

## **Engineering Statement and Interference Analysis**

This technical statement supports this application to amend 00000223281, a minor modification application to modify the license of KRPE-LP, Facility ID 129651, San Diego, CA.

### **Amendment**

This amendment is filed in response to the FCC letter dated September 19, 2017, see Attachment A. The proposed facility was studied using TVStudy 2.3.3 and the Applicant proposed to amend the application by specifying the following parameters:

- Study Cell Size: 0.5 km
- Profile Point Spacing: 0.1 km

### **Digital TV Station Protection**

The proposed facility causes less than 0.5% interference to surrounding digital authorized facilities (i.e., “*de minimis*”). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards.

### **Class A, Low Power TV and TV Translator Station Protection**

The proposed facility causes less than 0.5% interference to surrounding Class A and less than 2.0% interference to surrounding low power authorized facilities (i.e., “*de minimis*”). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards.

### **Environment Effect**

The proposed facility is deemed individually and cumulatively to have no significant effect on the quality of the human environment and are categorically excluded from environmental processing as defined by 47 C.F.R. § 1.1306. Additionally, the Applicant certifies that it will reduce power or cease operation as necessary to protect any persons from having RF exposure in excess of FCC guidelines.