

**Engineering Statement  
Modification of Construction Permit  
K19CX Yuma, AZ  
Channel 19  
July 9, 2021**

The purpose of this application is to modify the outstanding construction permit (CP) of K19CX (File # 0000145960). During antenna installation it was determined the tower site coordinates that had been provided by the tower owner were incorrect. Those coordinates as previously authorized (32-40-24.7 N 114-20-11.7 W) would have placed the tower on the side of the mountain instead of the actual location on the ridge of the mountain. The correct coordinates have now been determined using GPS measurement and place the tower at 32-40-23.8 N and 114-20-13.7 W. It has further been determined that the correct site elevation is 496.5 meters above mean sea level with the antenna center of radiation to be 37.2 meters above ground level. This results in a slight adjustment to the height of the radiation center above mean sea level (RCAMSL) from the previously authorized 536.6 meters to 533.7 meters. There is no proposed change in the power or antenna pattern.

An analysis of the facility proposed in this application was performed using the FCC's TVStudy software with the default settings. The study results (copy attached to application) indicates there will be no new interference caused above the de minimis limit.