

W258CC
Facility ID: 155833

DISPLACEMENT EXHIBIT

W258CC will be "displaced" by the upgraded WCON-FM first adjacent channel facility requested in application BPH-20140723AEB which proposes to modify WCON-FM from a Class C2 station to a Class C1 station and increasing the Effective Radiated Power of the station from its current 19,000 watts to 100,000 watts. The improved WCON-FM signal will completely encompass the permitted W258CC contour as depicted on the attached contour map.

As summarized below, W258CC cannot be modified to any adjacent or I.F. channel without causing prohibited interference to other authorized facilities or receiving heavy interference from other authorized facilities.

In light of the impending displacement, the applicant respectfully requests that the Commission grant the proposed modification of W258CC which would be a minor change in all respects with the exception of the proposed use of Channel 224.

Summary of prohibited interference conflicts at the current W258CC site considering all adjacent and I.F. channels.

Co-Channel (258)

First adjacent channel interference contour overlap to proposed WCON-FM facilities in application BPH-20140723AEB.

1st Adjacent Channels (257 and 259)

257: Co-channel interference contour overlap caused to and received from WCON-FM proposed facilities.

259: Co-channel interference contour overlap caused to WWWQ.

2nd Adjacent Channels (256 and 260)

256: 1st adjacent channel interference contour overlap caused to WCON-FM proposed facilities and co-channel interference contour overlap to the permitted facilities of W256CP.

260: 1st adjacent channel interference contour overlap caused to WPUP.

3rd Adjacent Channels (255 and 261)

255: 1st adjacent channel interference contour overlap caused to W254CJ.

261: Co-channel interference contour overlap caused to WPUP

I.F. Channel

205: Co-channel interference contour overlap caused to WMSL

Therefore prohibited contour overlap will occur on all adjacent and I.F. channels. There is no adequate minor change solution to modify W258CC to prevent prohibited overlap and interference to the WCON-FM facilities proposed in application BPH-20140723AEB.