

Figure 4-1-1 Interrelationship between BDF blend ratio and emissions of aldehydes (JE05 hot start mode)  
Vehicle A

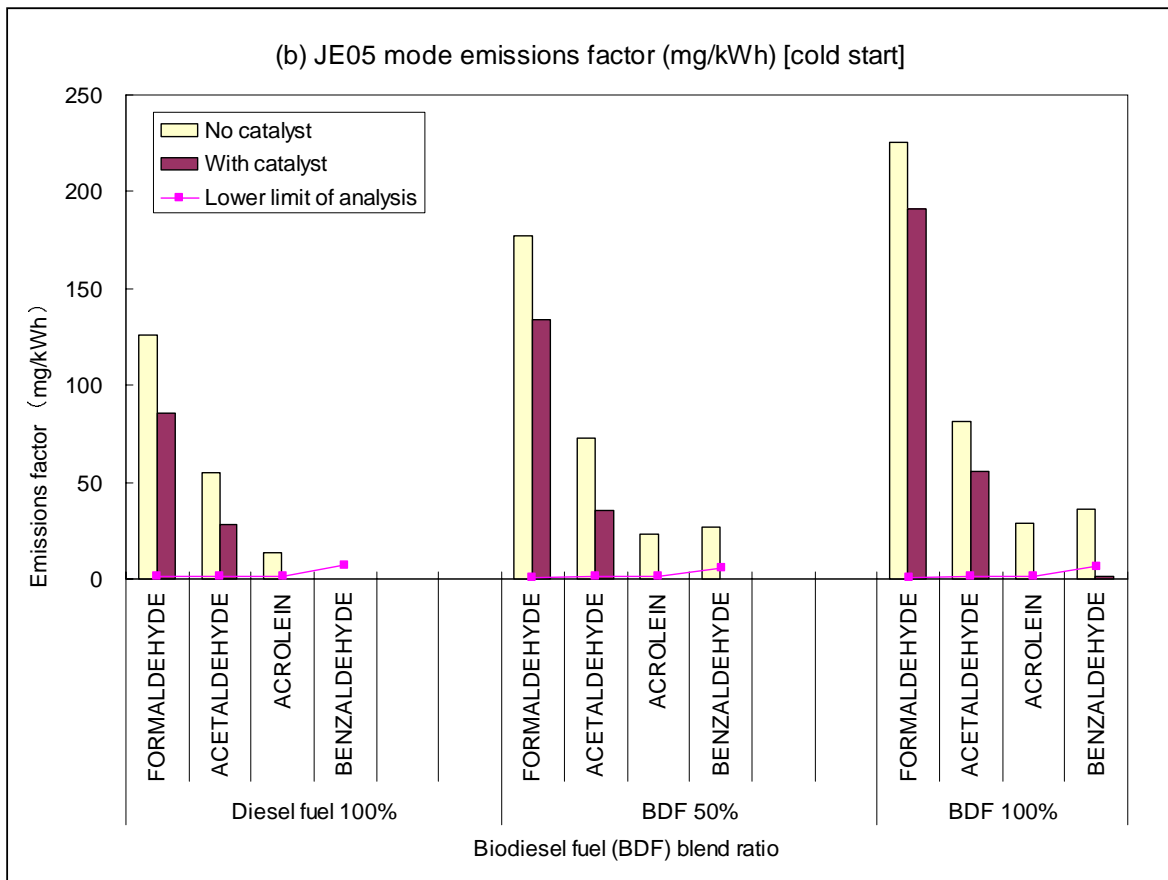
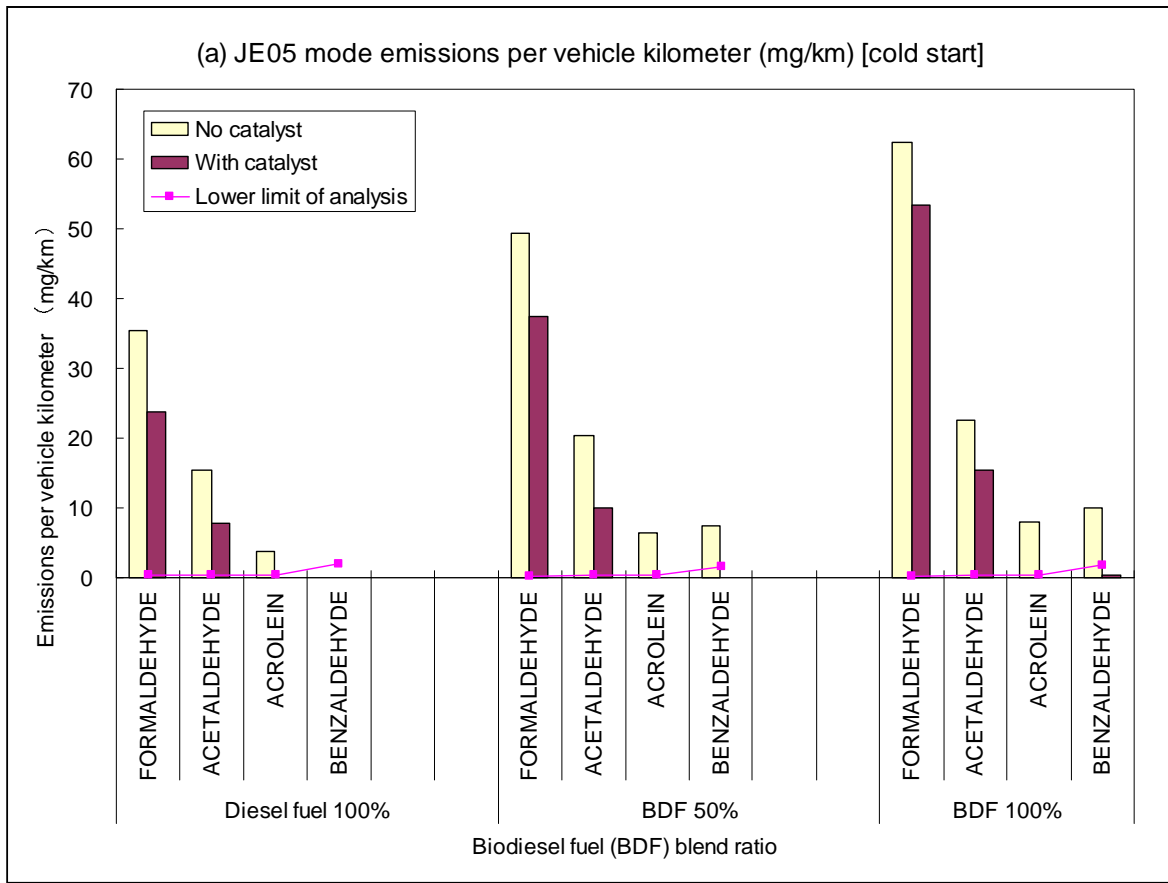


Figure 4-1-2 Interrelationship between BDF blend ratio and emissions of aldehydes (JE05 cold start mode)  
Vehicle A

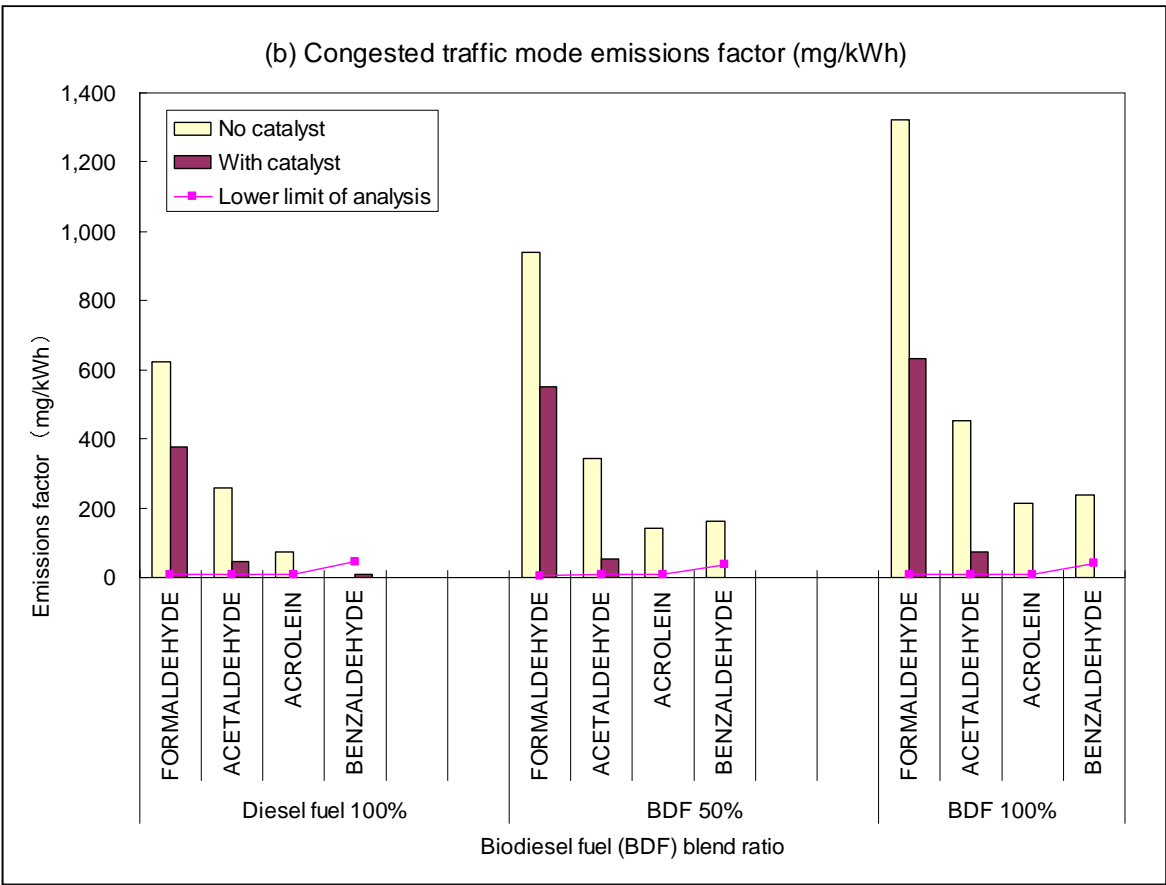
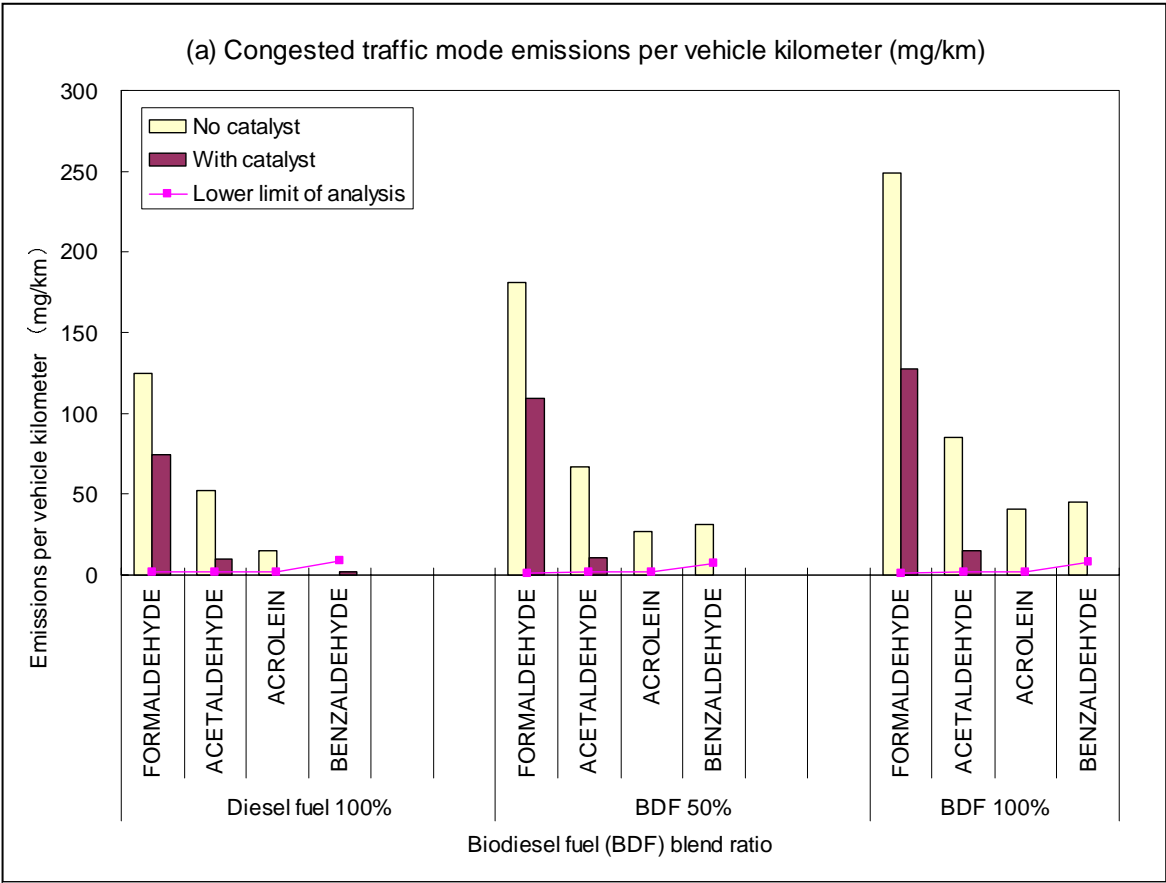
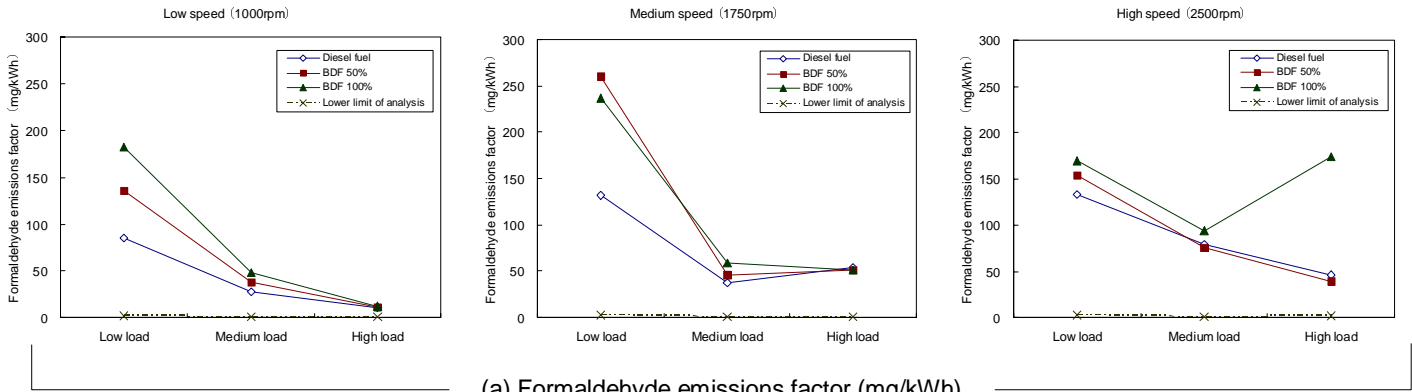
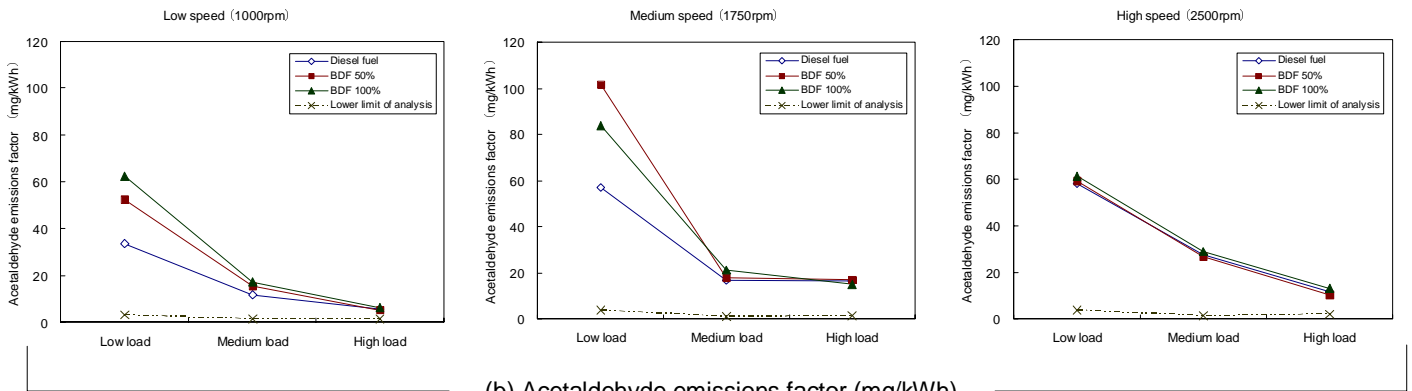


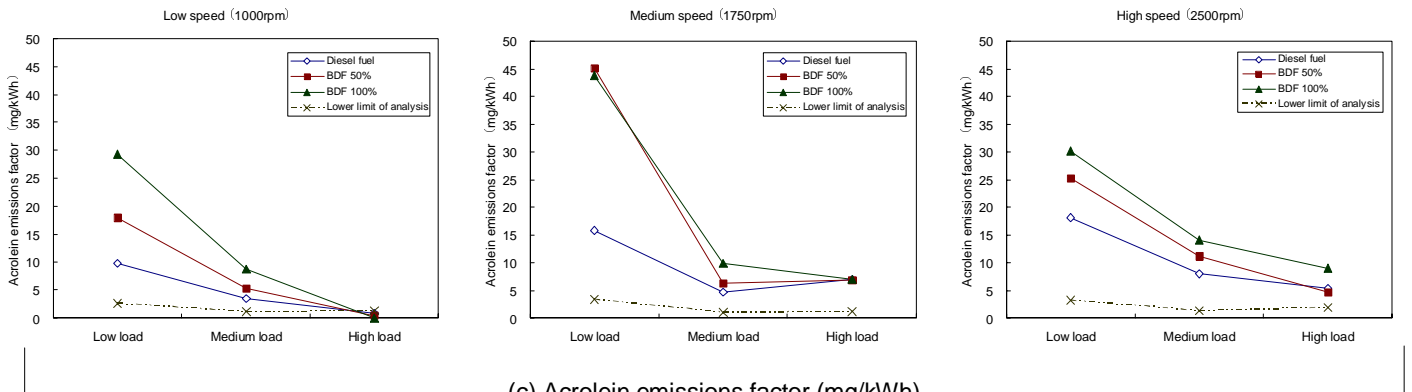
Figure 4-1-3 Interrelationship between BDF blend ratio and emissions of aldehydes (congested traffic mode) Vehicle A



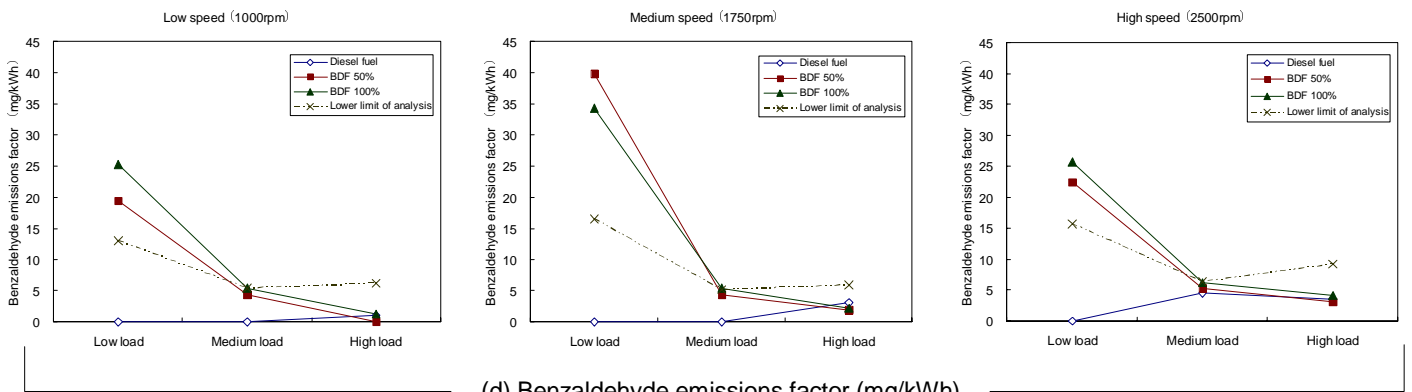
(a) Formaldehyde emissions factor (mg/kWh)



(b) Acetaldehyde emissions factor (mg/kWh)

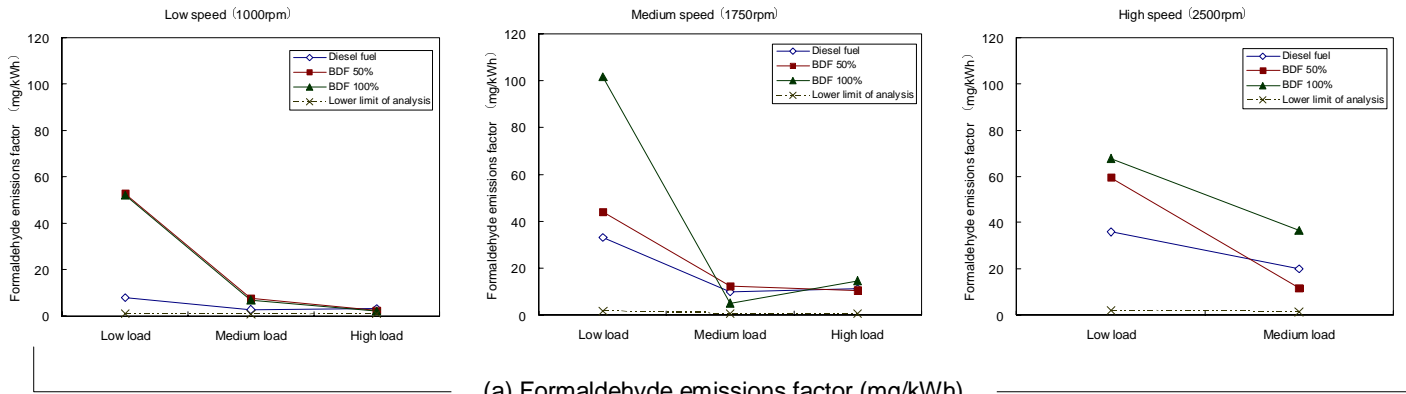


(c) Acrolein emissions factor (mg/kWh)

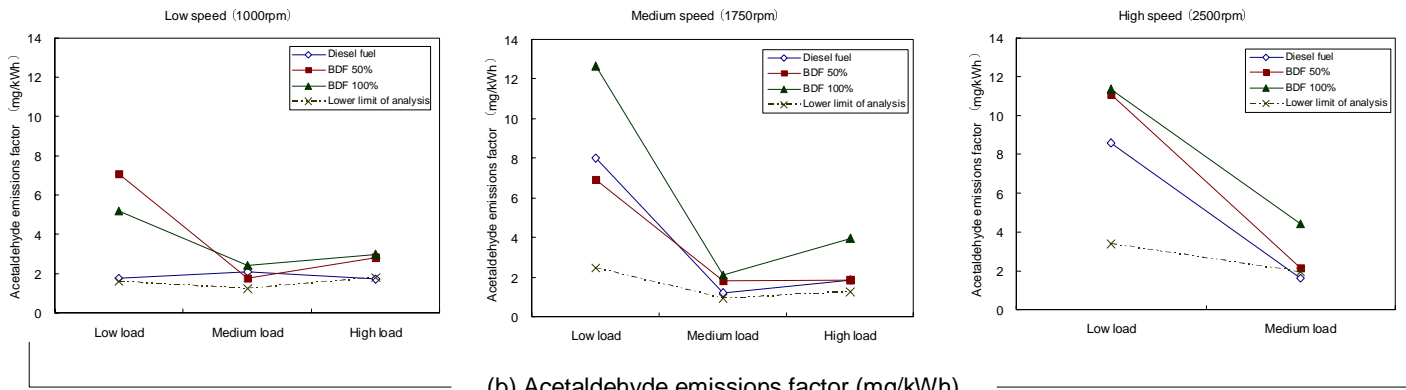


(d) Benzaldehyde emissions factor (mg/kWh)

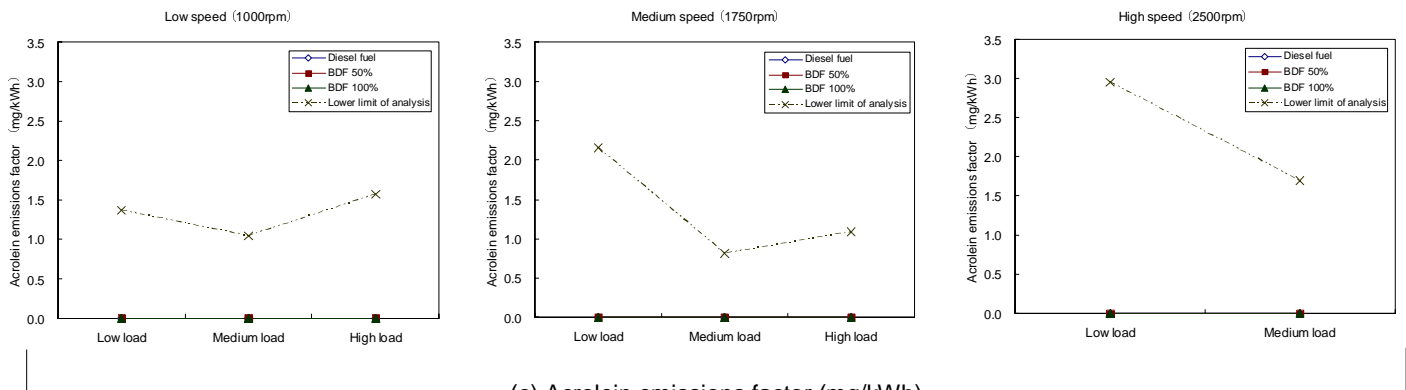
Figure 4-1-4 Interrelationship between BDF blend ratio and emissions factor for aldehydes (steady state mode: no catalyst) Vehicle A



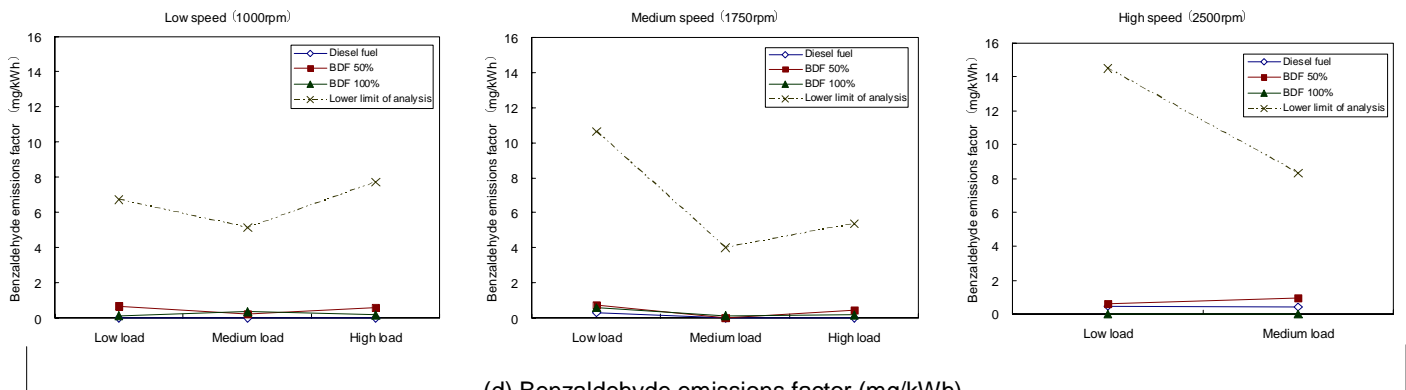
(a) Formaldehyde emissions factor (mg/kWh)



(b) Acetaldehyde emissions factor (mg/kWh)



(c) Acrolein emissions factor (mg/kWh)



(d) Benzaldehyde emissions factor (mg/kWh)

Figure 4-1-5 Interrelationship between BDF blend ratio and emissions factor for aldehydes (steady state mode: with catalyst) Vehicle A

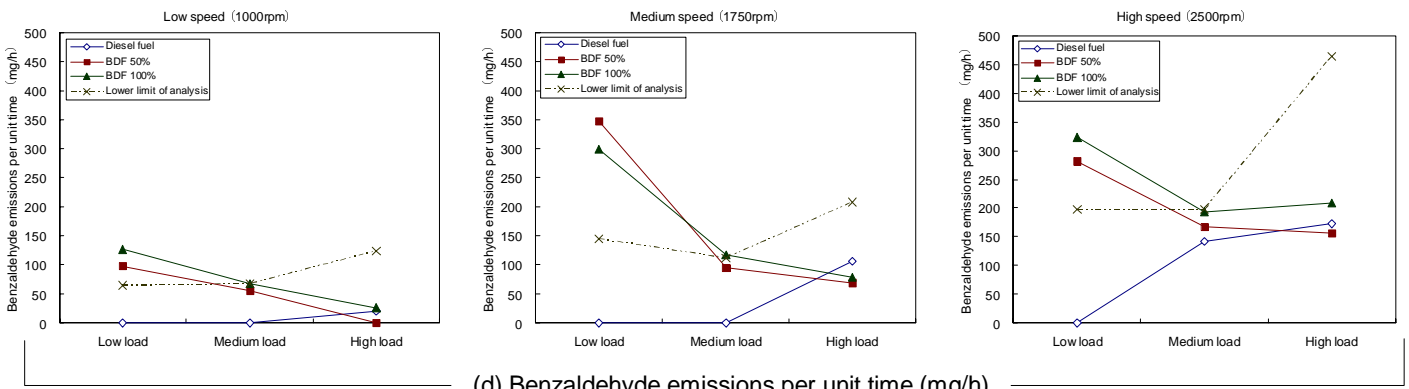
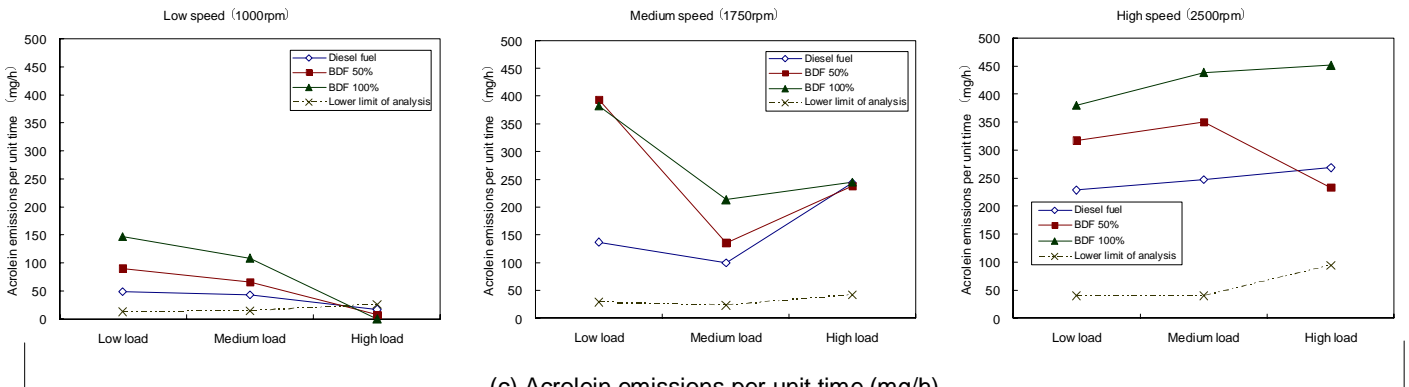
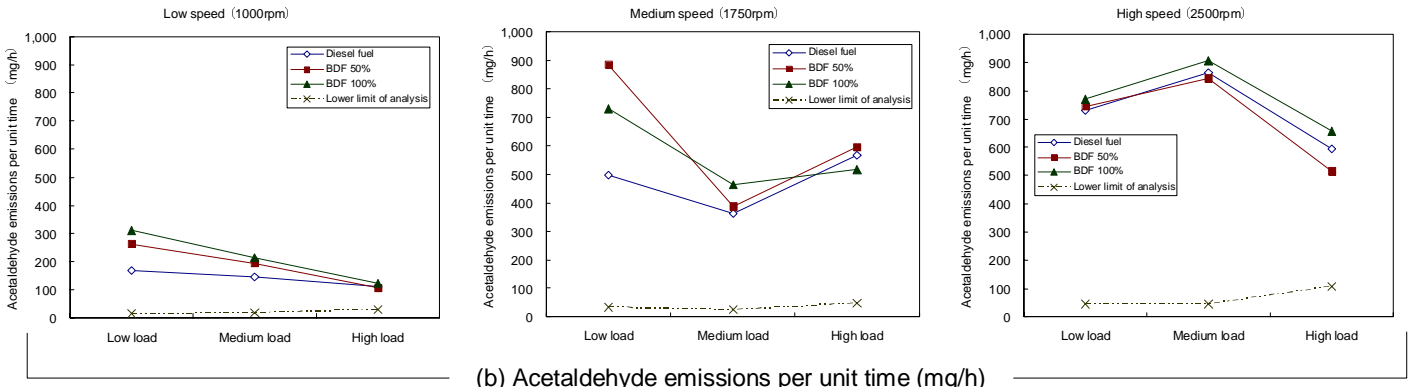
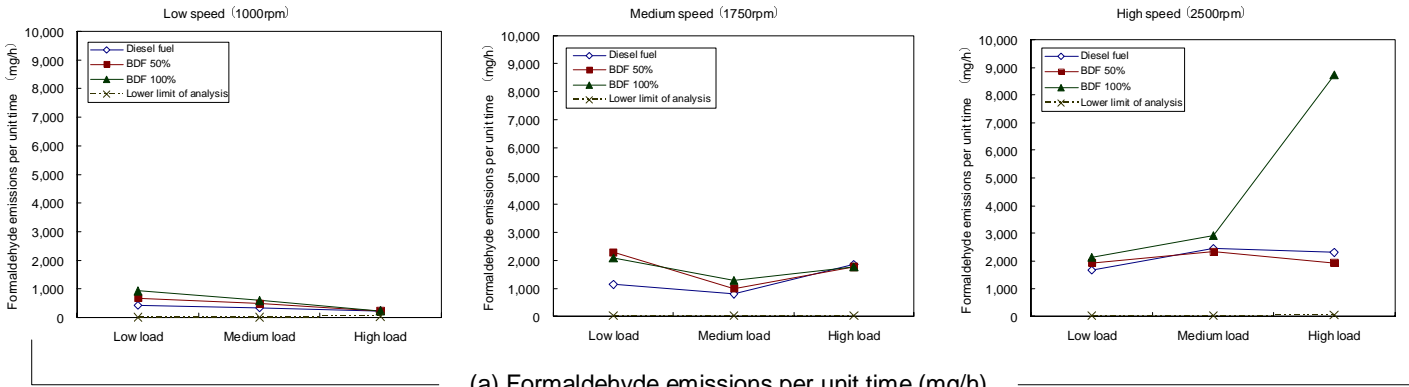
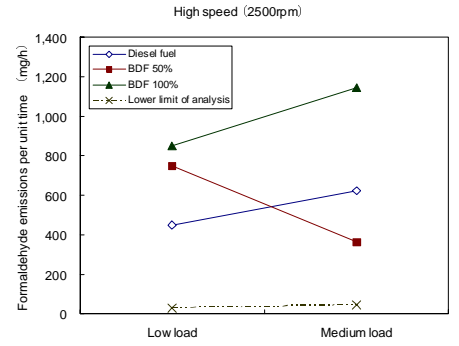
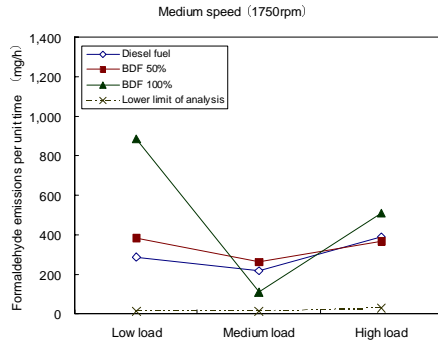
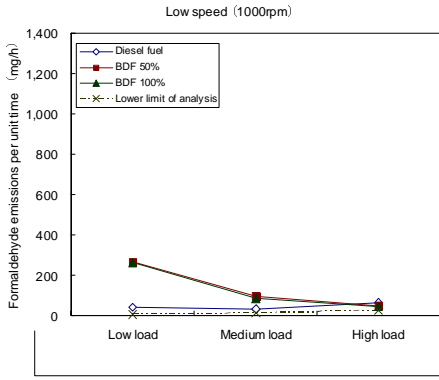
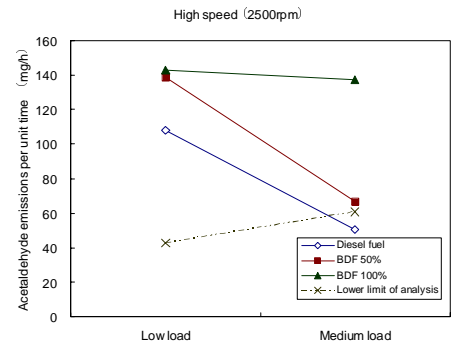
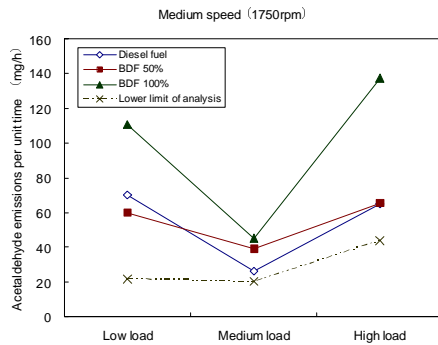
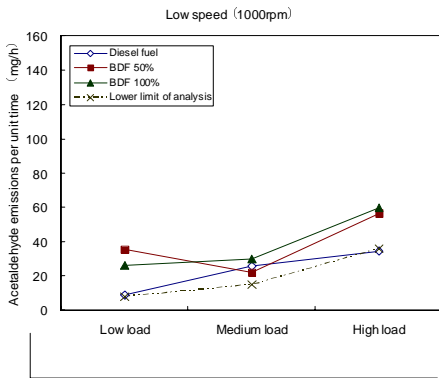


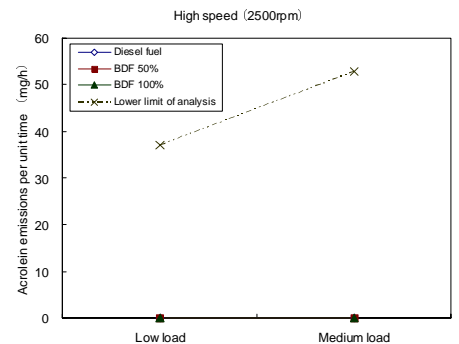
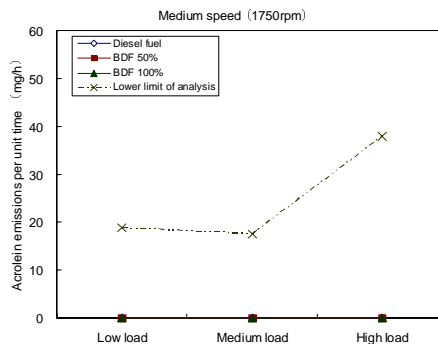
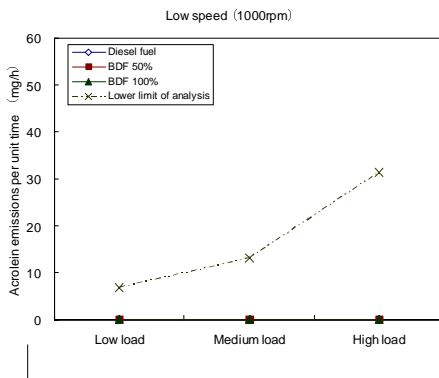
Figure 4-1-6 Interrelationship between BDF blend ratio and emissions per unit time of aldehydes (steady state mode: no catalyst) Vehicle A



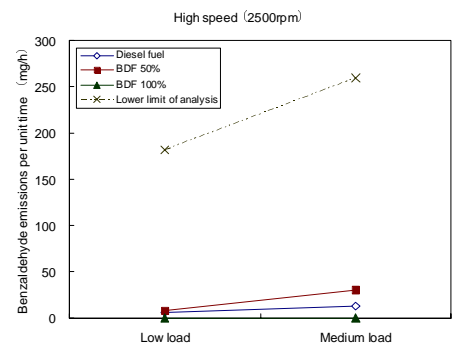
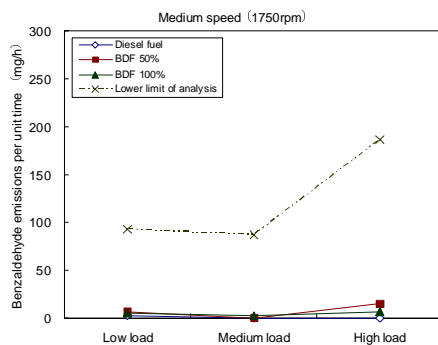
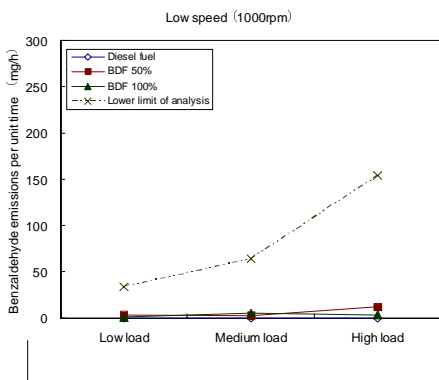
(a) Formaldehyde emissions per unit time (mg/h)



(b) Acetaldehyde emissions per unit time (mg/h)



(c) Acrolein emissions per unit time (mg/h)



(d) Benzaldehyde emissions per unit time (mg/h)

Figure 4-1-7 Interrelationship between BDF blend ratio and emissions per unit time of aldehydes (steady state mode: with catalyst) Vehicle A

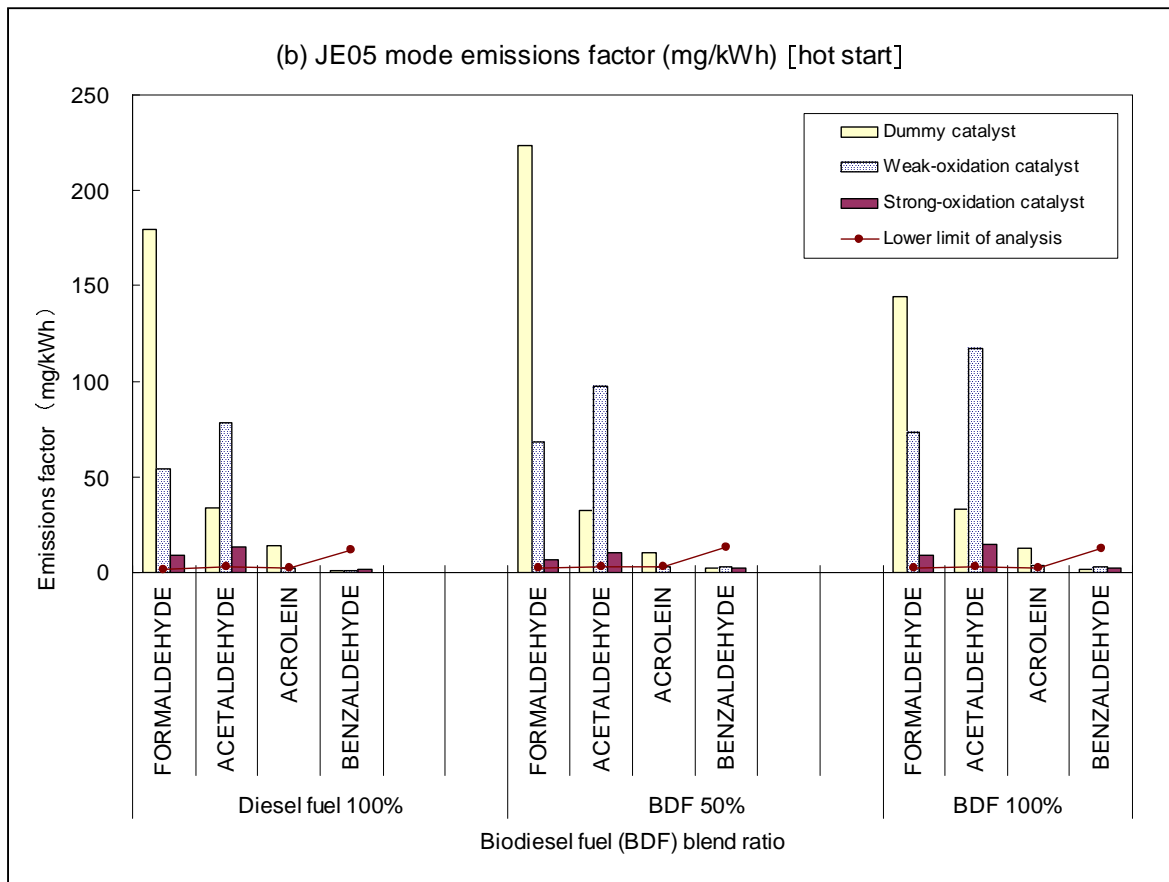
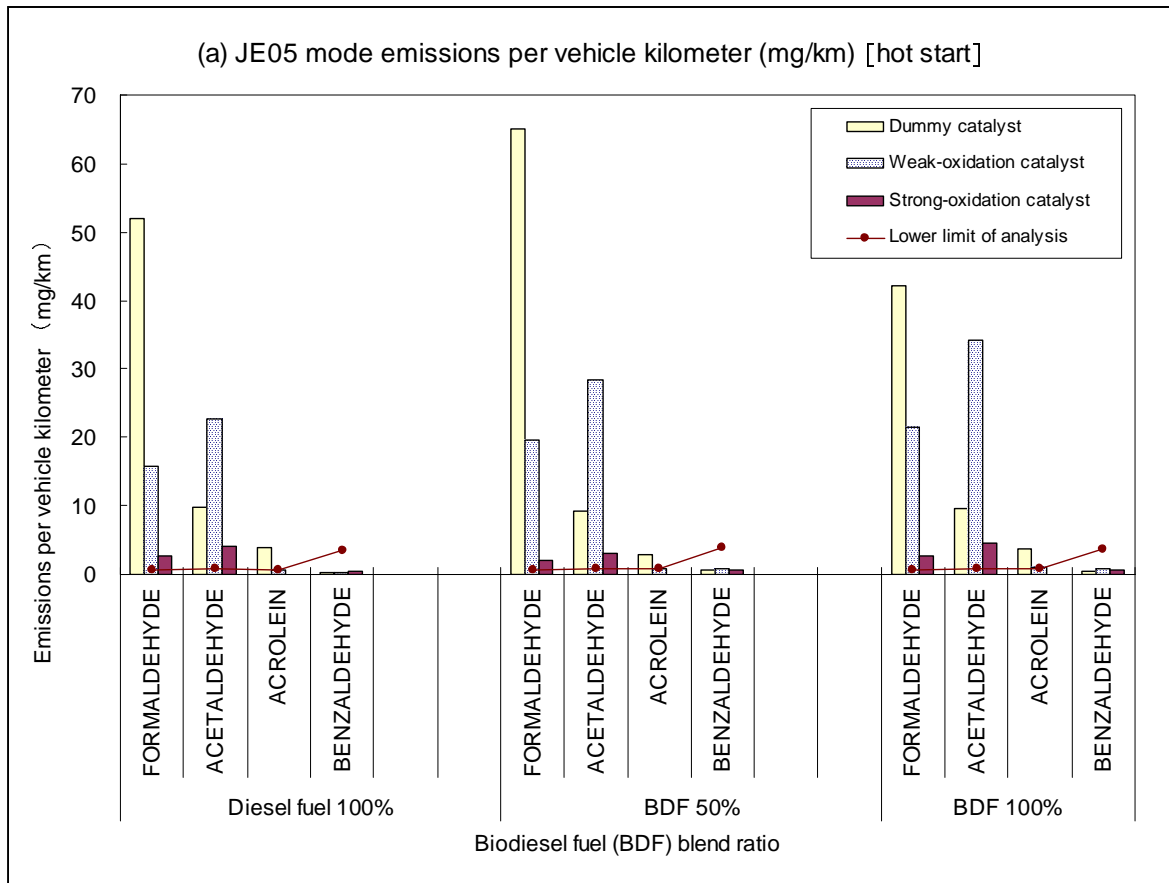


Figure 4-2-1 Interrelationship between BDF blend ratio and emissions of aldehydes (JE05 hot start mode)  
Vehicle B



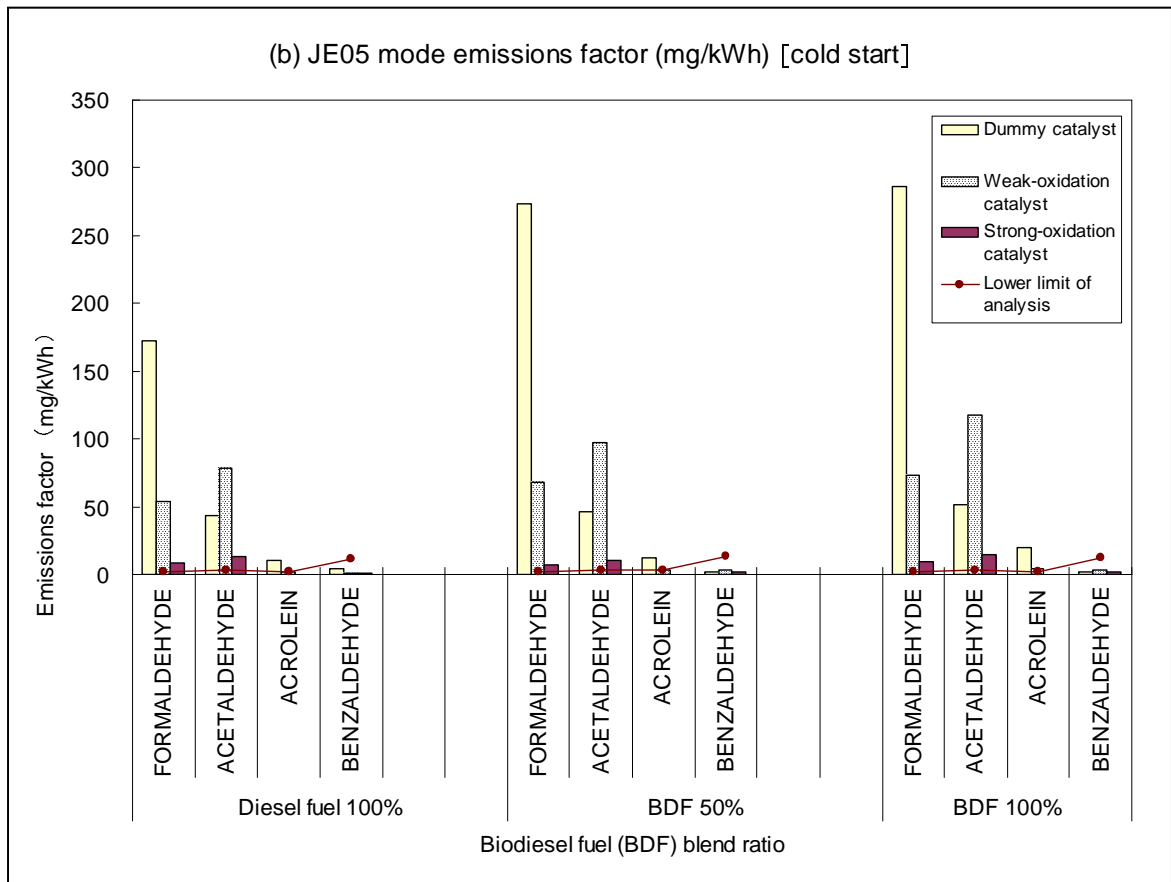
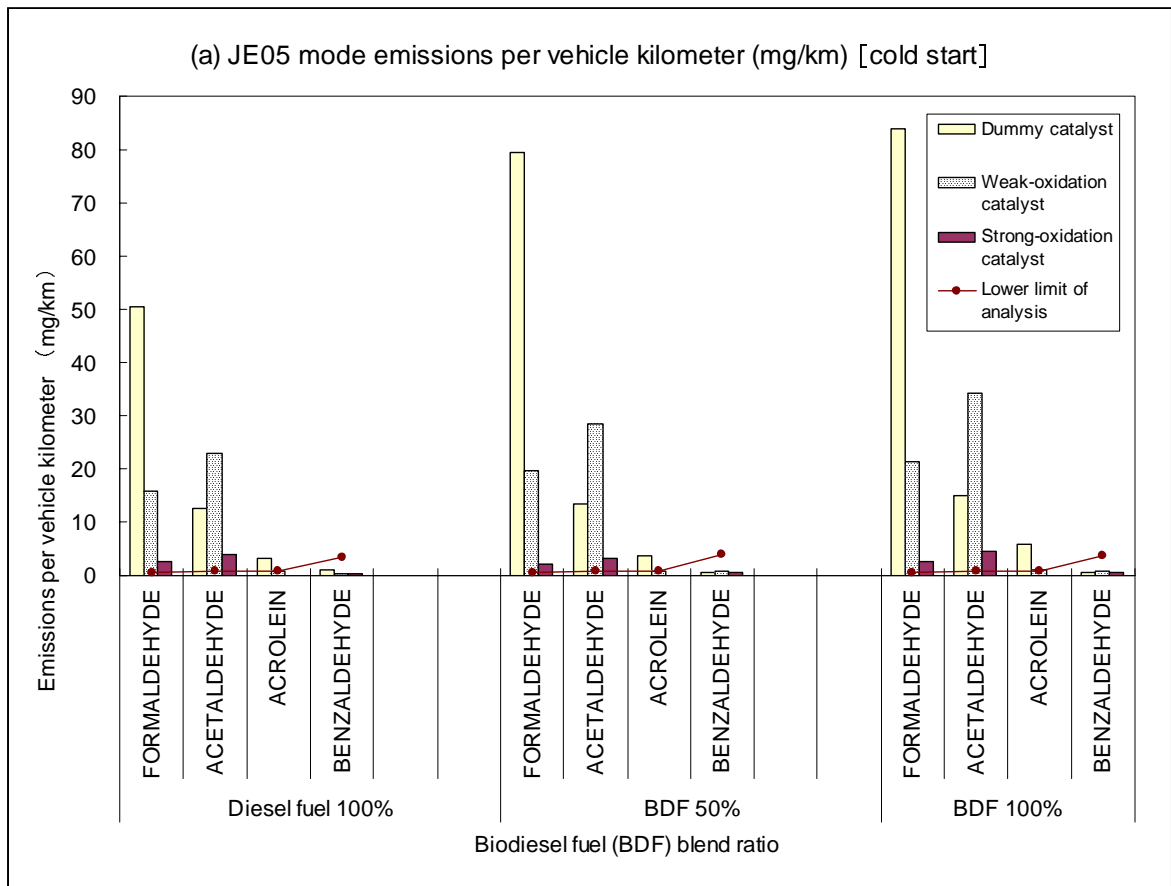


Figure 4-2-2 Interrelationship between BDF blend ratio and emissions of aldehydes (JE05 cold start mode)  
Vehicle B

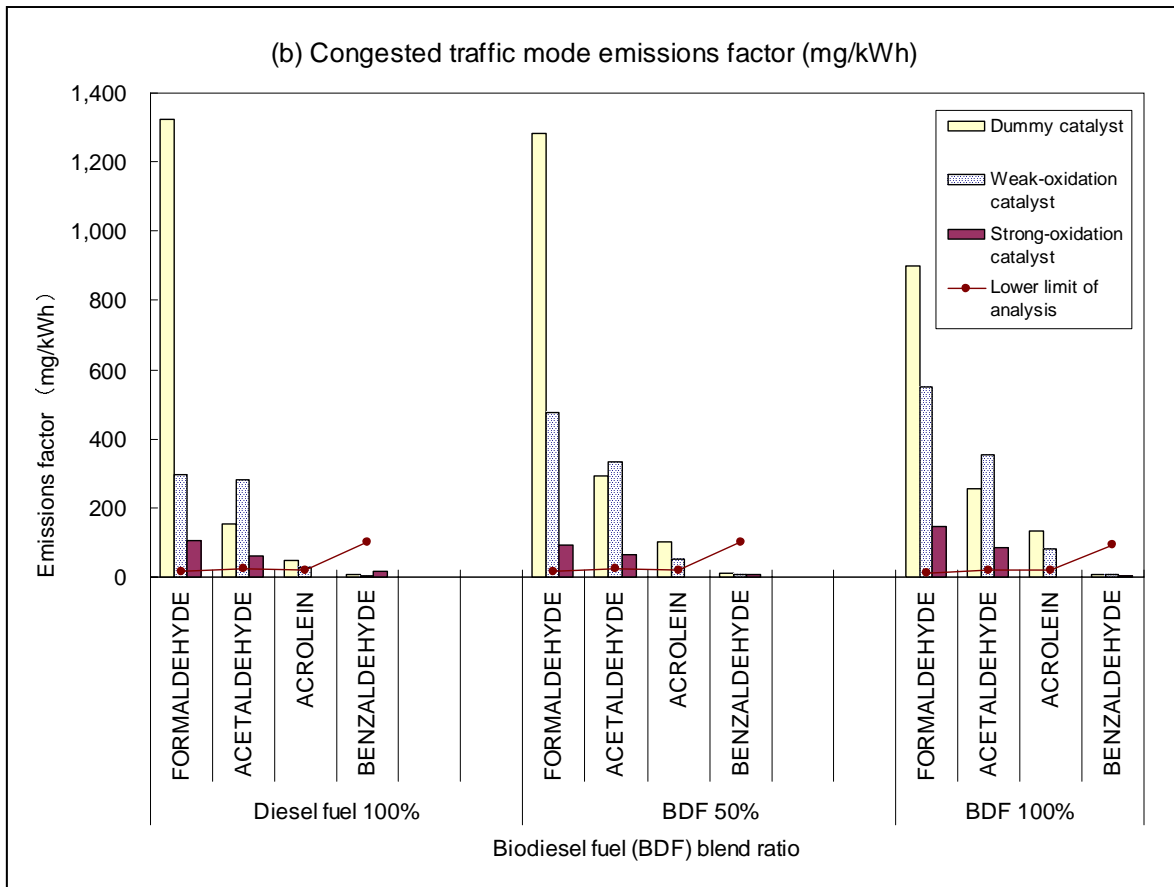
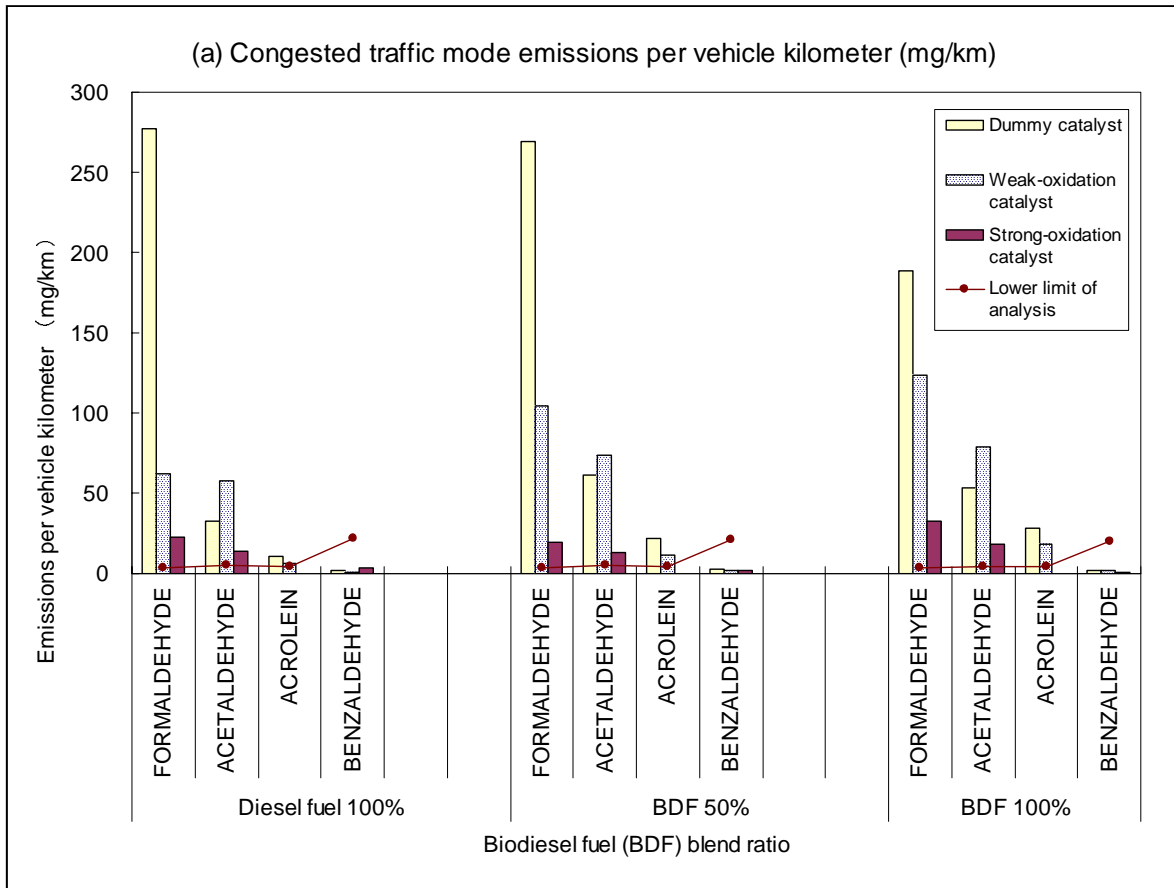


Figure 4-2-3 Interrelationship between BDF blend ratio and emissions of aldehydes (congested traffic mode) Vehicle B