

1. Introduction:

QUALCOMM Incorporated(www.qualcomm.com) is a leader in developing and delivering innovative digital wireless communications products and services based on the Company's CDMA digital technology. Headquartered in San Diego, Calif., QUALCOMM is included in the S&P 500 Index and is a 2005 FORTUNE 500® company traded on The Nasdaq Stock Market® under the ticker symbol QCOM.

2. Experiment Description

Qualcomm will be evaluating new wireless technologies using spectrum in the 2160-2180 MHz frequency range. Multiple bandwidth and modulation schemes will be evaluated as part of this testing. Fixed transmitters will be located on 4-5 Qualcomm buildings and mobile devices will be operated within a 20km radius of the fixed sites.

Testing will be conducted with both TDD and FDD systems. For FDD testing, mobiles will operate under a separate experimental license in a different frequency band.

3. Duration

2 years: December 1, 2005 through December 1, 2007.

4. Test Frequencies and Transmit Power

The following table summarizes the peak power levels for fixed transmitters to be used in the 2160-2180 MHz frequency band.

Unit	Freq (MHz)	# Units	Antenna	Maximum BW (MHz)	Power (EIRP)	Power (ERP)
Fixed	2160-2180	5	OMNI (3 sectors)	20 MHz	57.0 dBm, 500.00 W	54.8 dBm, 303.37 W
Mobile	2160-2180	10	OMNI	20 MHz	24.0 dBm, 0.25 W	21.8 dBm, 0.15 W

5. Fixed Locations

Building	Lat	Long	Address	Antenna Height Above Sea Level (m)
L	32 deg 53 min 42.9 sec	117 deg 11 min 43.74 sec	5775 Morehouse Dr San Diego CA, 92121	153
AF	32 deg 53 min 50 sec	117 deg 12 min 05 sec	9950 Barnes Canyon Rd San Diego CA, 92121	124
AA	32 deg 53 min 26 sec	117 deg 13 min 22 sec	10290 Campus Point Dr San Diego CA, 92121	134
R	32 deg 54 min 15 sec	117 deg 12 min 8.34 sec	10185 McKellar Ct San Diego CA, 92121	130
AE	32 deg 54 min 3 sec	117 deg 12 min 31 sec	6965 Lusk Blvd San Diego CA, 92121	140

Mobile devices will be within a 20km radius of the Qualcomm facilities.

6. Frequency Coordination

Qualcomm is working with Comsearch (<http://www.comsearch.com>) to evaluate any interference to existing commercial licenses in the operational band and also obtain licensee consent for use of the spectrum in support of the experimental license.