

Contour Protection To WGH-FM

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. Exhibit 34A shows compliance with contour protection requirements.

Educational Media Foundation

FMCommander Single Allocation Study - 01-09-2014 - NGDC 30 SEC
WYND-FM's Overlaps (In= 0.0 km, Out= 0.0 km)

WYND-FM CH 246 C2 73.215 N
Lat= 35 29 10.4, Lng= 75 59 58.3
29.0 kW 200 M HAAT, 200 M COR
Prot.= 60 dBu, Intef.= 48 dBu

WGH-FM CH 247 B BMLH19851227KC
Lat= 36 57 47.0, Lng= 76 24 42.0
74.0 kW 120 M HAAT, 123 M COR
Prot.= 54 dBu, Intef.= 54 dBu

