

Exhibit 12: Fig 4 W229CG vs WHBC-FM  
W229CG Cleveland, Ohio 229D

FMCommander Single Allocation Study - 11-20-2016 - NGDC 30 SEC  
W229CG's Overlaps (In= 54.28 km, Out= 0.8 km)

W229CG CH 229 D

Lat= 41 26 50.0, Lng= 81 35 27.0  
0.019 kW 34.6 m HAAT, 293 m COR  
Prot.= 60 dBu, Intef.= 94 dBu

WHBC-FM CH 231 B BMLH19880406KA

Lat= 40 53 53.0, Lng= 81 19 07.0  
45.0 kW 157 m HAAT, 509 m COR  
Prot.= 54 dBu, Intef.= 100 dBu

