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**BY EMAIL DNEWENHOUSE@KQED.ORG**

June 28, 2021

Mr. Donny Newenhouse  
KQED, Executive Director  
50 Beale Street, 5th Floor  
San Francisco, California 94105-1813

Dear Donny:

As requested, and pursuant to the FCC license renewal application for the operation of KQED-FM, 88.5 MHz, Channel 203B, San Francisco, California, at the San Bruno Mountain broadcast site, located about 2 miles west of Highway 280 within the San Bruno Mountain State and County Park near Daly City, we have measured the radio frequency (“RF”) exposure levels at ground at the site for compliance with FCC RF exposure limits.

The San Bruno Mountain Site was visited by the undersigned engineer and by Mr. David Kelly, a qualified field technician, both employed by Hammett & Edison, Inc., during regular business hours on June 10, 2020, a non-holiday weekday. The surrounding area, including Radio Road and nearby hiking trails, are generally open to and were observed to be regularly used by the public.\*

Measurements were made throughout the site, including along Radio Road, adjacent to each of the broadcast towers and buildings, and on the accessible hillsides and trails surrounding the site. The measurement equipment used were two Narda Type NBM-520 Broadband Field Meters, each with a Type EA-5091 Isotropic Broadband Electric Field Probe (Serial Nos. 01035 and 01291). All meters and probes were under current calibration by the manufacturer. Peak readings were observed and recorded; in areas where the peak reading approached the public exposure limit, spatial averaging was used, as recommended by the FCC, in order to determine compliance with RF exposure guidelines.

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\* Although the park was officially closed to the public at the time of the visit due to the novel coronavirus (COVID-19) health concerns, several hikers and bikers were observed at the site.

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The maximum cumulative spatially-averaged RF exposure level measured at any ground level location near the site was 78% of the applicable FCC public exposure limit, located at the northern end of the site between Tower 1 and Tower 2; this and other representative measurements are shown in the attached Figure. For worker access to the towers themselves, it is understood that KQED-FM will coordinate with other users at the site to reduce power, as necessary, to comply with FCC occupational exposure limits.

We appreciate the opportunity to be of service. Please let us know if you need anything further.

Sincerely,

*Rajat Mathur*

Rajat Mathur, P.E.

scn

Enclosure



# San Bruno Mountain Broadcast Site

## Representative Measured Cumulative RF Exposure Levels at Ground

