QUALCOMM 2.6 GHz MHz Experiment Proposal

1 Introduction

Qualcomm Incorporated (NASDAQ:QCOM - News) is the world leader in 3G and next-generation mobile technologies. For 25 years, Qualcomm ideas and inventions have driven the evolution of wireless communications, connecting people more closely to information, entertainment and each other. Today, Qualcomm technologies are powering the convergence of mobile communications and consumer electronics, making wireless devices and services more personal, affordable and accessible to people everywhere. For more information, please visit www.qualcomm.com.

QUALCOMM will be completing limited testing of an experimental TDD technology in San Diego, CA and Bridgewater, NJ.

2 Transmitter Information

The maximum output power for mobile units and the fixed site is listed in Table 1. Table 2 lists the fixed site location and operational radius where mobiles will be operated. The actual fixed site ERP deployed may be lower than the power listed after the network design has been finalized.

Table 1 Transmitter Information

Type	Frequency (MHz)	Power (dBm EIRP)	Power (W EIRP)	Power (W ERP)	Bandwidth (MHz)	Emissions Designator:
Fixed	2668-2690	50	100	60.7	20	20M00W7W
Mobile	2668-2690	30	1	0.607	20	20M00W7W

Table 2 Transmitter Site Information

Type	Address	County	Lat	Long	Radius (miles)	Radius (km)	Antenna Type
Fixed	500 Somerset Corporate Blvd Bridgewater, NJ 08807	Somerset	40-35-6N	74 37 26W	5	8	Omni
Fixed	5775 Morehouse Dr. San Diego, CA 92121	San Diego	32 54 9N	117 12 3W	5	8	Omni

3 Frequency Coordination

Consent of spectrum licensees will be obtained prior to usage.