

Engineering Statement

This sole purpose of this application is to request a reduction in effective radiated power pursuant to 47 CFR 74.1251(b)(7). K265DK is currently authorized for an effective radiated power of 0.225 kW H and 0.225 kW V. This application proposes to reduce the effective radiated power to 0.137 kW H and 0.137 kW V. The applicant does not propose to eliminate the horizontally polarized ERP, thus this request complies with 47 CFR 1251(b)(7)(i). The currently authorized height of the center of radiation of the antenna above ground level is 8 meters. The currently authorized height of the center of radiation above average terrain is 935 meters. The applicant proposes no change in the height of the antenna, thus this request complies with 47 CFR 1251(b)(7)(ii). K265DK is currently authorized to utilize a Scala CA-2CP circularly polarized antenna. This applicant proposes no change in antenna type, thus this request complies with 47 CFR 1251(b)(7)(iii).