

TECHNICAL SUMMARY

TELEVISION TRANSLATOR STATION K50CY-D
KINGMAN, ARIZONA
CHANNEL 35 0.98 KW (MAX-DA) 2567 M AMSL

1. The instant application was prepared on behalf of Mohave County Board of Supervisors ('Mohave'), licensee of television translator station K50CY-D, Kingman, AZ, in support of an application for displacement. The K50CY-D facility is licensed for operation on RF Channel 50. Mohave was notified by letter that the 600 MHz Band wireless band licensee in the market, T-Mobile, will be commencing operations that will result in the early displacement of the K50CY-D facility. The letter from T-Mobile is included with this application as an exhibit.

2. Due to the imminent displacement of K50CY-D, Mohave respectfully requests a waiver of the Displacement Freeze to allow it to continue its operations on Channel 35. This is pursuant to the FCC's *Public Notice* providing tools available to LPTV/Translator stations displaced prior to the Special Displacement Window.* Grant of this waiver will allow K50CY-D to continue to provide service to the public with as little disruption as possible.

3. Pursuant to the FCC's *Public Notice*, Mohave is also requesting operation pursuant to Special Temporary Authority (STA) for operation on Channel 35 with a facility identical to that proposed herein.

4. An interference analysis for the proposed K50CY-D facility on Channel 35 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.

* See *Public Notice*, "Incentive Auction Task Force and Media Bureau Set Forth Tools Available to LPTV/Translator Stations Displaced Prior to the Special Displacement Window," DA 17-584, Released: June 14, 2017.