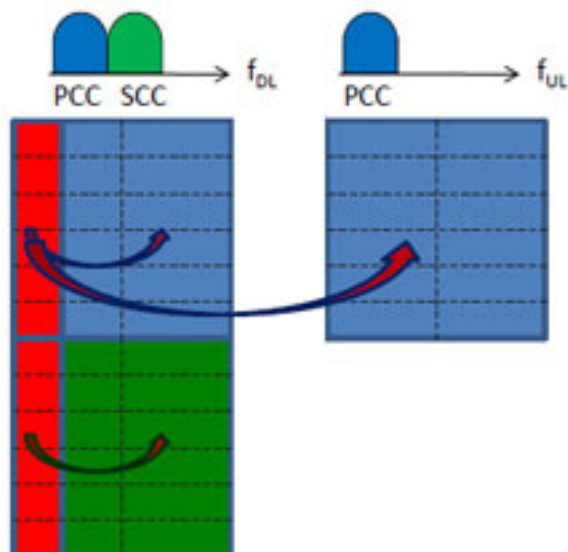


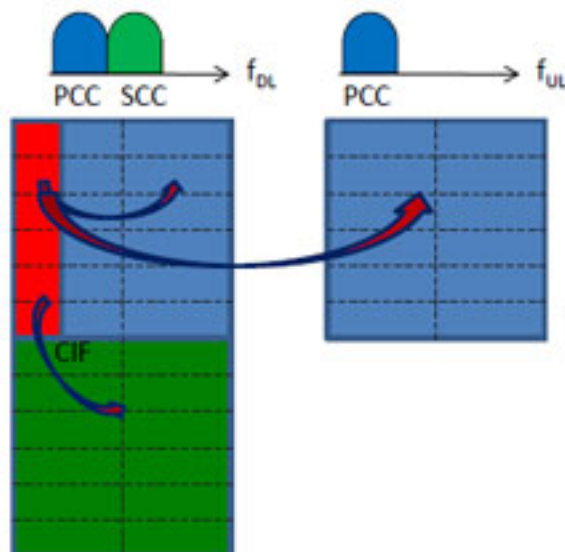
A) Scheduling grant and resource on the same carrier



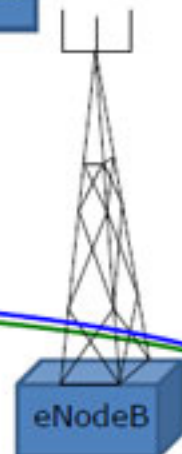
B) Cross-carrier scheduling;

Scheduling grant and resource NOT on the same carrier

-Carrier Indicator Field (CIF) on PDCCH



LTE-Advanced



Primary Serving Cell (PSC), Primary Component Carrier (PCC), RRC connection and data  
Secondary Serving Cell (SSC), Secondary Component Carrier (SCC), user data