

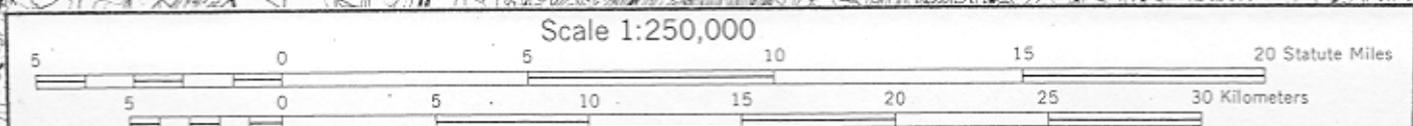
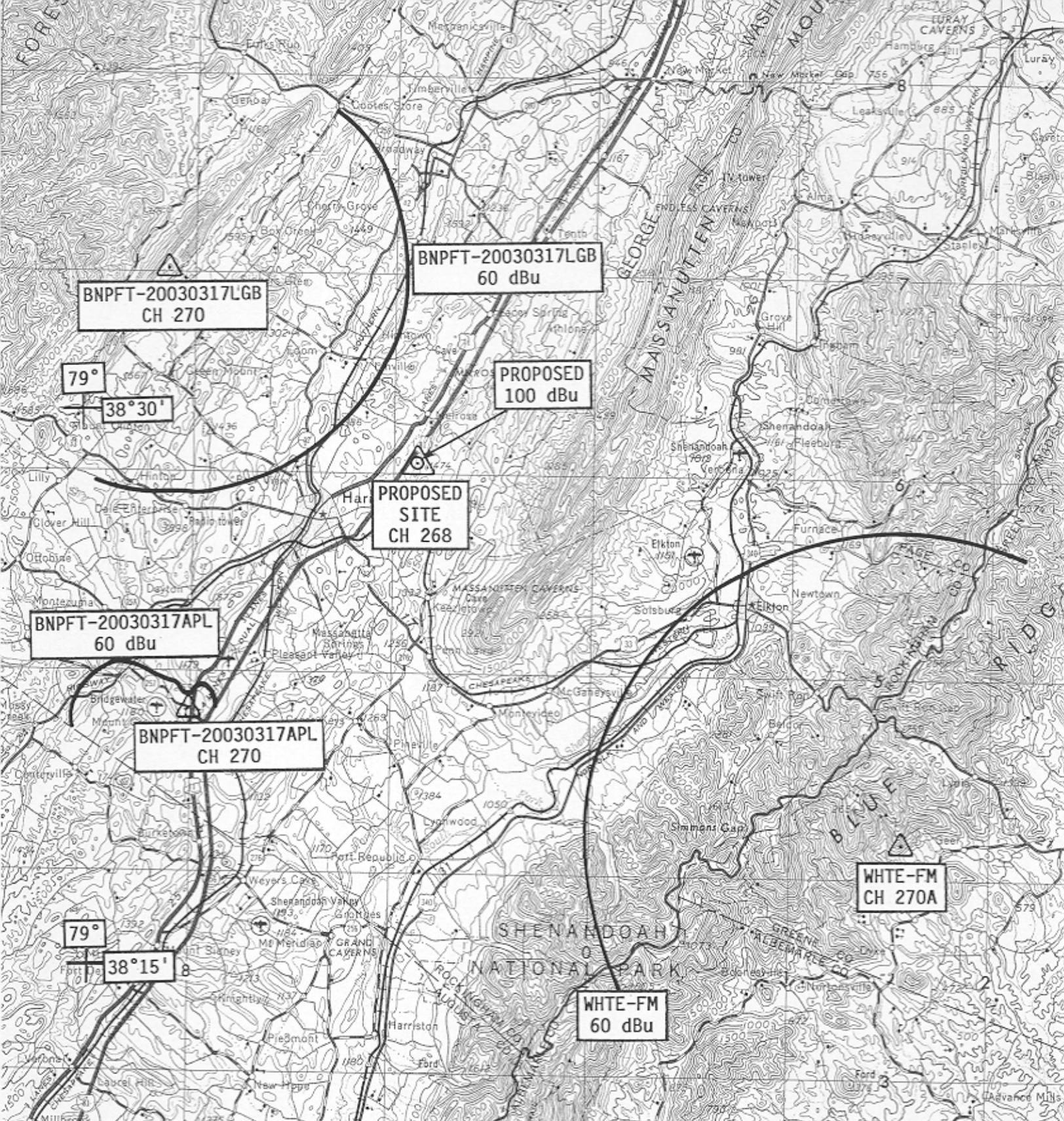
EXHIBIT 12  
(Page 1 of 2)

OVERLAP REQUIREMENTS  
Positive Alternative Radio, Inc.  
Harrisonburg, VA

Figure 12.0 is an allocation study showing the interfering contours for the proposed facilities in relation to the protected contours for all FM broadcast, FM translator, and Low Power FM stations which require protection consideration. As can be seen from this figure, no overlap will occur between the protected contour for each of these stations and the respective interfering contour for the proposed facilities. Based upon this information, the proposed facilities will provide the required protection to all stations requiring consideration.

It should be noted that the proposed facilities will operate with an effective radiated power of 13 watts. As a result, pursuant to Section 73.1204(g) of the FCC Rules, it is not necessary to demonstrate compliance with the intermediate frequency separation requirements outlined in Section 73.207 of the FCC Rules.

The proposed transmitter site is located within the quiet zone for the National Radio Astronomy Observatory in Green Bank, West Virginia. Pursuant to Section 73.1030 of the FCC Rules, a complete copy of the attached application is being provided to NRAO for their review and analysis.



**CARL E. SMITH CONSULTING ENGINEERS**  
 2324 N. CLEVE-MASS RD., BOX 807  
 BATH, OHIO 44210-0807  
 330/659-4440

**FIG. 12.0**  
**ALLOCATION STUDY**  
 Positive Alternative Radio, Inc.  
 Harrisonburg, VA