

Channel Study

Compliance with 47 C.F.R. 73.207

The proposed facility meets all minimum distance separation requirements with regard to co-channel, first, second, or third adjacent channel stations, and those separated by 53/54 channels, except the licensed facilities of the following station:

Station	Channel	City of License	Facility ID	Distance Short-Spaced
WGH-FM	247B	Newport News, VA	72102	.5km

This application proposes contour protection (47 C.F.R. 73.215. 47 C.F.R. 73.215(e)) for WGH-FM.

The minimum separation requirement between a class B and a class C2 facility (WGH-FM and WYND), which are first adjacent channels, is 145 km. Exhibit 25-B shows that WGH-FM is separated from the proposed facility by 168.0 km.

Therefore, the proposed facility is permitted to use contour protection toward the short-spaced facility (See Exhibit 34 for compliance with contour protection requirements).

KCMY.P Site Spacing

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REFERENCE
35 29 10.4 N.          CLASS = C2          DISPLAY DATES
75 59 58.3 W.          Current Spacings to 3rd Adj.  DATA 01-08-14
----- Channel 246 - 97.1 MHz ----- SEARCH 01-09-14

Call          Channel    Location          Azi      Dist    FCC    Margin
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WYND-FM  LIC-N   246C1  Hatteras          NC      231.8     4.12  223.5  -219.4
WGH-FM   LIC     247B  Newport News      VA      347.4    168.00 168.5  -0.50
WBZJ     LIC     245C0  Goldsboro         NC      267.7    194.16 175.5   18.7
WKJX     LIC     244C2  Elizabeth City    NC        8.1     80.32  57.5   22.8
WGTI     LIC-N   249C2  Winfall           NC     344.0     95.27  57.5   37.8
1591219  APP     243L1  Williamston       NC     293.6    104.01  52.5   51.5
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All separation margins include rounding

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