

Emergency Antenna

KRCB-FM has mounted an emergency antenna on a temporary pole located next to its studio building at 5850 Labath Avenue in Rohnert Park, California. Based on the technical specifications provided in the application, the FCC F(50,10) interfering contour for the emergency operation does not overlap the FCC F(50,50) protected contour of any other licensed co-channel, first-adjacent, second-adjacent, or third-adjacent station. So, no interference is expected to other licensed stations from the proposed emergency operation.

An environmental assessment is not required, as grant of this request would not be considered a major environmental action. There are several existing microwave “dish” antennas and directional panel antennas located on a tower, a pole, and at ground level on the property. In order to assess cumulative RF exposure levels, the site was visited by William F. Hammett, P.E., during normal business hours on November 6, 2019. The maximum power density level observed for a person at ground at the site was 0.066 mW/cm^2 , which is 33% of the most restrictive public limit, for the combined operation of the existing RF services at the site, including the KRCB-FM emergency antenna, as installed and operating at that time. The proposed operation therefore complies with the FCC public limit. The measurement equipment used was a Wandel & Goltermann Type EMR-300 Radiation Meter with Type 8 Isotropic Electric Field Probe (Serial No. P-0036). The meter and probe were under current calibration by the manufacturer.

