7D		
5150-5250 MHz	MO	20M0F7D	0.3 W (ERP)	
		40M0F7D		
5725-5850 MHz	FX	20M0F7D	2.4 W (ERP)	
		20M0F7D		
		40M0F7D		

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 (+/-)
5725-5850 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	

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) 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