TECHNICAL SUMMARY

1. BASED ON A RECENT SITE SURVEY, KBIM-TV HAS DETERMINED ITS TRANSMITTER SITE COORDINATES ARE INCORRECT. SPECIFICALLY, THERE IS A SEVEN SECOND CHANGE IN THE LONGITUDE. THEREFORE, THE PURPOSE OF THIS MODIFICATION APPLICATION IS TO CORRECT THE KBIM-TV TRANSMITTER SITE COORDINATES. NO OTHER CHANGES ARE PROPOSED.

2. ANTENNA STRUCTURE REGISTRATION: THE FAA HAS BEEN NOTIFIED OF THE TRANSMITTER SITE COORDINATE CORRECTION (SEE AERONAUTICAL STUDY NO. 2015-ASW-5135-OE). THE CURRENT KBIM-TV ANTENNA STRUCTURE REGISTRATION INFORMATION CONTAINED IN 1008544 WILL BE MODIFIED UPON RECEIPT OF A DETERMINATION OF NO HAZARD FROM THE FAA.

3. INTERFERENCE COMPLIANCE: OET-69 INTERFERENCE STUDY WAS BASED ON A CELL SIZE OF 2.0 KM AND A TERRAIN INCREMENT OF 1.0 KM.

4. FREEZE COMPLIANCE: FIGURE 1 SHOWS THE PREDICTED 36 DBU NOISE LIMITED CONTOUR FOR THE PRESENT AND PROPOSED KBIM-TV OPERATIONS. AS INDICATED, CORRECTION OF THE SITE COORDINATES WILL RESULT IN EXTENSION OF THE LICENSED 36 DBU CONTOUR OF LESS THAN 0.2 KM IN ANY DIRECTION WHICH IS CONSIDERED TO BE DE MINIMIS. 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 (43 DBU) SIGNAL TO ALL OF ROSWELL, 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 KBIM-TV OPERATION IS LOCATED ONLY 0.3 KM WITHIN THE US-MEXICAN COORDINATION ZONE (COORDINATION ZONE 275 KM, ACTUAL DISTANCE 274.7 KM). FURTHERMORE, ANY EXTENSION IN COVERAGE IS CONSIDERED TO BE DE MINIMIS AND THERE WILL BE NO CHANGE IN ACTUAL FACILITIES. THEREFORE, IT IS NOT BELIEVED THAT THE PROPOSAL WILL REQUIRE MEXICAN COORDINATION.

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.