

TECHNICAL SUMMARY

LOW POWER TELEVISION STATION KQFX-LD
COLUMBIA, MISSOURI
CHANNEL 30 15 KW 575.6 M AMSL

1. The instant application is a application for displacement of KQFX-LD, currently licensed on Channel 22 at Columbia, MO (FCC File No. 0000091695).*
2. KQFX-LD is eligible to file for displacement according to the following:
 - a. It is subject to displacement due to predicted interference from the post-transition facility of KRBK, Osage Beach, MO (Channel 22, FCC File No. 0000063419), which exceeds the 2% interference level applicable to low power television stations.
 - b. An interference analysis for the licensed KQFX-LD facility with respect to the KRBK post-transition facility is attached hereto to demonstrate eligibility.
 - c. In addition, the licensee of KQFX-LD was notified of an interference complaint from a KRBK viewer located in Osage Beach by the FCC on December 13, 2019. This displacement application will serve to address this issue as well.
3. An interference analysis for the proposed KQFX-LD facility on Channel 30 was conducted using the FCC's *TVStudy* software. The results of this analysis are attached as an exhibit. The proposed facility meets the FCC's interference protection requirements with respect to all protected facilities based on the current and post-transition allocation environments.

* KQFX-LD has been licensed and operating on Channel 22 since 2009. See FCC File No. BLDTL-20090612AHA as recently modified by FCC File No. 0000091695.