

KTAZ Amended App. for Modification of Post-Repack Construction Permit

February 16, 2018

Purpose of Amendment

The purpose of this amendment is to modify the previously filed application (FCC file number 0000034901) for modification of the post-repack construction permit (FCC file number 0000026902) for operation on channel 29 for KTAZ, Phoenix, AZ, Facility ID 81458, licensed to NBC Telemundo License LLC. After tower mapping, structural analysis and final support structure design, the center of radiation of the new antenna authorized in the construction permit and requested in the application for modification was determined to 5.6 meters lower in height above ground than originally specified. Additional information to support Mexican coordination was added.

The corrected height above ground level (AGL) is 103.3 meters and the correct height above mean sea level (AMSL) is 904.3 meters. The new height above average terrain was recalculated using the ptelev command line utility in TVStudy and determined to be 546.2 meters, a reduction of 5.8 meters from the HAAT previously requested and authorized in the granted construction permit. The tower heights and location as specified in Antenna Structure Registration (ASR) number 1204586 do not change.

This amendment does not change the antenna pattern or the requested effective radiated power. The contour distance is slightly reduced from that originally requested. An updated coverage map is attached.

The original RF exposure study was done with a conservative height of 103.5 meters (lower than the 108.9 height specified in the construction permit and modification application) The environmental statement is updated to reflect calculated power density at the most recent determined antenna height of 103.3 meters AGL.

Details on all amended items and updated engineering exhibits are contained in the All Purpose Exhibit, attached.