

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 2006 FORTUNE 500® company traded on The Nasdaq Stock Market under the ticker symbol QCOM.

B. STA Proposal

Qualcomm will be completing propagation of a VHF system over a six week period using TV channel 13. The test system uses a direction antenna to avoid any impact to licensed TV stations in operation north of San Diego County. Two sites are listed but only one antenna will be active at any one time.

Coordination with SBE will be complete led prior to transmission.

Table 1: Frequency Information

Location	Lat	Long	TV Channel	Frequency Range	Power (W ERP)	Azimuth	RCAMSL(m)
Building X	32-54-18.5N	117-11-32.2W	13	210-216	6	140 degrees	118
Building WT	32-54-12.7N	117-11-48.2W	13	210-216	6	140 degrees	162.5

B. Additional Transmitter Information

FCC Question	Site Name	Building X	Building WT
	Lat	32 54 18.5	32 54 12.7
	Long	117 11 13.2	117 11 48.2
1. Channel number.		13	13
2. Antenna location site elevation above mean sea level in meters.		106	106
3. Overall tower height above ground level in meters.		12	12
4. Height of radiation center above ground level in meters.		118	118
5. Maximum effective radiated power in kilowatts.		0.006	0.006
6. Transmitter output power in kilowatts.		0.0158	0.0158
7. Verify that the antenna is nondirectional.		directional (140 deg)	directional (140 deg)
8. If the antenna is directional, report the relative field values starting at 0 through 350 every 10 degrees.	Angle (deg)	Rel.FS- Building X	Rel.FS- Building X
	0	0.01	0.01
	10	0.01	0.01
	20	0.01	0.01
	30	0.01	0.01
	40	0.01	0.01
	50	0.01	0.01
	60	0.01	0.01
	70	0.01	0.01
	80	0.01	0.01
	90	0.086	0.086
	100	0.361	0.361
	110	0.622	0.622
	120	0.812	0.812
	130	0.947	0.947
	140	1	1
	150	0.947	0.947
	160	0.812	0.812
	170	0.622	0.622
	180	0.361	0.361
	190	0.086	0.086
	200	0.01	0.01
	210	0.01	0.01
	220	0.01	0.01
	230	0.01	0.01
	240	0.01	0.01
	250	0.01	0.01
	260	0.01	0.01
	270	0.01	0.01
	280	0.01	0.01
	290	0.01	0.01
	300	0.01	0.01
	310	0.01	0.01
	320	0.01	0.01
	330	0.01	0.01
	340	0.01	0.01
	350	0.01	0.01
9. If the emissions are digital, then report the out-of-band emission mask (simple or stringent).			
10. If the emissions are analog, then report the frequency offset (zero, plus, minus or none).			

