

MINOR CHANGE APPLICATION
POSITIVE ALTERNATIVE RADIO, INC.
W231BC FM TRANSLATOR STATION
CH 232D - 94.3 MHZ - 0.0115 KW
CHRISTIANSBURG, VIRGINIA
September 2011

TECHNICAL STATEMENT

This technical statement was prepared on behalf of Positive Alternative Radio, Inc. (“PAR”), licensee of FM translator station W231BC, Channel 231D, Christiansburg, Virginia. PAR herein proposes to make minor changes in the W231BC facilities by increasing the height of the center of radiation above ground and above mean sea level, with a slight increase in effective radiated power, and a change to Channel 232D. The proposed changes will be made at the existing W231BC tower. The proposed W231BC facility on Channel 232D will rebroadcast the signal of AM station WKEX, 1430 kHz, Blacksburg, Virginia. As the proposed W231BC 60 dBu contour is completely encompassed within the 2.0 mV/m contour of WKEX, as well as a 25.0 mile (40/0 kilometer) radius of the WKEX site, the proposed W231BC is considered a fill-in translator (Exhibit A).

Since PAR is proposing to make the requested changes at the licensed W231BC tower site, there is 60 dBu contour between the licensed W231BC and the 60 dBu contour of the proposed W231BC on Channel 232D. The proposed location for W231BC is not in a spectrum limited market based on Appendix A, Third Further Notice of Proposed Rule Making, FCC-11-105, MM Docket #99-25/MB Docket #07-172, released July 12, 2011.

The proposed W231BC antenna system will be located on an existing tower structure that has been registered with the Commission and has been assigned Antenna Structure Registration Number 1238674. In order to accommodate the proposed increased height of the antenna for W231BC, it is necessary to increase the height of the tower. As such, the Federal Aviation Administration was apprised of this proposal. When the expected updated Determination of No Hazard is received, ASRN 1238674 will be modified. Exhibit B is a study demonstrating that the proposed W231BC on Channel 232D translator will not cause interference to any full service station, nor will interference be delivered to or received from any existing FM translator station or LPFM application.

As the W231BC antenna system is located on one of many towers in the same general vicinity, use of the worksheet associated with Form 349 was not possible to demonstrate compliance with the FCC radio frequency radiation exposure rules. Therefore, attached as Exhibit C is a study which shows this proposal complies with the RF exposure limits.

All supporting data used in the preparation of this application has been forwarded to PAR and is available for submission to the Commission upon request.¹

1) All data regarding broadcast facilities was extracted from the CBDS database on the date of the interference tabulation. We assume no liability for errors or omissions in that database which may be adverse to the requests contained herein. Only the radiofrequency exposure review of the environmental analysis was undertaken as part of this instant engineering application.