

WJXC-LP Channel Change Request Narrative

In its application filing herein, WJXC 107.9 LPFM (FCC Facility ID #194236) has requested a non-adjacent channel change from FM Channel 300LP100 to FM Channel 257LP100.

In support of this change, Applicant respectfully notes that FM Channel 300LP100 is unavailable from the requested site, as it is short-spaced to station WFCA 107.9 FM (FCC Facility ID #22628) on FM Class 300C at French Camp, Mississippi. Section 73.807(a)(1) of the Commission's Rules specifies a co-channel minimum distance of 130 kilometers between a Low Power FM facility and a full power FM Class C facility. The distance between WJXC-LP and WFCA is 126.1 kilometers, for a short-spacing of 3.9 kilometers. Thus, it is concluded that FM Channel 300LP100 is not available at Applicant's requested location.

FM Channel 257LP100, by contrast, is fully-spaced from Applicant's requested antenna site towards all stations except WJMI 99.7 FM (FCC Facility ID #50408) on FM Channel 259C0 at Jackson, Mississippi. Section 73.807(a)(1) of the Commission's Rules specifies a second-adjacent channel minimum distance of 84 kilometers between a Low Power FM facility and a full power FM Class C facility. WJXC-LP and WJMI is 38.8 kilometers, for a short-spacing of 45.2 kilometers. Thus, Applicant respectfully requests a second-adjacent channel waiver between WJXC-LP and WJMI, attached hereto.

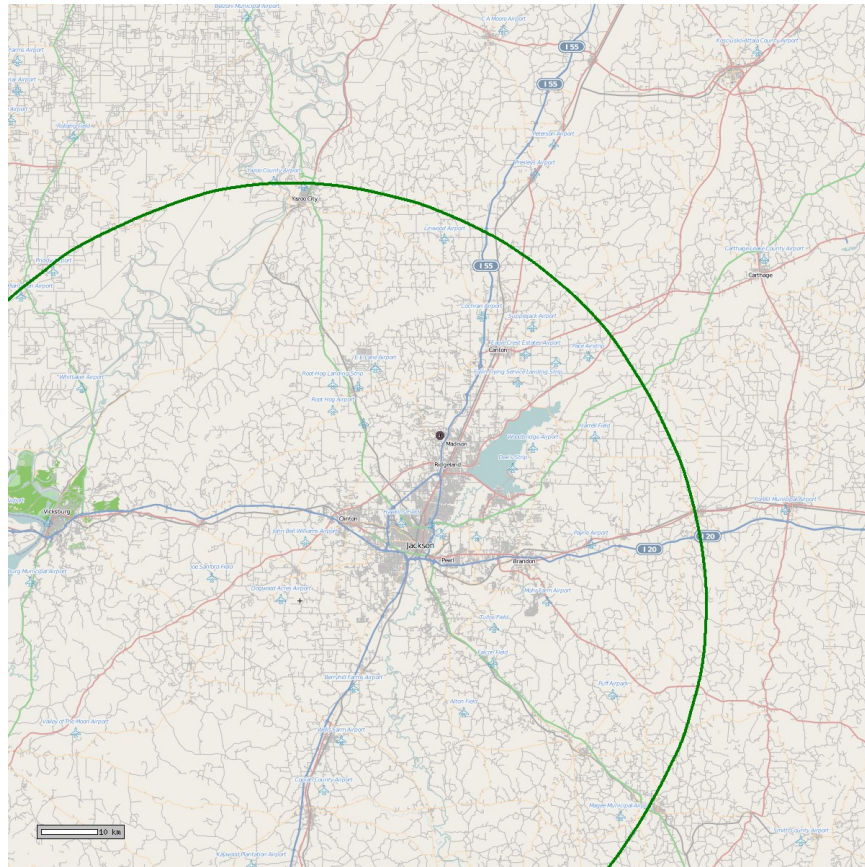


FIGURE 1: The above map depicts the F(50,50) 60 dBu primary service contour of station WJMI 99.7 FM (green) against the F(50,10) 100 dBu interfering contour of the proposed WJXC 99.3 LPFM (dark red) facility. Although WJXC-LP would be located within WJMI's primary service area, no actual interference is predicted to occur to WJMI, per the attached second-adjacent channel waiver request.