

MINOR CHANGE APPLICATION
POWER VALLEY COMMUNICATIONS, INC.
W226AJ FM TRANSLATOR STATION
CH 250D - 97.9 MHZ - 0.250 kW
RED BAY, ALABAMA
March 2016

TECHNICAL STATEMENT

This Technical Statement and exhibits were prepared on behalf of Power Valley Communications, Inc. ("Power Valley"), licensee of FM translator station W226AJ, Channel 226D, Iuka, Mississippi. Power Valley proposes to relocate W226AJ to a new site, change from Channel 226D to Channel 250D, and rebroadcast AM station WRMG, 1430 kHz, Red Bay, Alabama, pursuant to DA-1491, released December 23, 2015. This is a "250 mile window application." Exhibit A demonstrates that the proposed W226AJ site is within 250 miles of the licensed W226AJ transmitter site, as required.

The proposed W226AJ antenna will be located on a new tower at the WRMG studio. The FCC program TOWAIR indicates the tower need not be registered. The FAA Notice Criteria Tool indicates the FAA need not be notified of the tower construction. A copy of the TOWAIR results and the FAA Notice Criteria Tool results are included with this application.

Power Valley is proposing that W226AJ rebroadcast the signal of AM station WRMG, 1430 kHz, Red Bay, Alabama. The proposed W226AJ's 60 dBu contour is within the WRMG 2.0 mV/m contour and is within 25 miles of the WRMG tower. Therefore, W226AJ is considered to be a fill-in translator. Exhibit B is a map demonstrating compliance with the fill-in requirements.

Exhibit C is a study demonstrating that the proposed W226AJ on Channel 250 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. The worksheets associated with FCC Form 349 were used to demonstrate compliance with the Commission's human exposure guidelines for radio frequency radiation.

All supporting data used in the preparation of this application has been forwarded to Power Valley 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 radio frequency exposure review of the environmental analysis was undertaken as part of this instant engineering application.