

RFR Engineering Statement
KBWF(FM)
Channel 239 – San Francisco, California
95.7 mHz

On October 25, 2007, I tested the RFR levels on the Bonneville Holding KBWF(FM), then KMAX(FM), on Mt. San Bruno in the South San Francisco area using the following equipment:

FM Broadcast Testing:	Holiday Industries Isotropic Magnetic Field Probe	HI-4433-HCH
	Calibrated May 15, 2007	
	Holiday Industries Isotropic Electric Field Probe	HI-4433-MSE
	calibrated May 15, 2007	
	Holiday Industries System Readout	HI-4416
	calibrated May 15, 2007	

This installation is located on top of Mt. San Bruno along with other radio and television broadcast transmitter facilities. The transmitters were tested using the antenna specified in the FCC construction permit file number: BXPB-20070212BAV. Maximum readings under the transmitting tower and surrounding areas were found to be significantly the same as listed in the attached Hammett & Edison study. RFR warning signs have been posted to warn persons of the possible RFR radiation in this area. New measurements inside the transmitter room and around the transmitter equipment were tested and found to be less than $30 \mu\text{W}/\text{cm}^2$, significantly lower than the $1000 \mu\text{W}/\text{cm}^2$ allowed by OET Bulletin 65, Edition 97-01, August 1997 in a controlled environment. All controlled areas are locked and signed to warn against public access.

The Hammett & Edison study includes operation of this auxiliary site exactly as stated in the construction permit. That study states that the main and aux transmitter site for the above referenced station in this area are maintained within the FCC limits for maximum permissible exposure (MPE) for both occupational/controlled exposure and general population/uncontrolled areas. Procedures are implemented to power down and limit exposure when any personnel are working in areas that exceed the limits listed in OET Bulletin 65, Edition 97-01, August 1997.

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