

TECHNICAL SUMMARY

1. KWBQ HAS DETERMINED ITS TRANSMITTER SITE COORDINATES AND ANTENNA HEIGHT INFORMATION ARE INCORRECT BASED ON THE ANTENNA STRUCTURE REGISTRATION INFORMATION FOR THE EXISTING TOWER (ASR 1225205). THEREFORE, THE PURPOSE OF THIS MODIFICATION APPLICATION IS TO CORRECT THE KWBQ TRANSMITTER SITE COORDINATES AND ANTENNA HEIGHT INFORMATION. NO OTHER CHANGES ARE PROPOSED.
2. INTERFERENCE COMPLIANCE: OET-69 INTERFERENCE STUDY WAS BASED ON A CELL SIZE OF 2.0 KM AND A TERRAIN INCREMENT OF 1.0 KM.
3. FREEZE COMPLIANCE: FIGURE 1 SHOWS THE PREDICTED 41 DBU NOISE LIMITED CONTOUR FOR THE PRESENT AND PROPOSED (CORRECTED) KWBQ OPERATIONS. AS INDICATED, CORRECTION OF THE SITE COORDINATES AND ANTENNA HEIGHT DATA WILL RESULT IN EXTENSION OF THE LICENSED 41 DBU CONTOUR OF LESS THAN 1 KM IN ANY DIRECTION WHICH IS CONSIDERED TO BE INSIGNIFICANT. THEREFORE, THE PROPOSAL IS BELIEVED TO BE IN COMPLIANCE WITH THE FCC'S 04/05/2013 FREEZE ORDER.
4. CITY COVERAGE COMPLIANCE: THE INSTANT MODIFICATION APPLICATION WILL PROVIDE THE REQUISITE CITY GRADE (48 DBU) SIGNAL TO ALL OF SANTA FE, NM (SEE FIGURE 1).
5. SECTION 73.1030 COMPLIANCE: THE PROPOSED OPERATION WILL PROVIDE THE NECESSARY PROTECTION TO RADIO ASTRONOMY INSTALLATIONS AND FCC MONITORING STATIONS.
6. INTERNATIONAL CONSIDERATIONS: THE PROPOSED OPERATION IS LOCATED OUTSIDE OF THE BORDER AREAS OF CANADA AND MEXICO.
7. RFR COMPLIANCE: A RF HAZARD STATEMENT IS ATTACHED DEMONSTRATING THAT THE PROPOSED OPERATION COMPLIES WITH THE FCC'S LIMIT ON HUMAN EXPOSURE TO RF ENERGY.