

A. Applicant's Qualifications

QUALCOMM Incorporated (www.qualcomm.com) is a leader in developing and delivering innovative digital wireless communications products and services based on CDMA and other advanced technologies. 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.

B. Experimentation Proposal

QUALCOMM is expanding its technology with the emergence of new applications for wireless technology in the 700 MHz band. QUALCOMM has successfully developing this new FLO technology while operating under experimental license call sign WD2XLG, and now desires to modify the license to support future testing.

This license modification accomplishes the following:

- Deletes channels and locations no longer used
- Retains two transmitter sites on Black Mountain and Mount San Miguel
- Add two new low power sites on Qualcomm buildings required for future development of FLO technology

The Building AA site incorporates a direction antenna orientated at CL-1469 directional antenna orientated 60 degrees (Northeast). The antenna is vertically polarized.

The Building R site incorporates a direction antenna orientated at CL-1469 directional antenna orientated 220 degrees (South West). The antenna is vertically polarized.

The following table summarizes the required frequencies, sites, and power levels.

Table 1: Call Sign WD2XLG Test Locations

Location	Lat (NAD83)	Long (NAD83)	TV Channel	Frequency Range (MHz)	Antenna Beam 3dB Beam width	Orientation in Horizontal Plane	Orientation in Vertical Plane	RCAMSL (m)	Power (W ERP)	Authorization Status
Building AA	32-53-27.16	117-13-25.129	59	740-746	52 deg	60	0	105.2	100	*New site
Building R	32-54-16.166	117-12-8.126	59	740-746	52 deg	220	0	107.2	100	*New site
Mount San Miguel	32-41-48	116-56-10	53	704-710					50000	0115-EX-ML-2005
Black Mountain	32-58-52.9	117-06-55.9	53	704-710					50000	0115-EX-ML-2005

C. Coordination with Society of Broadcast Engineers, Inc. (SBE)

Prior to activating the experimental transmitter, QUALCOMM will coordinate with SBE to verify that no interference to existing licensed broadcast stations will occur. This coordination effort has been successful in while operating under QUALCOMM's current license (call sign WD2XLG.)