

## EXHIBIT 11

### OVERVIEW

The instant application proposes a minor change to translator W235AA as follows:

1. Relocation to a new antenna site with corresponding changes in elevation parameters.
2. Decrease in effective radiated power utilizing a directional antenna pattern to provide requisite protection to incumbent facilities.
3. The service contour of the proposed facility overlaps the service contour of the existing W235AA station. A contour plot demonstrating this overlap is included at the end of this exhibit.

The above qualify this application as a minor change per 47 C.F.R. §74.1233(a)(1).

### DATA SOURCES AND CALCULATIONS

The elevation data, HAAT calculations, and other computer-generated exhibits contained in the instant application were produced using the software package ComStudy Pro v.2.2 by RadioSoft. The ComStudy package uses 3-second and 30-second linearly-interpolated terrain data in accordance with 47 C.F.R. §73.312(d). Contour plots contained in exhibits in the instant application were likewise generated by ComStudy which utilizes algorithms that faithfully reproduce the F(50, 50) and F(50, 10) curves of 47 C.F.R. §73.333 figures 1 and 1a. Data pertaining to other broadcast facilities relevant to the interference study contained herein is derived from the Commission's current broadcast databases as obtained from the Commission by RadioSoft.

### **COMPLIANCE WITH 47 C.F.R. §74.1204 – OVERLAP REQUIREMENTS**

Exhibit 12 contains a detailed analysis which demonstrates lack of interference to any other FM broadcast, FM translator, or LPFM authorization in accordance with Section 74.1204.

### **COMPLIANCE WITH 47 C.F.R. §74.1235 – POWER LIMITATIONS**

The proposed facility operates with an effective radiated power of 10 watts maximum directional. As such, it does not exceed the maximum effective radiated power (MERP) limits specified in 74.1235(b) at any azimuth. All other provisions of Section 74.1235 are satisfied as well.

