



K15KO-D Redding, CA - Facility ID: 129800
Displacement Application for
Construction Permit (to Channel 19)

This is a displacement application for a construction permit to change K15KO-D Redding, CA (FAC ID 129800) from channel 15 to channel 19 at the existing tower site. The proposed directional antenna is a Scala PR-450CU oriented to 110 degrees true.

K15KO-D was displaced by the repack channel change of KRCR-TV Redding, CA (FAC ID 8291) to channel 15. The FCC's TVStudy interference check for K15KO-D as licensed shows that it will cause 6.75% interference to KRCR-TV on channel 15, and it will receive 97.15% interference from KRCR-TV.

47 C.F.R. Section 1.1306

A Commission grant of Authorization for this location would not be an action which may have a significant environmental effect. Based on worst-case calculations and considering a very conservative vertical relative field factor of 0.3 pursuant to OET Bulletin 65, the proposed television facility is predicted to produce a maximum power density which exceeds the FCC Guideline value of 335.33 microwatts per square centimeter for uncontrolled RFR environments. Further, because the proposed facility is located in close proximity to five other television broadcast stations, the cumulative power density of all the stations operating from the shared site must be considered.

In light of the above, once the proposed facility is authorized and installed, an

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RFR measurement survey will be undertaken to determine the effect of the proposed facility on the RFR environment. Any changes in necessary to the existing RFR safety plan will be made accordingly. Further, the applicant is committed to reducing power or ceasing operation as necessary to protect persons having access to the site, tower or antenna from RF electromagnetic fields in excess of FCC's occupational guidelines.

47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g), 74.793(h)

74.709 pertains to TV applicants proposing use of TV Channels 14-20. The applicant for K15KO-D proposes operation on channel 19. A copy of the FCC TVStudy software interference report is included with this application that states “No land mobile station failures found”. The report also demonstrates the full service mask proposed meets the requirements of 74.793(e) (f) (g) and (h).


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