

TECHNICAL SUMMARY

1. THE LICENSEE HAS DETERMINED THAT KGLA-DT'S ANTENNA WAS MOUNTED ON ITS TOWER AT A HEIGHT OF 309 METERS ABOVE GROUND LEVEL, 15 METERS HIGHER THAN THAT SPECIFIED IN ITS LICENSE. THEREFORE, THE PURPOSE OF THIS MINOR CHANGE MODIFICATION APPLICATION IS TO CORRECT KGLA-DT'S ANTENNA HEIGHT AND REDUCE ITS ERP FROM 1000 KW TO 780 KW IN ORDER TO COMPLY WITH THE CURRENT FREEZE (SEE BELOW). 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 KGLA-DT OPERATIONS. AS SHOWN, THE PROPOSED KGLA-DT 41 DBU NOISE-LIMITED CONTOUR IS COMPLETELY WITHIN THE PRESENT 41 DBU NOISE LIMITED CONTOUR 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 HAMMOND, LA (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.