

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

EXPERIMENTAL

(Nature of Service)

WG2XHH

(Call Sign)

XD MO

(Class of Station)

0357-EX-PL-2012

(File Number)

NAME QUALCOMM Incorporated

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(i) of the Commission's Rules

Station Locations

(1) MOBILE: United States

Frequency Information

MOBILE: United States

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
704-716 MHz	MO	8M93F9W	242 mW (ERP)	
824-849 MHz	MO	251KGXW	1.2 W (ERP)	
824-848 MHz	MO	4M17F9W	242 mW (ERP)	
1710-1755 MHz	MO	8M93F9W	24 mW (ERP)	

This authorization effective August 15, 2012 and
will expire 3:00 A.M. EST April 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: United States

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1910 MHz	MO	251KGXW	607 mW (ERP)	
1850-1910 MHz	MO	4M17F9W	242 mW (ERP)	

Special Conditions:

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) 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.
- (6) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (7) All of the experimental devices to be retrieved by Qualcomm Inc. from the participants upon completion of the experiment.
- (8) QUALCOMM must not operate within 80 KM of Cherry Point, NC 345800N 0765600W and Yuma, AZ 323200N 1135800W per US378.

Special Conditions:

- (9) QUALCOMM must notch out the following frequencies:
- a. 1710.5 MHz +/- 400 kHz – within 35 KM of 354450N 0871300W, Bending Chestnut, TN
 - b. 1710.5 MHz +/- 400 kHz – within 30 KM of 353200N 0823240W, Oteen, NC
 - c. 1710.5 MHz +/- 400 kHz – within 50 KM of 320000N 0905700W, Duke, MS
 - d. 1710.5 MHz +/- 400 kHz – within 30 KM of 331100N 0892450W, Little MTN, MS
 - e. 1710.5 MHz +/- 400 kHz – within 10 KM of 342113N 0883809W, Tupelo, MS
 - f. 1716 MHz +/- 2.5 MHz – within 40 KM of 353740N 0822500W, Clingmans Peak, NC
 - g. 1716 MHz +/- 2.5 MHz – within 35 KM of 370440N 0801350W, Poor MTN, VA
 - h. 1716 MHz +/- 2.5 MHz – within 40 km of 362400N 0812140W, Rich MTN, NC
 - i. 1726 MHz +/- 2.5 MHz – within 35 KM of 370440N 0801350W, Grassy Knoll, VA
 - j. 1731 MHz +/- 400 kHz – within 30 KM of 335120N 0885850W, Dancy, MS
 - k. 1731 MHz +/- 400 kHz – within 40 KM of 345750N 0875120W, Mynot, AL
 - l. 1731 MHz +/- 400 kHz – within 40 KM of 323920N 0894820W, St. Ann, MS
 - m. 1747 MHz +/- 400 kHz – within 30 KM of 335120N 0885850W, Little MTN, MS
 - n. 1747 MHz +/- 400 kHz – within 40 KM of 343200N 0881630W, Mynot, AL
 - o. 1747 MHz +/- 400 kHz – within 50 KM of 320000N 0905700W, Ridgeland, MD
 - p. 1752 MHz +/- 2.5 MHz – within 25 KM of 353202N 0823320W, Mt. Pisgah, NC
 - q. 1752 MHz +/- 2.5 MHz – within 30 KM of 363132N 0805739W, Peach Bottom MTN, NC