

TECHNICAL SUMMARY

LPTV STATION K12QW-D (DISPLACEMENT)
(FCC FACILITY ID NO. 181278)
SILVER CITY, NEW MEXICO
CHANNEL 27 15 KW (MAX-DA) 2504 M AMSL

1. The instant application is a displacement application for K12QW-D. The station is licensed for operation on Channel 12 at Silver City, NM (FCC File No. BLDTV-20110428AAQ). Displacement to Channel 27 is proposed.

2. The K12QW-D facility is eligible for displacement due to high levels of predicted interference caused and received with respect to the recent construction permit for KKAB, Channel 12 at Silver City, NM, which is construction permit for a new allotment (FCC File No. 0000195585, Granted: September 13, 2022). An interference analysis for the K12QW-D licensed facility is attached hereto to demonstrate displacement eligibility. The predicted interference caused to the KKAB construction permit facility is 48.33% and the predicted interference received from the KKAB construction permit facility is 76.75%.*

3. An interference analysis for the proposed K12QW-D facility on Channel 27 was conducted using the FCC's *TVStudy* software. The results of this analysis are attached as an exhibit. As indicated, the proposed facility meets the FCC's interference protection requirements with respect to all protected facilities.

* The *de minimis* permissible interference limit from digital LPTV/Translator into full-service DTV station is 0.5%. Although secondary to full-service DTV, LPTV/Translator stations are generally protected to an interference limit of 2%.