

Engineering Exhibit K225AC

This application seeks to make corrections to the authorization of translator K255AC. A recent survey of the transmit location revealed relatively minor discrepancies between licensed parameters and conditions actually found.

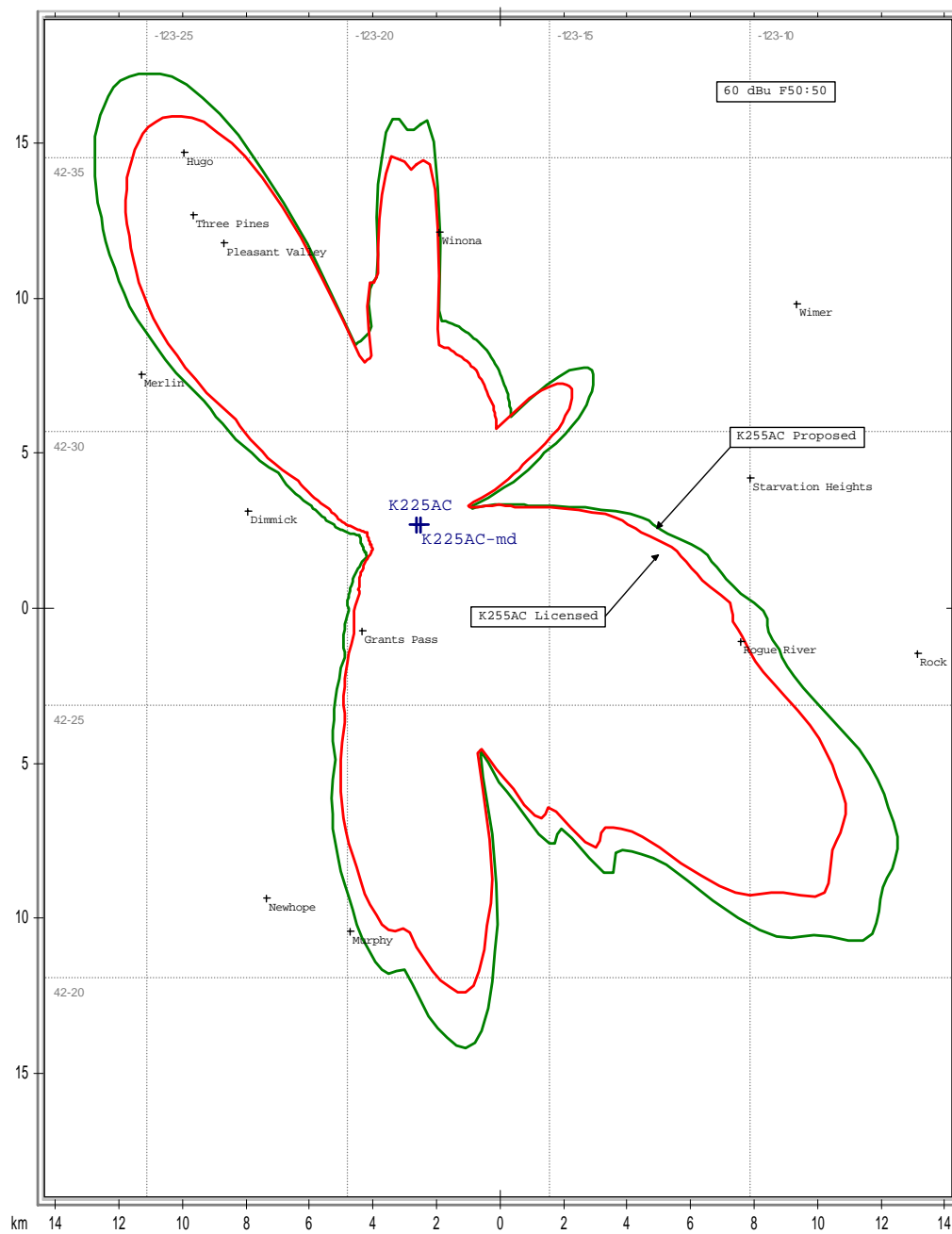
Operation at 150 watts is proposed to prevent prohibited interference. Attached are maps demonstrating the modified facility will not create new, or increase existing interference.

The Proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

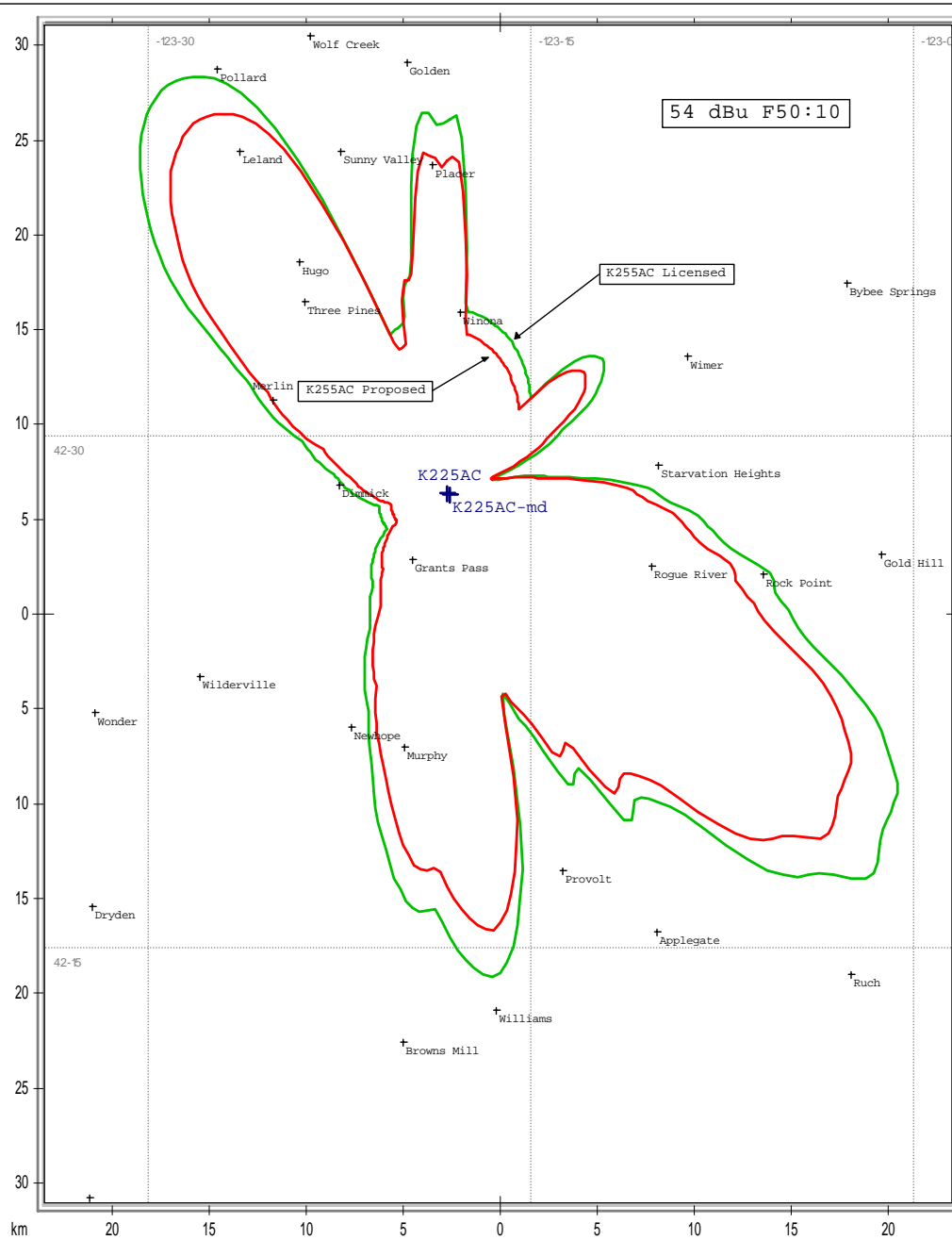
The antenna system is a composite Scala CL-FM, log periodic antenna, mounted with its center of radiation 11 meters above ground level, and will operate with an effective radiated power of 150 watts in the horizontal plane only. For this study a "worse case" antenna type "Ring Stub" was utilized. At 2 meters above ground, at the base of the tower, this proposal will contribute 7.86 microwatts per square centimeter, or 0.78 percent of the allowable ANSI limit for controlled exposure, and 3.93 percent of the allowable limit for uncontrolled exposure. This figure is less than 5% of the applicable FCC exposure limit at all locations extending out from the base of the tower. Section 1.1307(b)(3) excludes applications when the calculated level is predicted to be less than 5% of the applicable exposure limit. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.

60 dBu F50:50 Contours



54 dBu F50:10 Contours



34 dBu F50:10 Contours

