



**KKTF-LD Chico, CA - Facility ID: 131020**  
**Amendment, Digital Displacement Application**  
**for a Construction Permit**  
**Present License is BLDTL-20100716AAP**

This is an amendment to the digital displacement application for KKTF-LD 30 Chico, CA. This application proposes to change KKTF-LD to channel 24. KKTF-LD has been displaced by KCVU-TV 30 Paradise, CA, FCC FAC ID 58605. The proposed site is a tower registered as ASR 1049506. The proposed site is an existing communications tower.

This amendment changes the proposed channel (to 24) and antenna pattern (slight change due to channel and elliptical component). It also eliminates any possible concern for land mobile interference issues.

**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. The subject station's predicted power density contribution at the multiple-use site is not considered significant and does not require consideration. 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 of only

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4.11 microwatts per square centimeter at two meters above ground level. This represents only 1.16% of the FCC Guideline value of 355.33 microwatts per square centimeter for uncontrolled RFR environments. Pursuant to Section 1.1307(b)(3) of the FCC Rules, because the proposed facility would contribute less than 5% of the uncontrolled limit and controlled exposure limit, the proposal's power density contribution is insignificant. The permittee/licensee in coordination with other users of the site will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

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

74.709 pertains to protection to Land Mobile facilities by UHF TV stations operating in channels 14-20. The proposed KKTF-LD operation will be on channel 24. Therefore 74.709 is satisfied. A TVStudy interference check (included with this application) demonstrates the stringent mask proposed meets the requirements of 74.793(e) (f) (g) and (h).

*Carl E. Gluck*

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