

Exhibit 12: Fig 4 W229CG vs WQGR  
W229CG Cleveland, Ohio 229D

FMCommander Single Allocation Study - 12-20-2015 - NGDC 30 SEC  
W229CG's Overlaps (In= -37.11 km, Out= 9.73 km)

W229CG CH 229 D  
Lat= 41 29 01.0, Lng= 81 36 02.0  
0.019 kW 42.1 m HAAT, 285 m COR  
Prot.= 60 dBu, Intef.= 40 dBu

WQGR CH 229 A 73.215 N BLH20130722ABG  
Lat= 41 44 48.8, Lng= 81 04 48.8  
6.0 kW 79 m HAAT, 322.8 m COR  
Prot.= 60 dBu, Intef.= 40 dBu

