

TECHNICAL EXHIBIT

FACILITY: KHHI-LP, FI 21716
HONOLULU, HI
U.S. TELEVISION, LLC

Using the specified equipment, pattern and ERP, the application is in compliance with all pertinent portions of §74.793 with respect to all existing part 73 and part 74 licenses, permits and applications known as of the time of filing. The FCC previously issued a CP on Ch 36, File Number 0000029017 previously determining no problem with the quiet zone. As DKHLU-CD has relinquished their facilities, this application uses identical parameters as the previously granted CP. This Applicant had a CP granted File # 0000071792 in april of 2019. In order to meet the July 13, 2021 cutoff date for analog stations, the applicant licensed the station under the STA File # 0000017390 parameters. This application is identical to the previously granted CP File # 0000071792, no other changes.

Employing the methods set forth in OET Bulletin No. 65 and considering a main-lobe effective radiated power of 12.3 kW, an antenna radiation center 10.1 meters above ground, and the specific elevation pattern of the proposed Dielectric antenna, maximum power density two meters above ground of 0.22 mW/cm² is calculated to occur 6 meters southeast of the base of the tower. Since this is only 10.9 percent of the 2.0 mW/cm² reference for controlled environments (areas without public access) surrounding a facility operating on Channel 36 (602-608 MHz), and since this site is inaccessible to the public, a grant of this proposal may be considered a minor environmental action with respect to public and occupational exposure to non-ionizing electromagnetic radiation. The licensee shall also take precautions such as reducing power or shutting down temporarily, to ensure that workers operating in the vicinity of the antenna are not exposed to excessive NIER.

Susan Hansen
March 22, 2021