

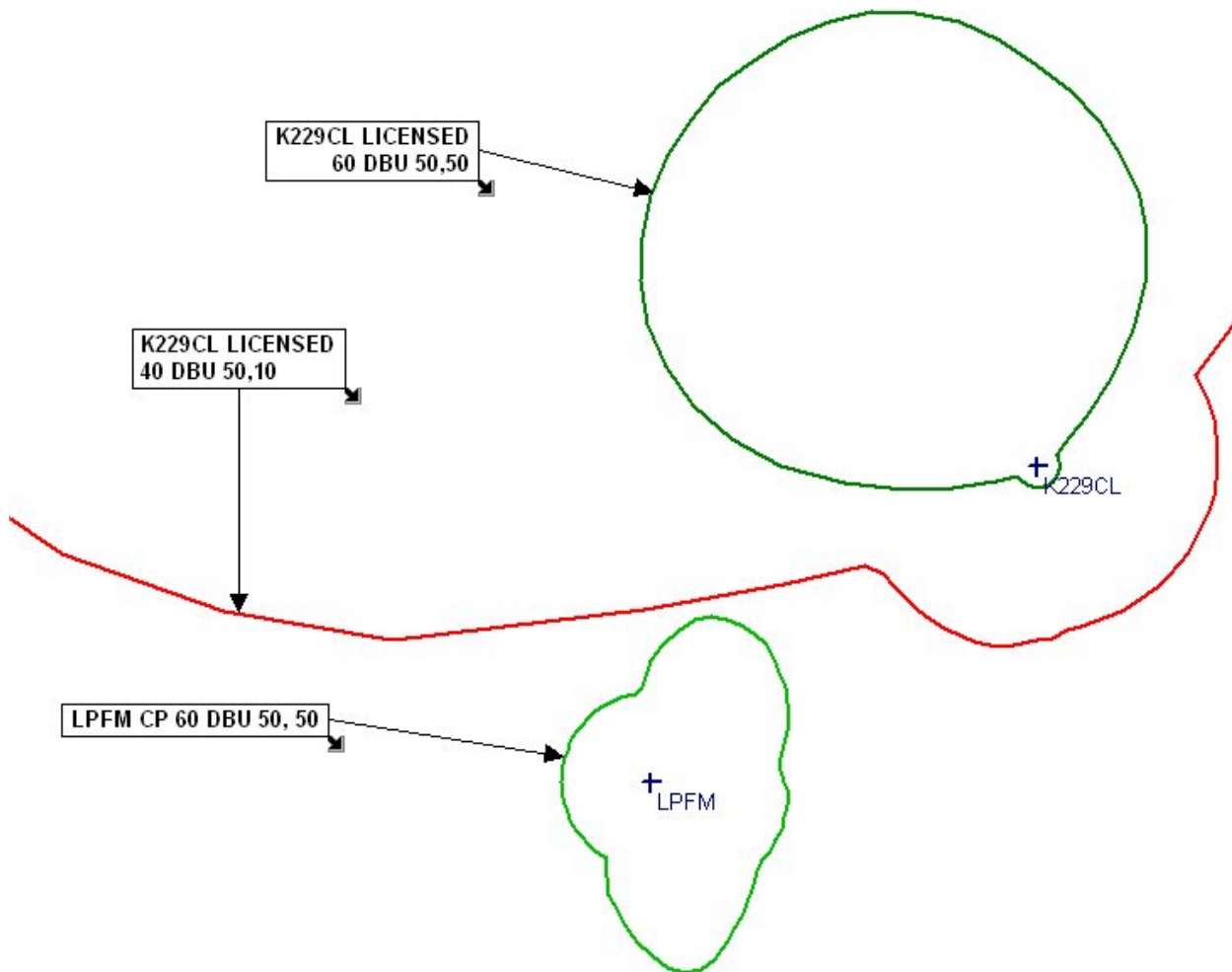
## **EXHIBIT 11-A – REASON FOR APPLICATION**

### **Compliance with Rules Section 73.870**

This application is being filed under the provisions of Section 73.870(a)(1), as a minor change for the relief of interference.

The construction permit for the new LPFM facility specifies operation on 93.7 MHz., which is shared with licensed translator station K229CL. While the predicted 40 dbu F(50,10) interfering contour of K229CL does protect the 60 dbu F(50,50) contour of the new LPFM station, as K229CL is situated atop Sandia Crest, a mile above the elevation of the new LPFM station, the signal from K229CL blankets the entire area to be served by the new LPFM station.

The contours of the new LPFM station and K229CL are shown on the map below. The LPFM 60 dbu contour is shown at the permitted LPFM transmitter site at full facility height:

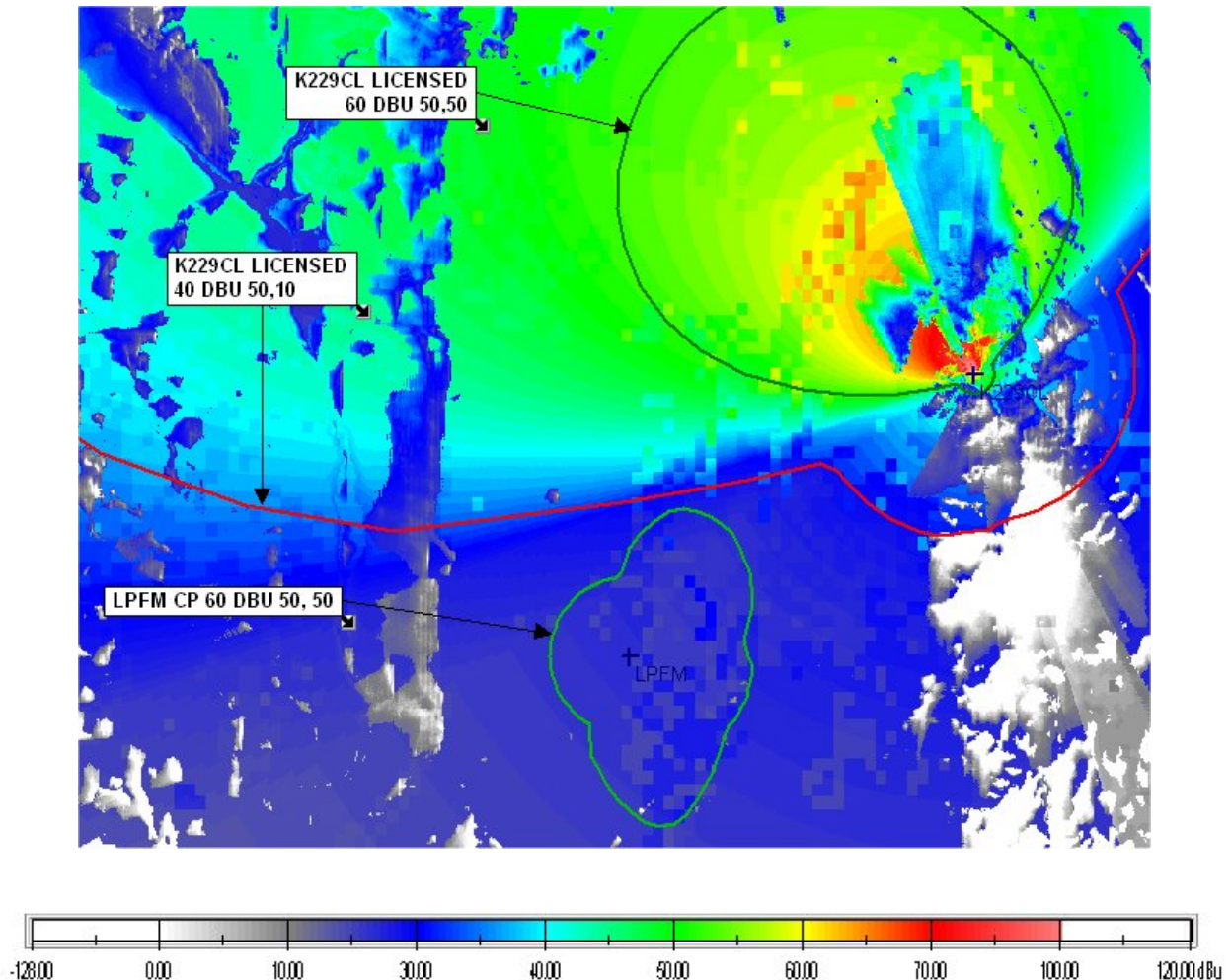


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## **EXHIBIT 11-A – REASON FOR APPLICATION – Page 2**

### **Compliance with Rules Section 73.870**

The map shown below is a Longley-Rice analysis of the signal produced over the LPFM coverage area by K229CL:



It is apparent that due to the unusual antenna height of K229CL, the coverage of the new LPFM station will be substantially reduced, with a large area of interference.

A channel study has revealed an alternate channel, 102.1 MHz., which may be utilized by the new LPFM station without any interference to any licensed or permitted station. The nearest co-channel station is KYRN at Socorro, NM, which is completely inaudible over the coverage area of the new LPFM station. Full distance separation to KYRN per Section 73.807(a)(1) of the Commission's Rules is demonstrated in Exhibit 11, the Channel Study, which is part of this application.

Therefore, Quote....Unquote, Inc. respectfully submits that the requested modification of its construction permit for the new LPFM station meets the requirements of Section 73.870(a)(1) of the Commission's Rules, and that the operation of the new LPFM station on FM frequency 102.1 MHz. will be an efficient use of the radio spectrum.