

K265DH Bryan, TX
Facility Id: 27704

Displacement Exhibit

Licensed translator K265DH will be “displaced” by the new co-channel BNPH-20120110AER application for new FM radio station to serve Wheelock, Texas. The new Wheelock FM will receive co-channel interference from the existing K265DH facility. As summarized below, K265DH cannot even be modified to more than 10 watts ERP (currently licensed for 250 watts ERP), on any adjacent or I.F. channel without causing prohibited interference to other facilities. In light of the impending displacement, the applicant respectfully requests that the Commission grant the proposed modification of K265DH, which would be a minor change in all aspects with the exception of the proposed use of the Channel 225.

Summary of prohibited interference conflicts at the current K265DH site at only **10-watts ERP**, considering all adjacent and I.F. channels:

Co-Channel (265): co-channel interference contour overlap caused to BNPH-20120110AER.

1st Adjacent Channels

264: 1st adjacent interference contour overlap caused to BNPH-20120110AER.

266: 1st adjacent interference contour overlap caused to BNPH-20120110AER.

2nd Adjacent Channels

267: 2nd adjacent interference contour overlap caused to BNPH-20120110AER. Interference caused to 3rd adjacent KBXT.

263: 2nd adjacent interference contour overlap caused to BNPH-20120110AER.

3rd Adjacent Channels

268: 3rd adjacent interference contour overlap caused to BNPH-20120110AER. Interference caused to 2nd adjacent KBXT. Interference to I.F. channel KAMU-FM.

262: 3rd adjacent interference contour overlap caused to BNPH-20120110AER.

I.F. Channels

211: 1st adjacent interference to KLGS

212: 3rd adjacent interference to KAMU-FM. 2nd adjacent interference to KLGS.

Therefore, even at 10-watts ERP from the existing K265DH facility antenna site, there would be prohibited contour overlap on all adjacent and I.F. channels. There is no adequate minor change solution to modify K265DH to prevent prohibited overlap to BNPH-20120110AER and retain any significant amount of the existing K265DH service area.