

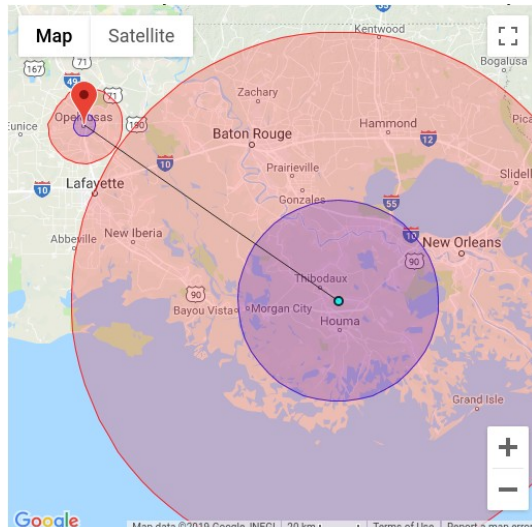
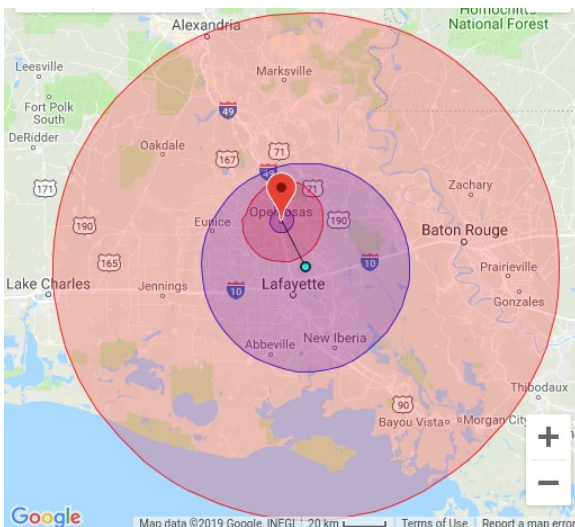
§73.870(a)(1) Non-adjacent Interference Showing

KOCZ-LP requests a non-adjacent channel change from the licensed channel 279 to channel 235 under §73.870(a)(1) and offers the instant reduced-interference showing.

Co-channel KLWB-FM is severely short spaced, by 67km, to KOCZ-LP on channel 279, putting an f(50,10) signal of 75 dBu and a f(50,50) signal of 74 dBu at the KOCZ-LP location. By the standard U/D method, KOCZ-LP is expected to have only a 1.1km interference-free radius.

In contrast, the worst incoming interference on channel 235 to KOCZ-LP is 36 dBu f(50,10) from co-channel WGUO which is also fully spaced enough that even the interference contours do not overlap each other. This by the U/D method would predict an interference-free radius for KOCZ-LP of 6.9 kilometers – far superior to the situation on channel 279.

The maps below show the interference contours in red, and service contours in blue of the two stations with the smallest contours belonging to the LPFM. On the left is channel 279 and the right, 235.



Based on this showing of reduced interference, KOCZ-LP respectfully request this non-adjacent channel change request be classified as a minor modification.