

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 complete research and development activities evaluating technologies using white space spectrum at facilities located in San Diego

2 Transmitter Information

A maximum of 10 units will operate at the locations defined in this application with a maximum transmit power of 20dBm (100mW). All units will be located within a 2 mile radius of 5775 Morehouse Drive, San Diego, CA 92130. The R&D transmitters will have a transmission bandwidth of 10MHz or less.

The channels requested in Table 1 were identified by searching the Spectrum Bridge website.

Table 1 Transmitter Information

TV Channel	Range (MHz)	Power (dBm EIRP)	Power (W EIRP)	Power (W EIRP)
25	536-542	20	0.100	0.061
26	542-548	20	0.100	0.061
32	578-584	20	0.100	0.061
33	584-590	20	0.100	0.061
45	656-662	20	0.100	0.061
46	662-668	20	0.100	0.061