

Exhibit 12: Fig 3 W272DI vs WJVR magnified  
W272DI Roanoke, Virginia 270D

FMCommander Single Allocation Study - 01-23-2016 - NGDC 30 SEC  
W272DI's Overlaps (In= -20.13 km, Out= 0.57 km)

W272DI CH 270 D DA  
Lat= 37 15 01.0, Lng= 79 56 00.0  
0.13 kW 188.2 m HAAT, 568 m COR  
Prot.= 60 dBu, Intef.= 40 dBu

WJVR CH 270 A BLH20121018AAA  
Lat= 37 47 35.0, Lng= 79 55 59.0  
0.56 kW 322 m HAAT, 876 m COR  
Prot.= 60 dBu, Intef.= 40 dBu

