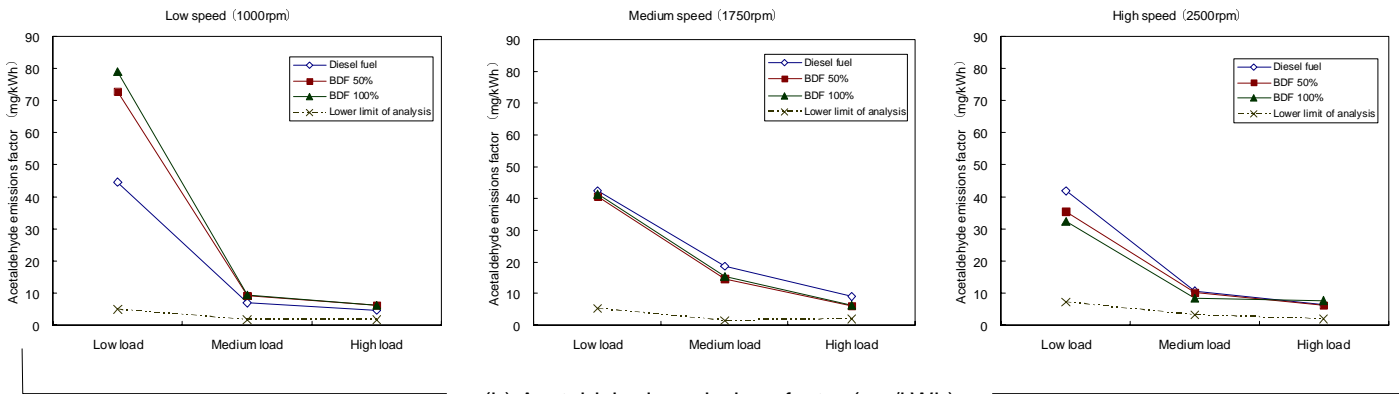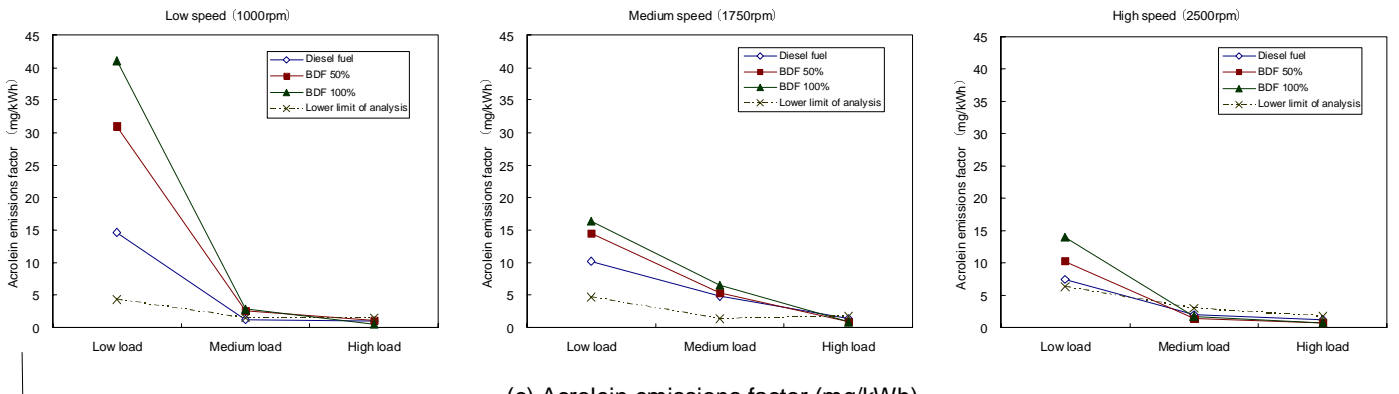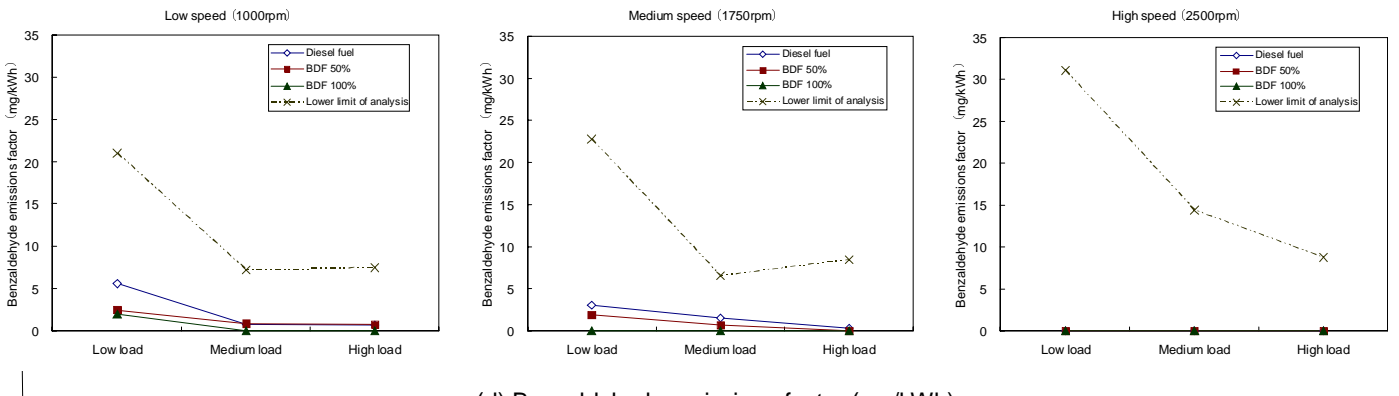(a) Formaldehyde emissions factor (mg/kWh)

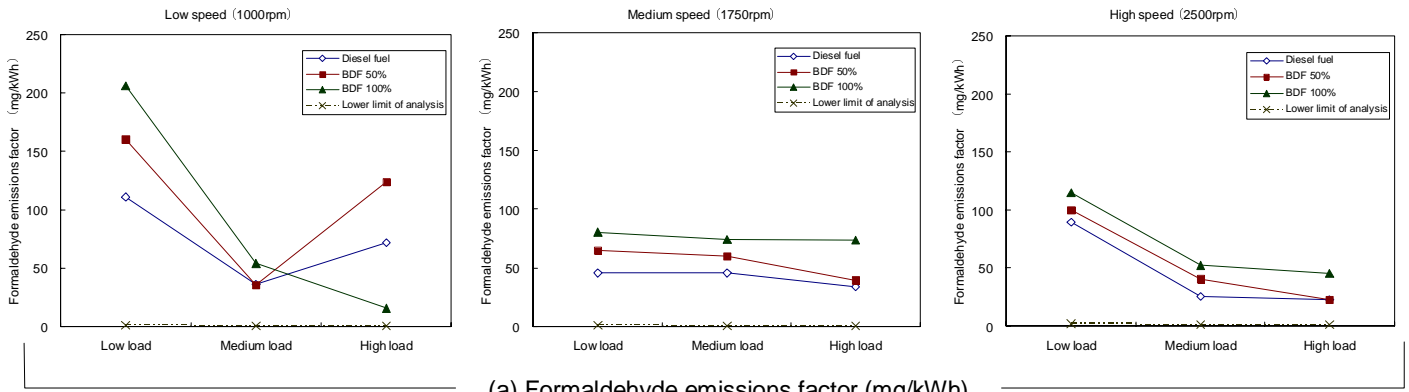(b) Acetaldehyde emissions factor (mg/kWh)

(c) Acrolein emissions factor (mg/kWh)

(d) Benzaldehyde emissions factor (mg/kWh)

Figure 4-2-4 Interrelationship between BDF blend ratio and emissions factor for aldehydes
(steady state mode: dummy catalyst)
Vehicle B

(a) Formaldehyde emissions factor (mg/kWh)

(b) Acetaldehyde emissions factor (mg/kWh)
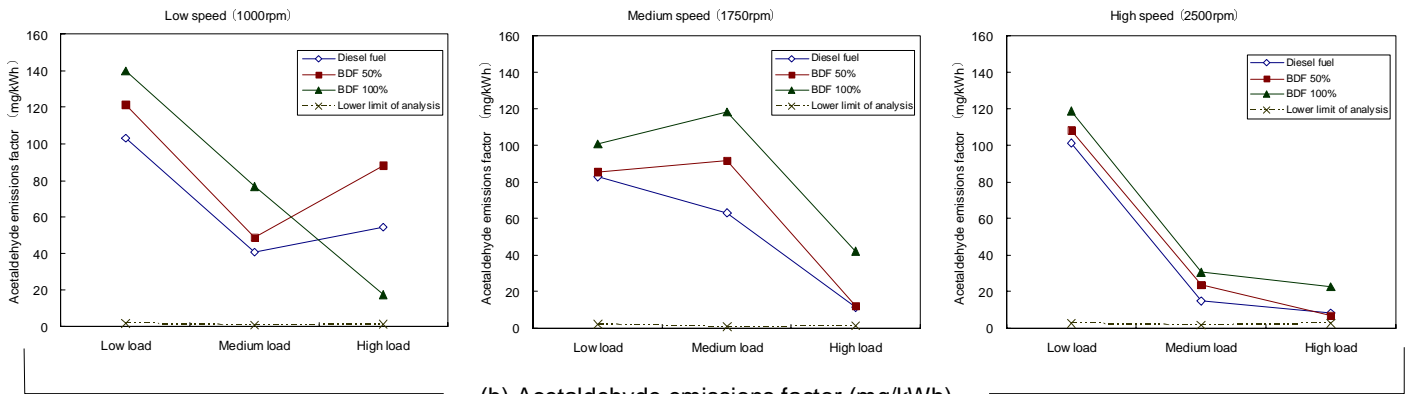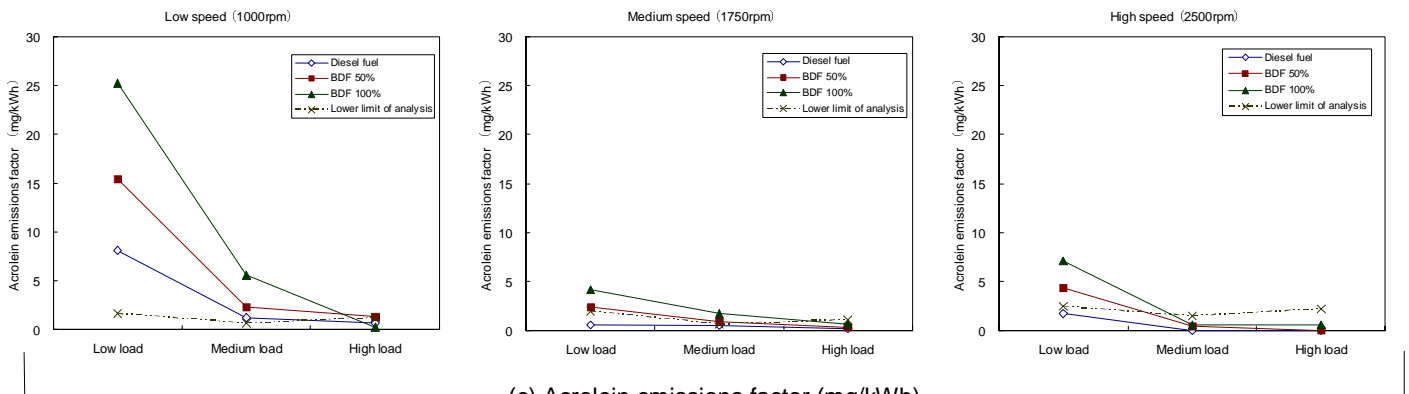
(c) Acrolein emissions factor (mg/kWh)

(d) Benzaldehyde emissions factor (mg/kWh)

Figure 4-2-5 Interrelationship between BDF blend ratio and emissions factor for aldehydes
(steady state mode: weak-oxidation catalyst)
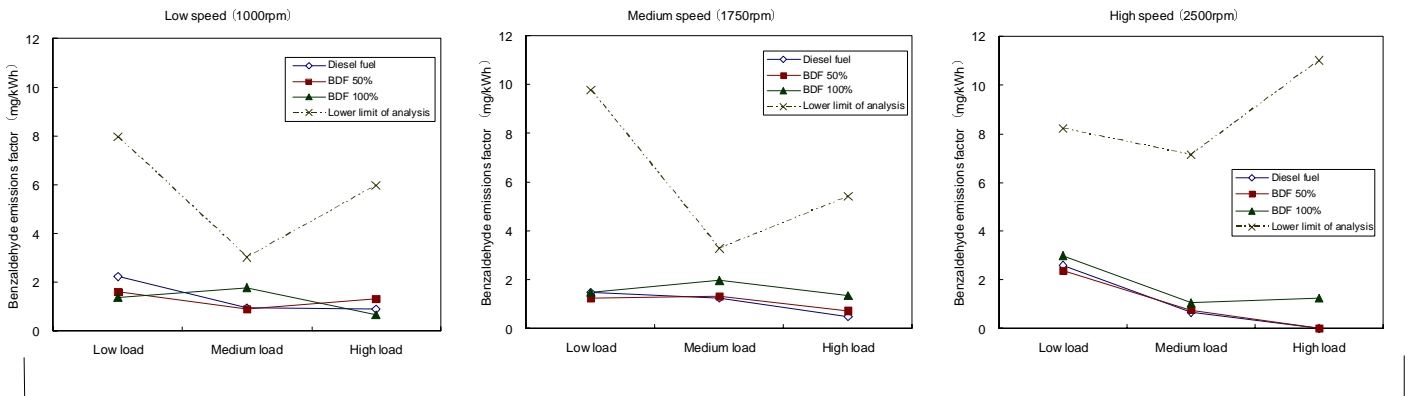Vehicle B

(a) Formaldehyde emissions factor (mg/kWh)

(b) Acetaldehyde emissions factor (mg/kWh)

(c) Acrolein emissions factor (mg/kWh)
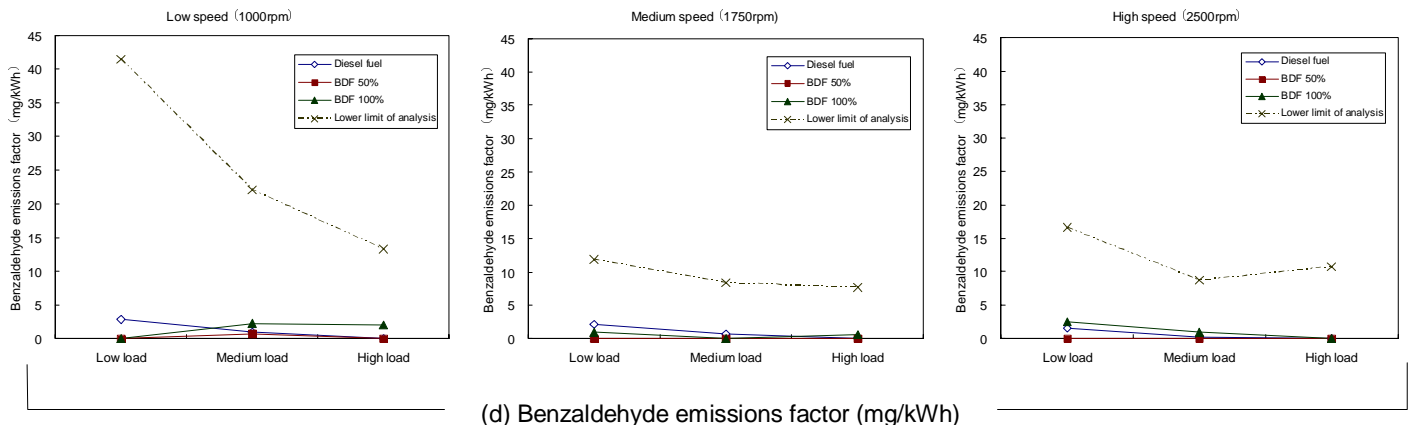

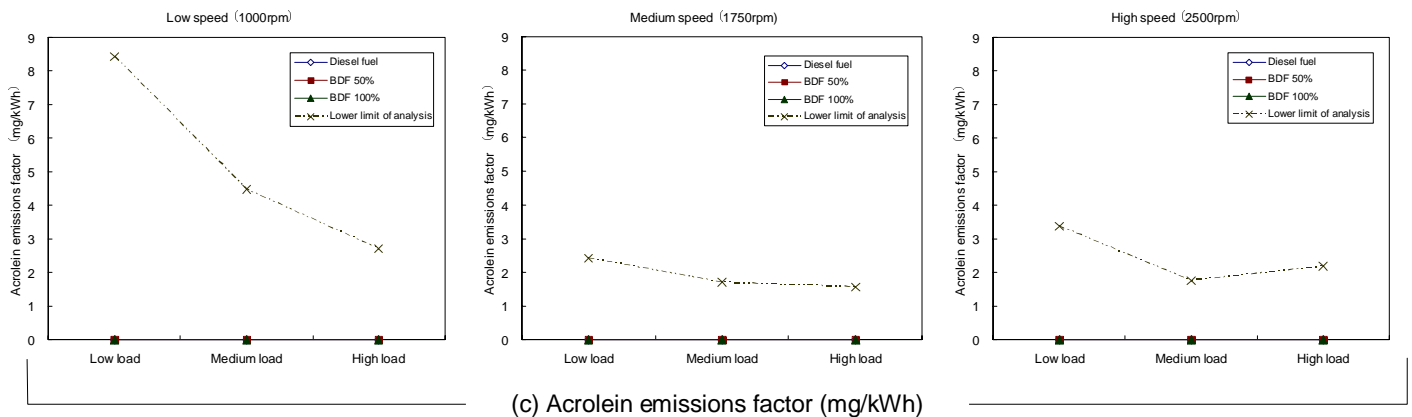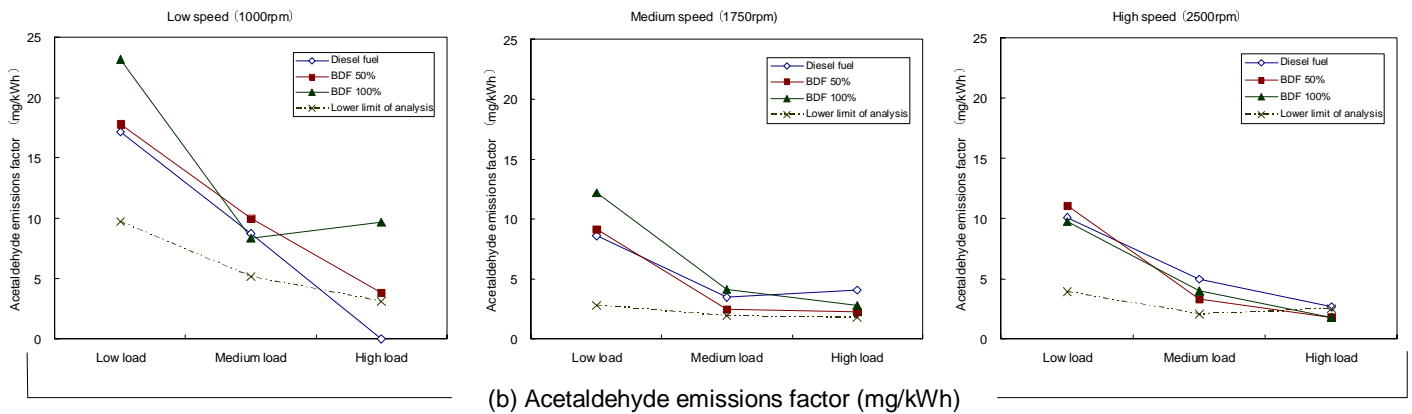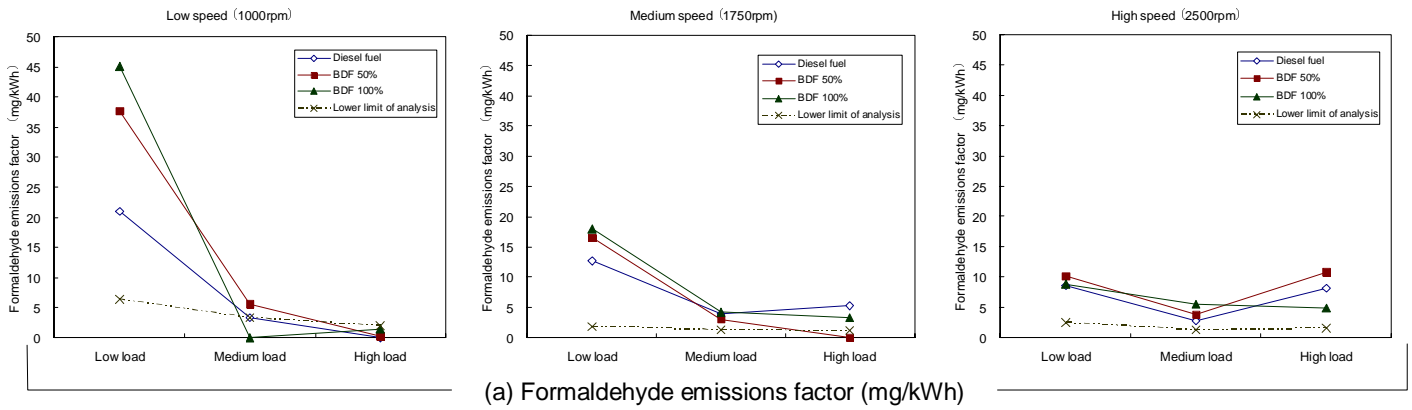(d) Benzaldehyde emissions factor (mg/kWh)

Figure 4-2-6 Interrelationship between BDF blend ratio and emissions factor for aldehydes
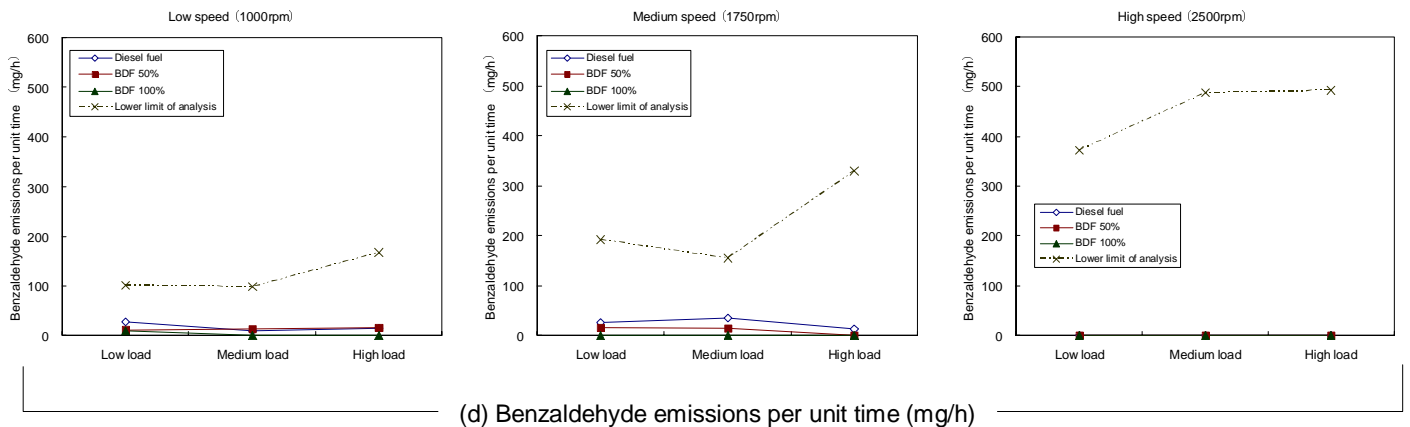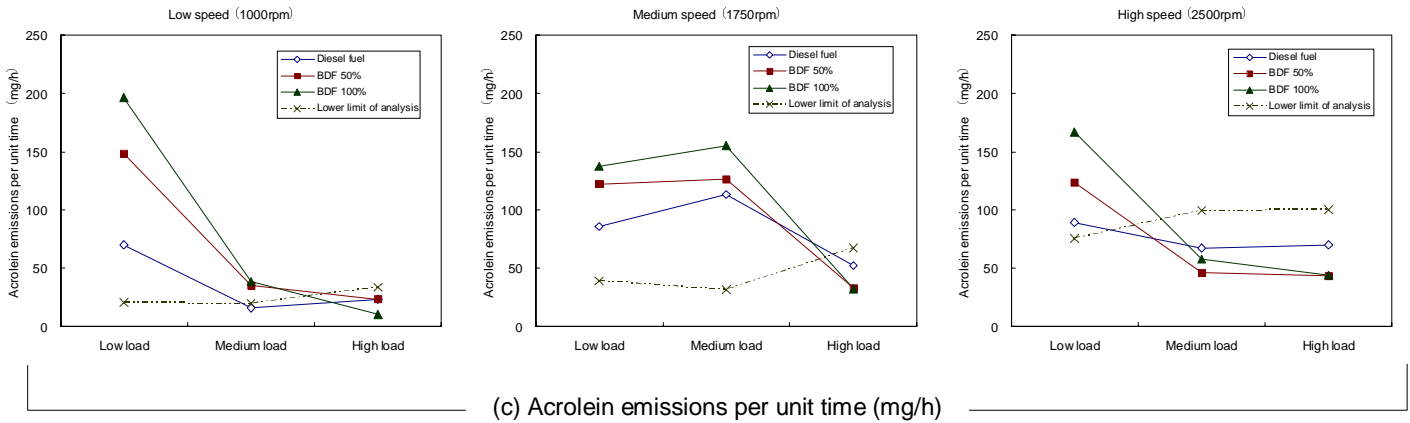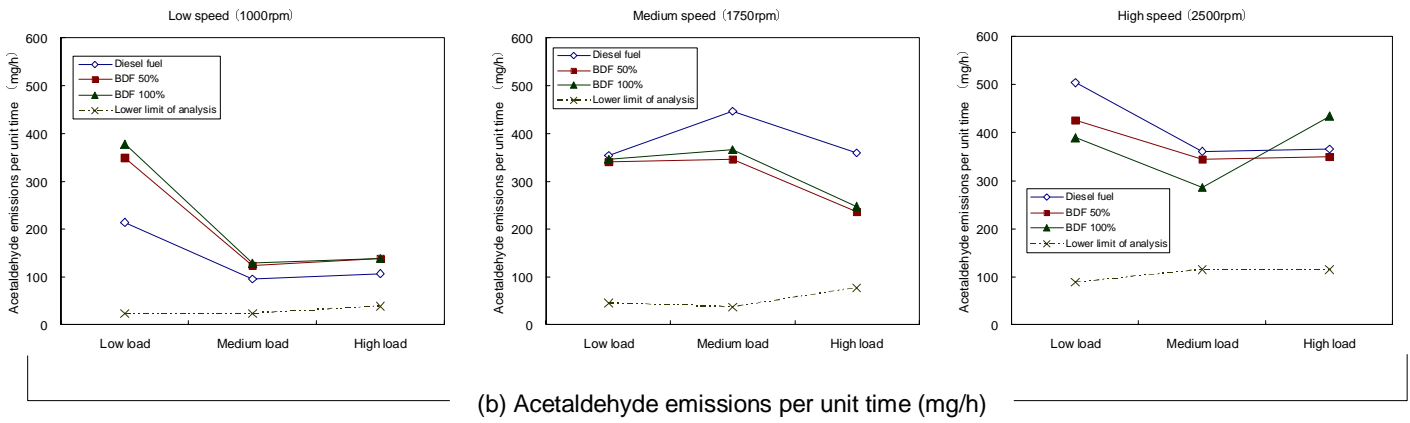(steady state mode: strong-oxidation catalyst)
Vehicle B

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

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

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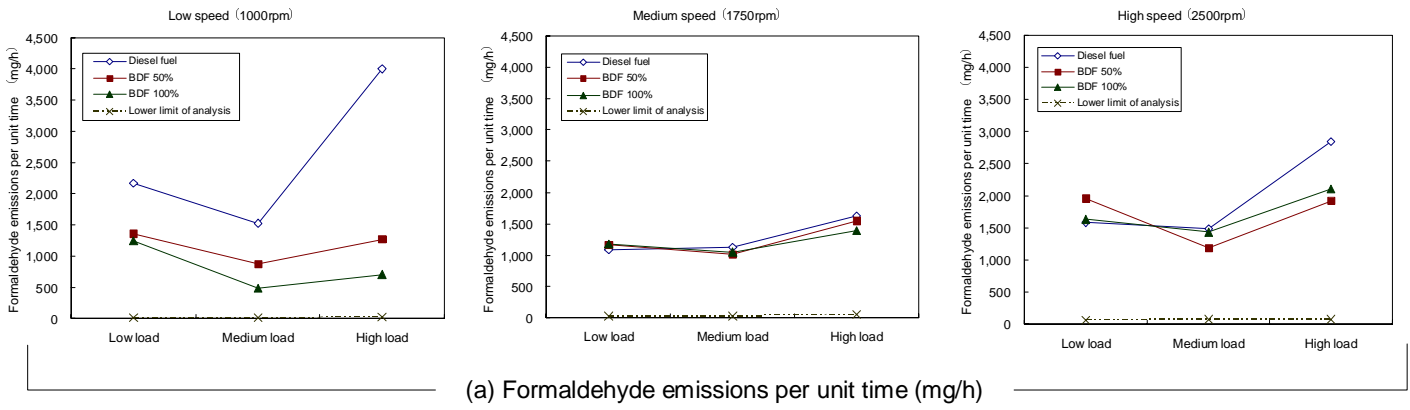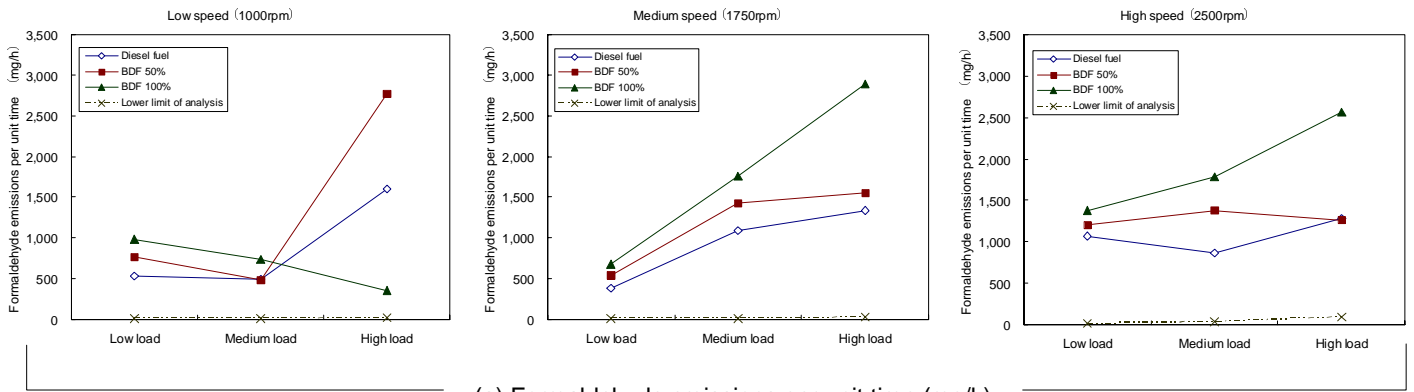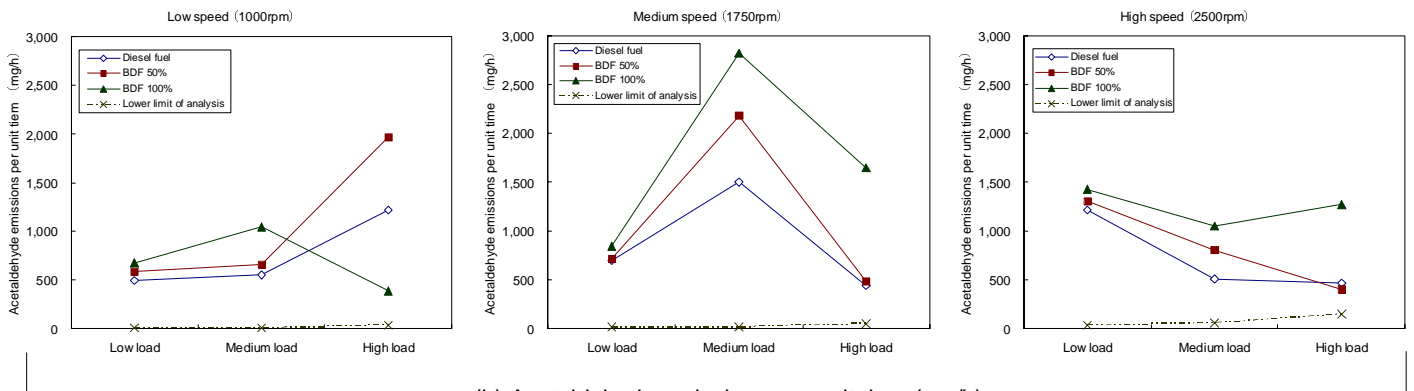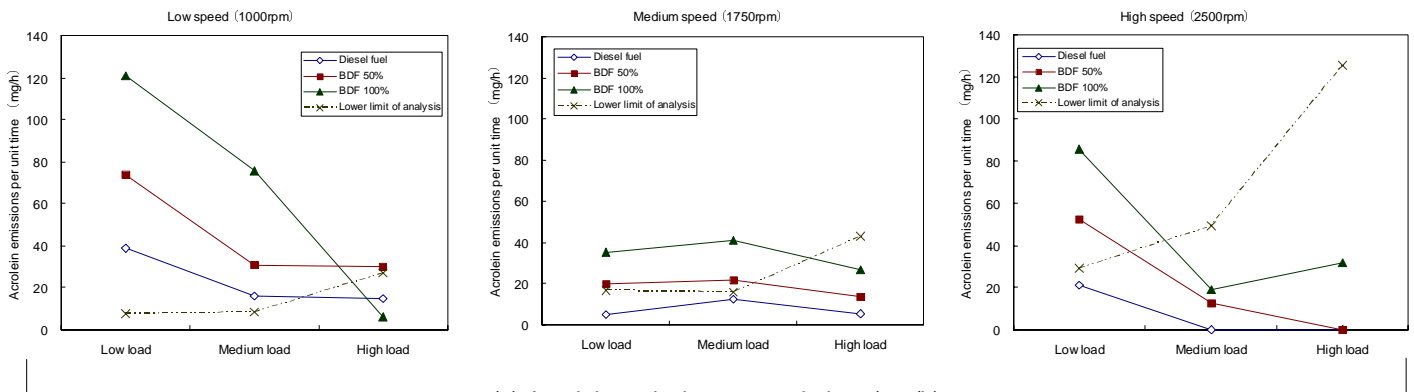

(d) Benzaldehyde emissions per unit time (mg/h)

Figure 4-2-7 Interrelationship between BDF blend ratio and emissions per unit time of aldehydes
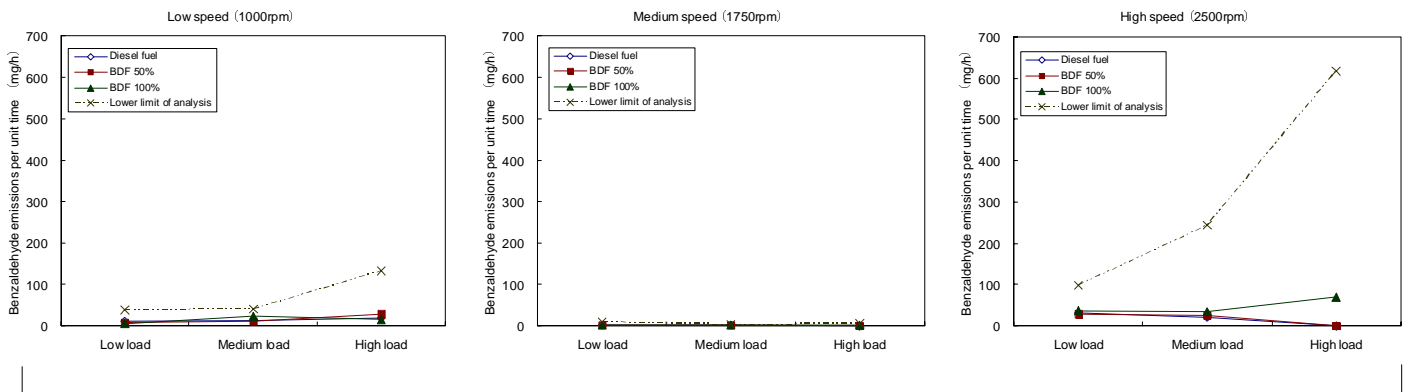(steady state mode: dummy catalyst)
Vehicle B

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

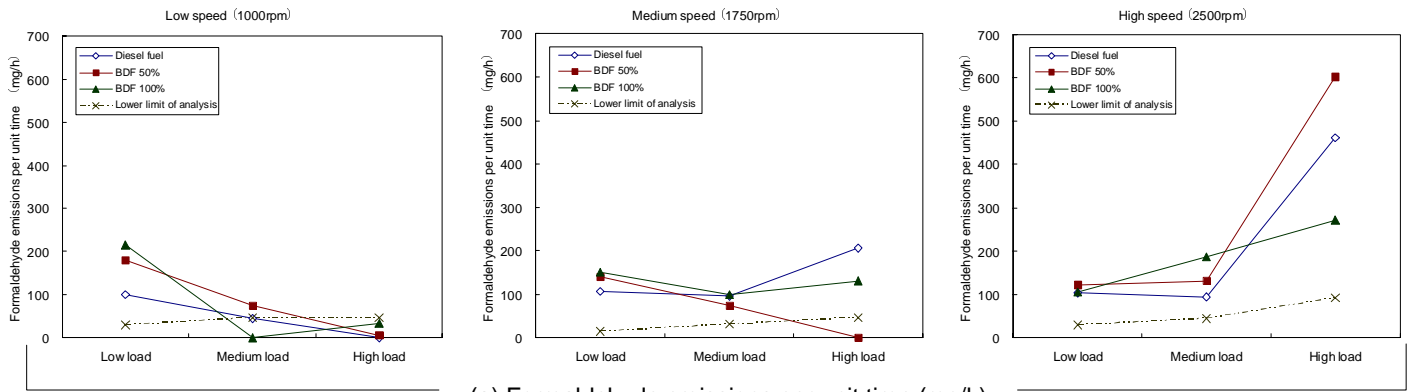(b) Acetaldehyde emissions per unit time (mg/h)

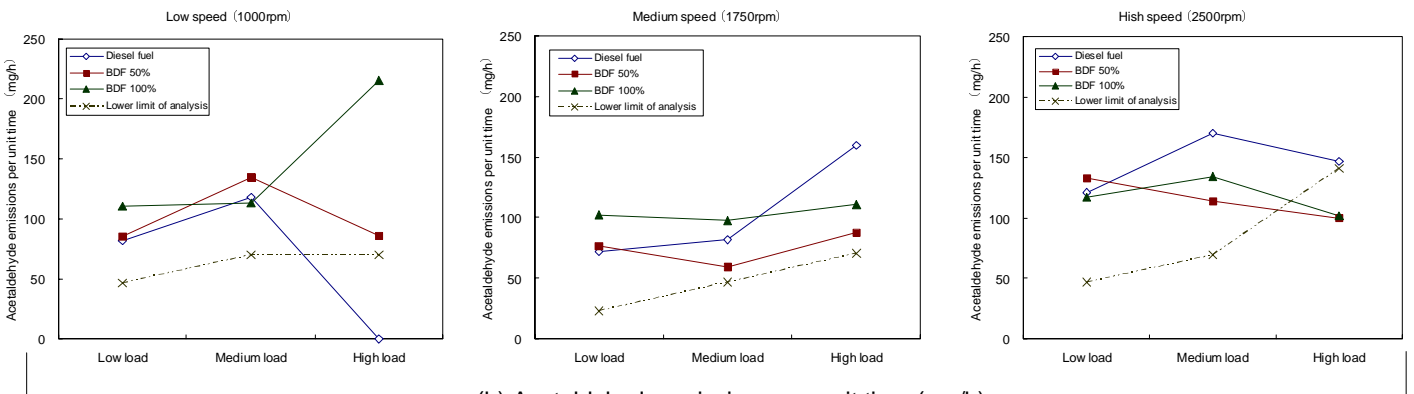(c) Acrolein emissions per unit time (mg/h)
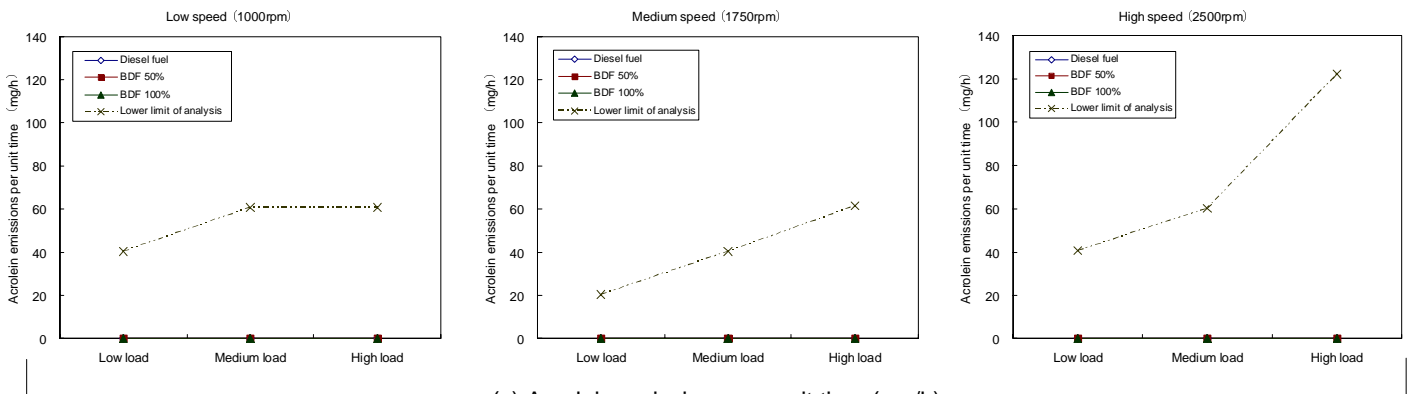

(d) Benzaldehyde emissions per unit time (mg/h)

Figure 4-2-8 Interrelationship between BDF blend ratio and emissions per unit time of aldehydes
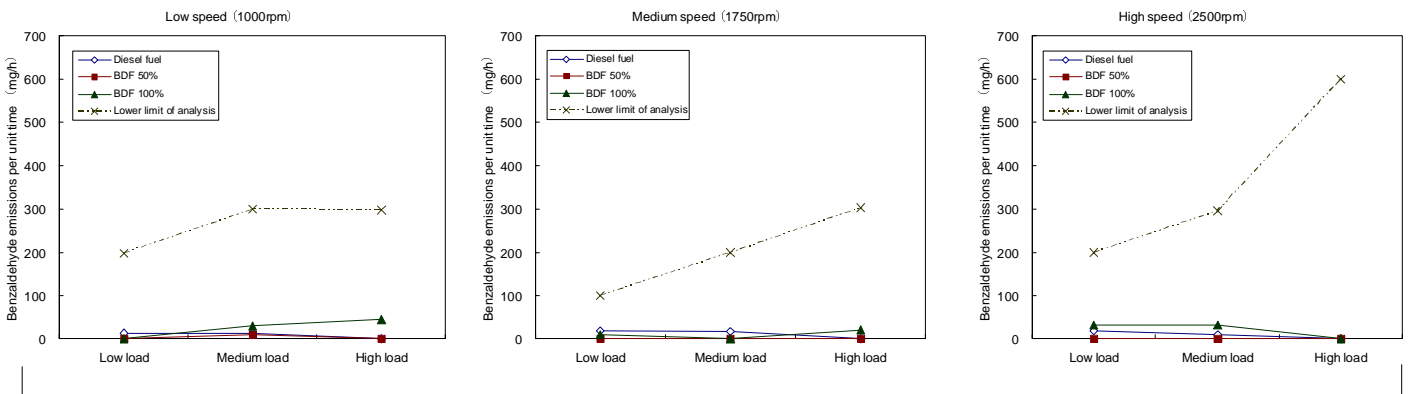(steady state mode: weak-oxidation catalyst)
Vehicle B

(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 4-2-9 Interrelationship between BDF blend ratio and emissions per unit time of aldehydes
(steady state mode: strong-oxidation catalyst)
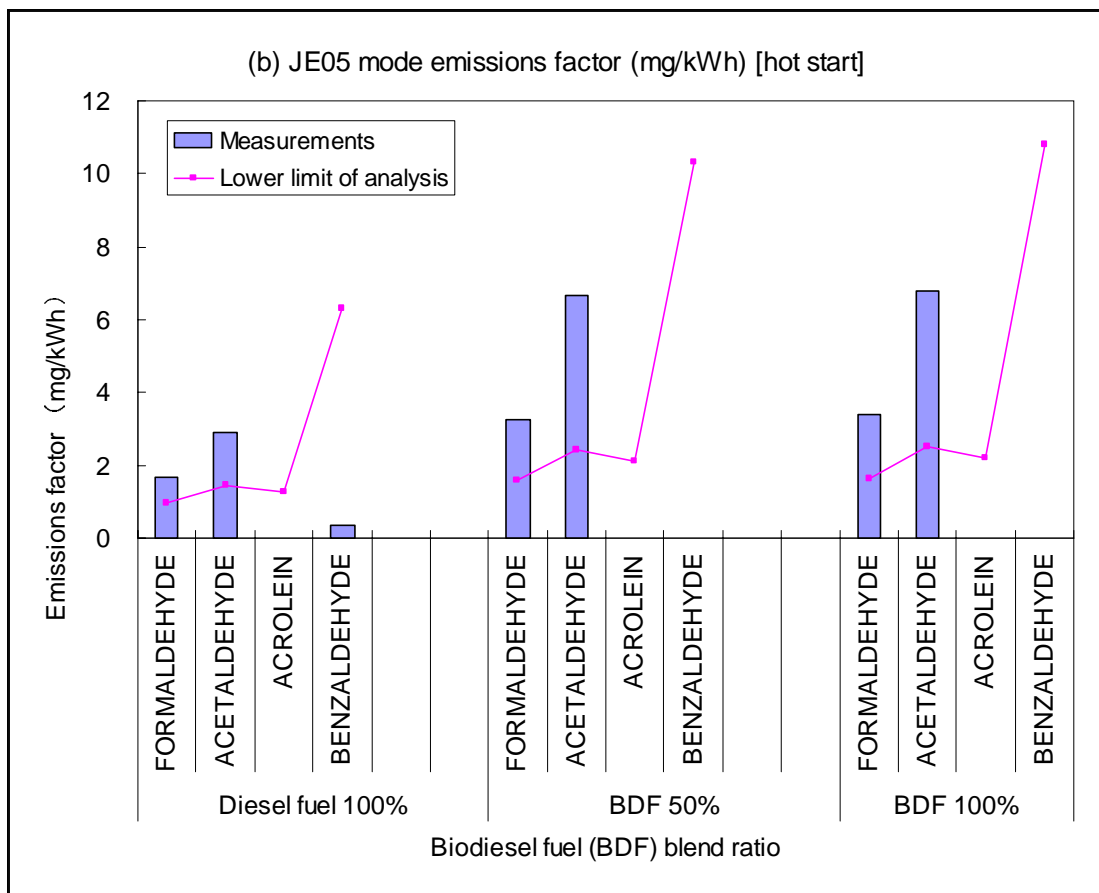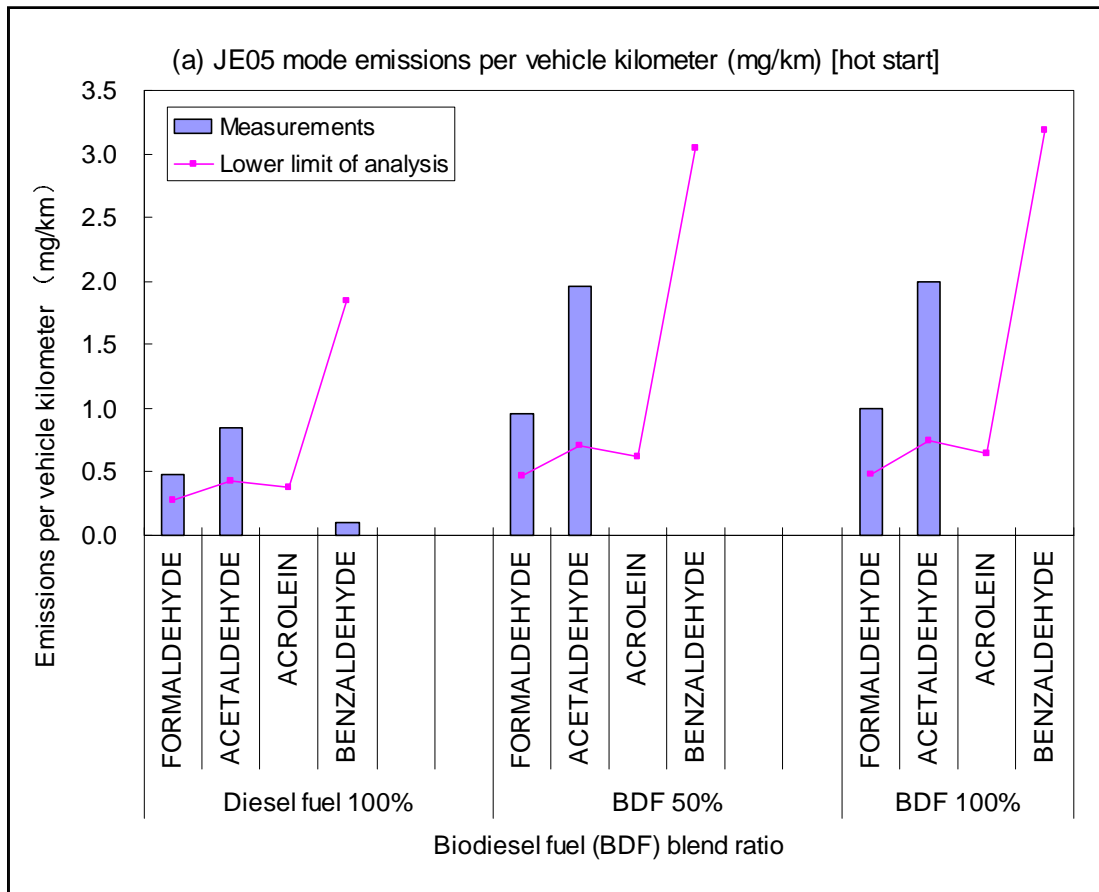Vehicle B

Figure 4-3-1 Interrelationship between BDF blend ratio and emissions of aldehydes (JE05 hot start mode) Vehicle C
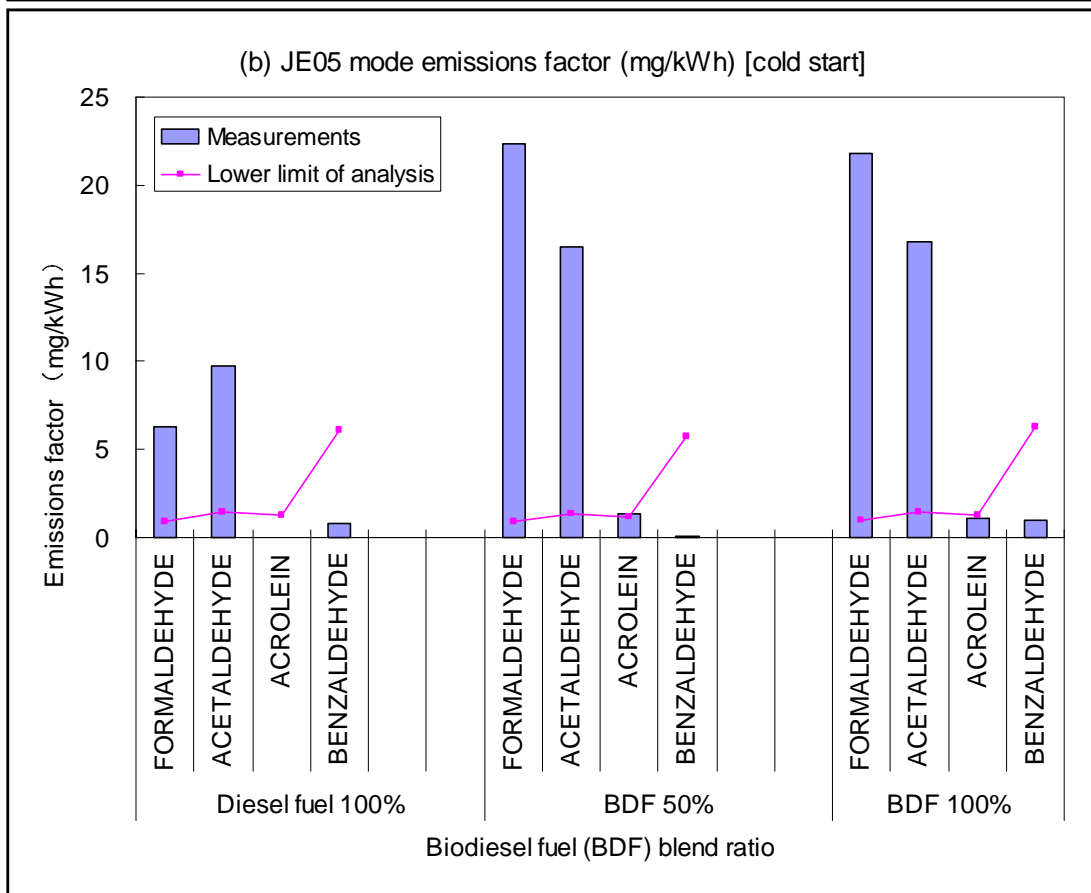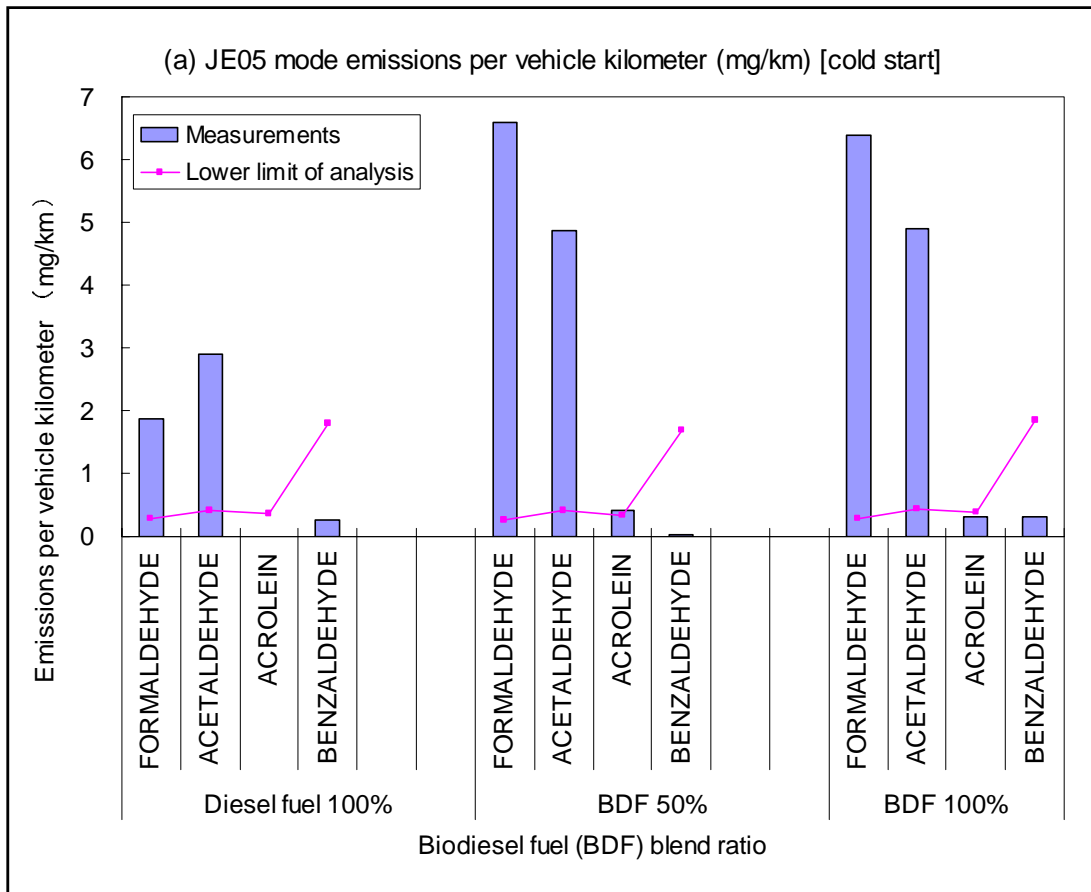
Figure 4-3-2 Interrelationship between BDF blend ratio and emissions of aldehydes (JE05 cold start mode) Vehicle C
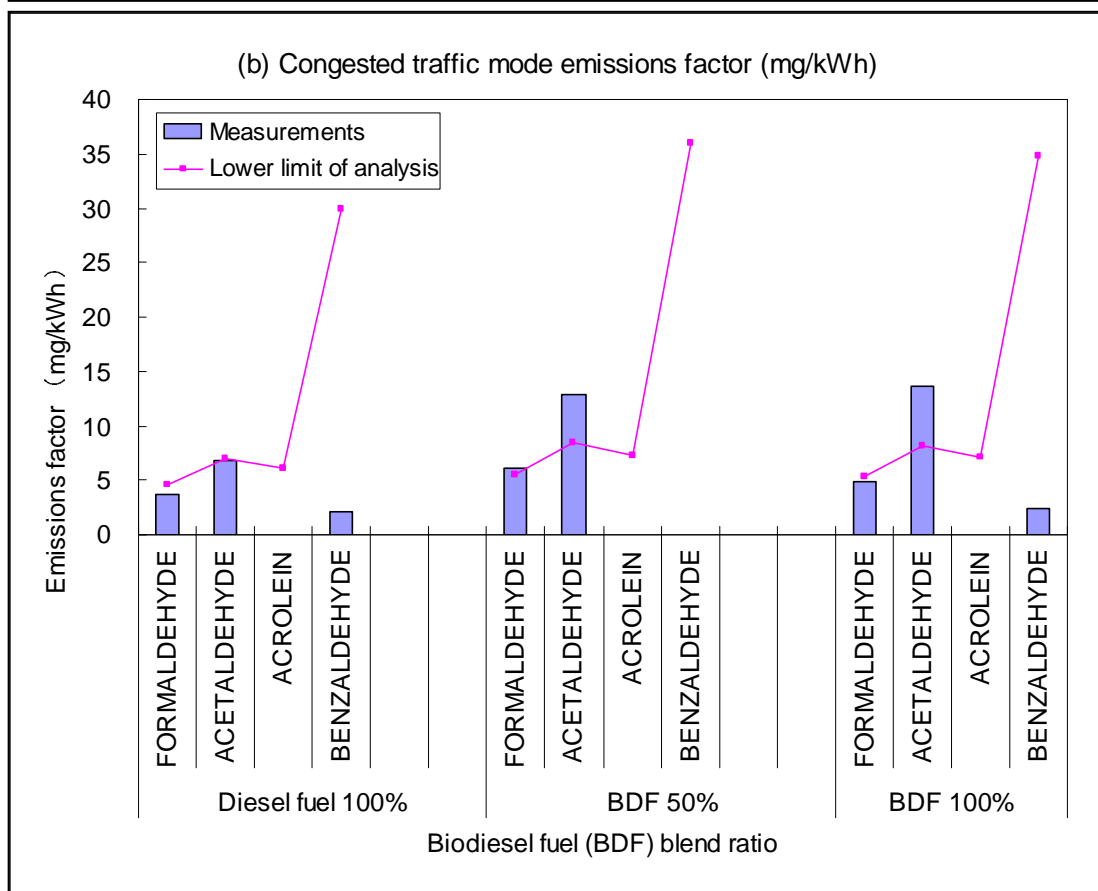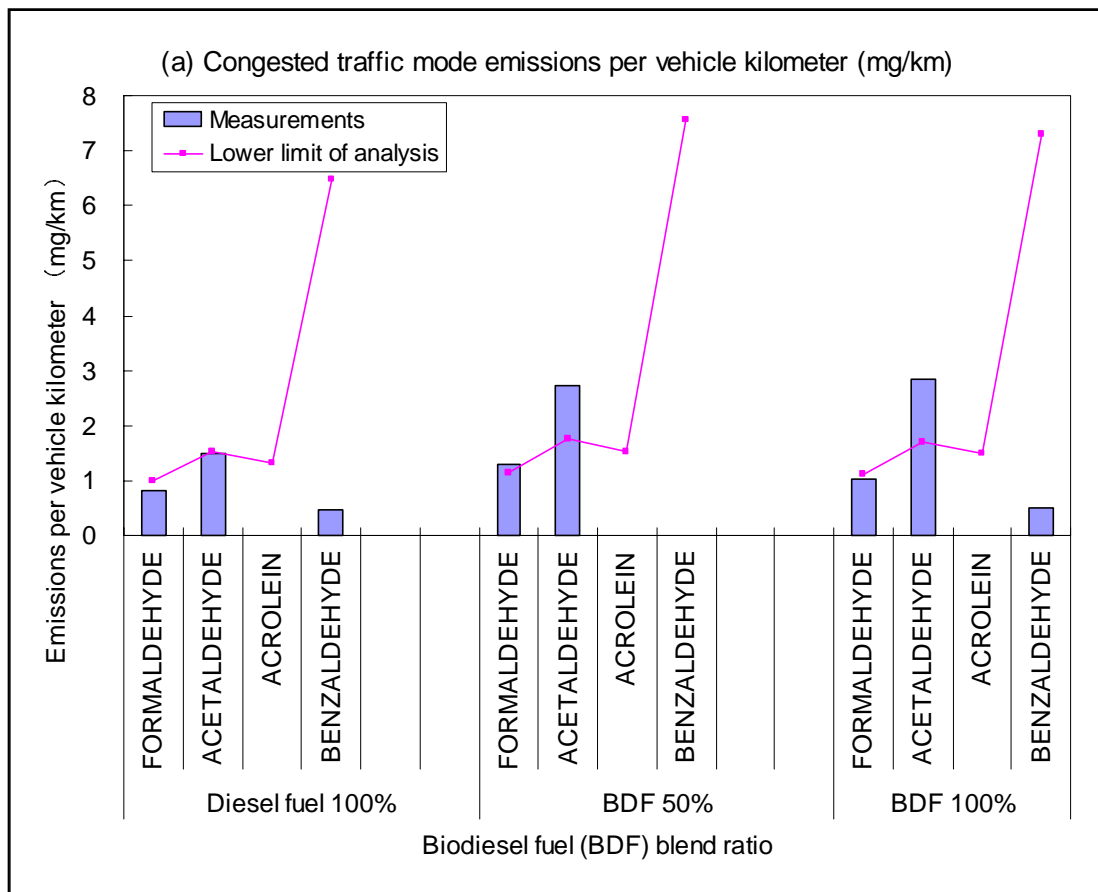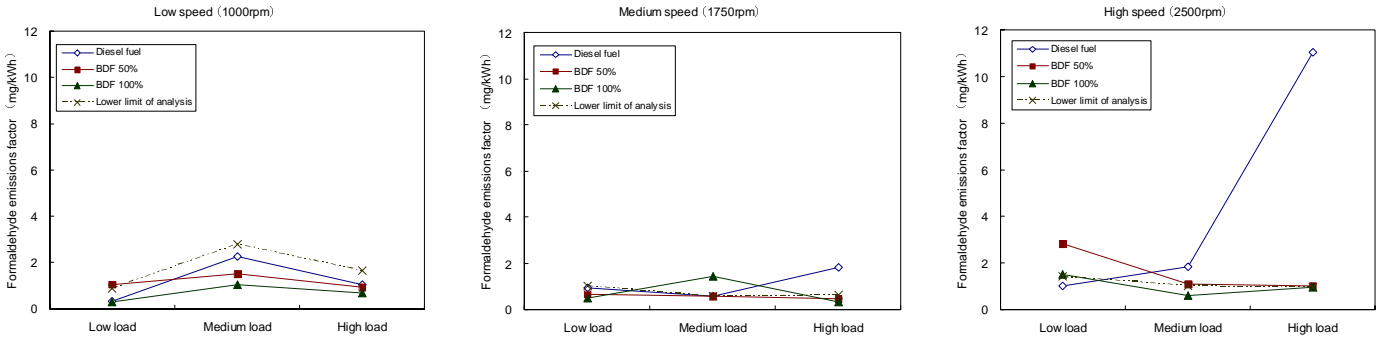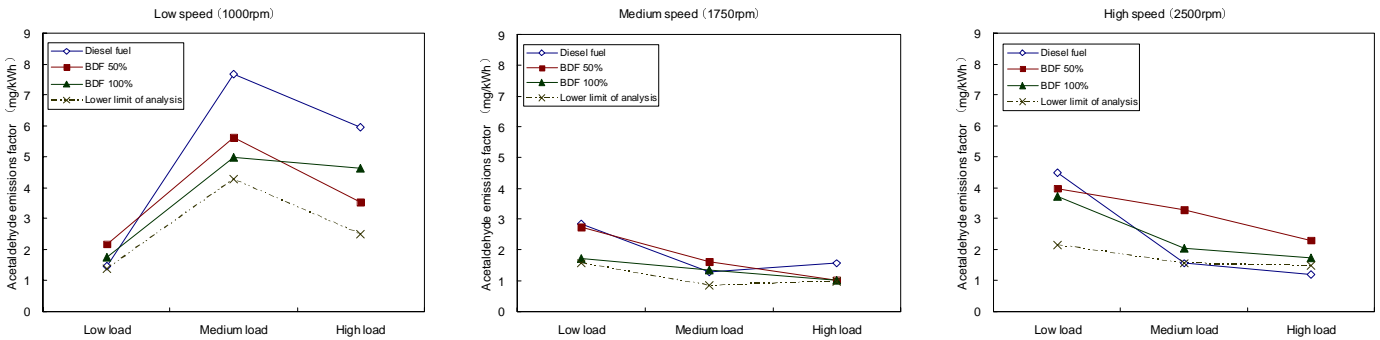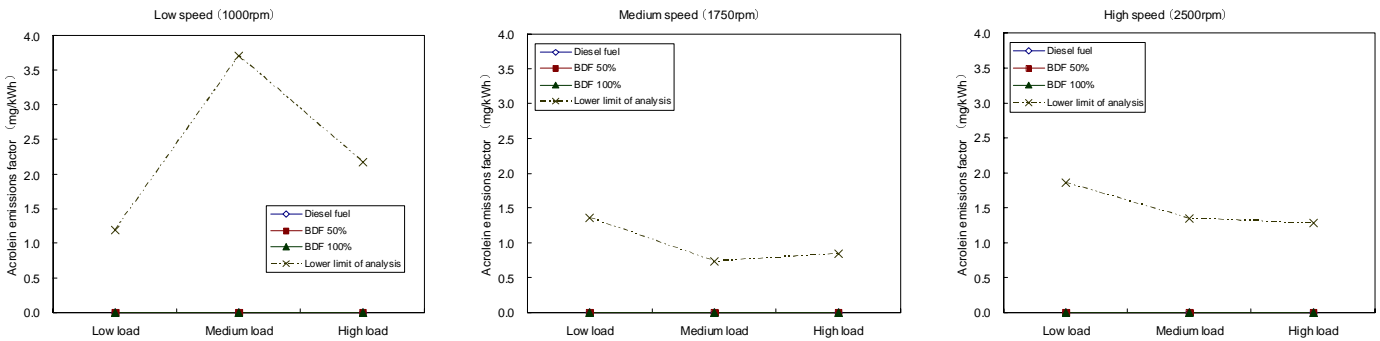
Figure 4-3-3 Interrelationship between BDF blend ratio and emissions of aldehydes (congested traffic mode)
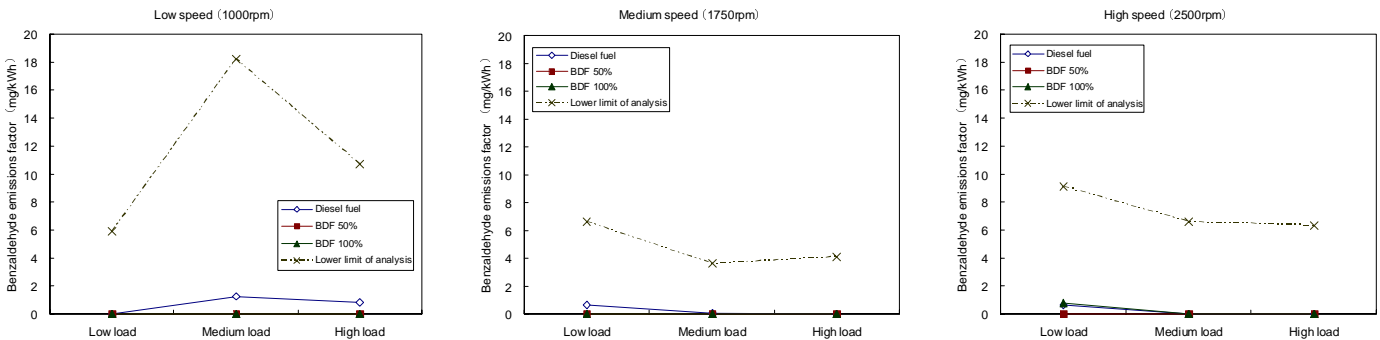Vehicle C

(a) Formaldehyde emissions factor (mg/kWh)

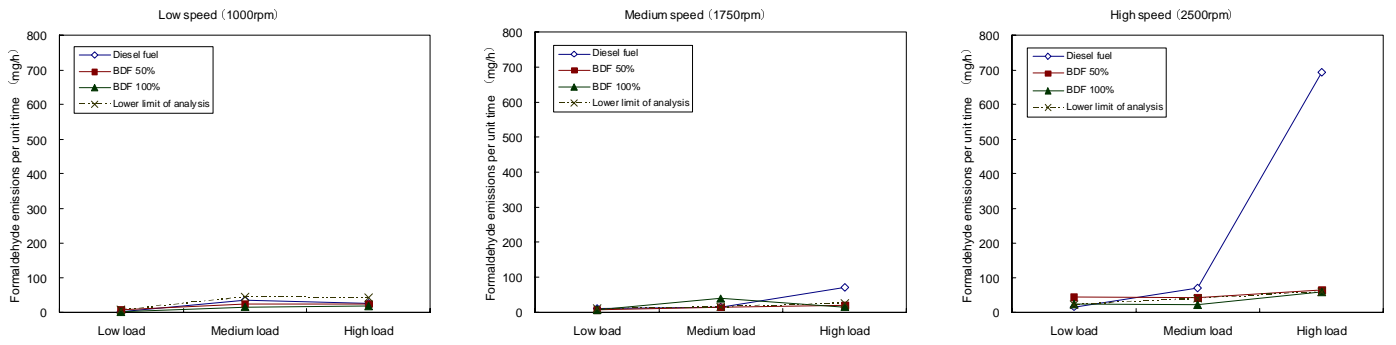(b) Acetaldehyde emissions factor (mg/kWh)
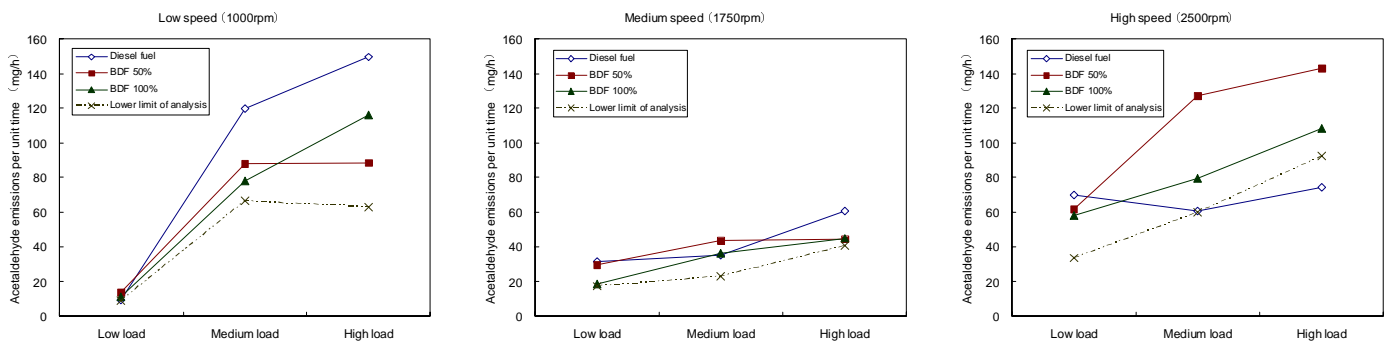

(c) Acrolein emissions factor (mg/kWh)

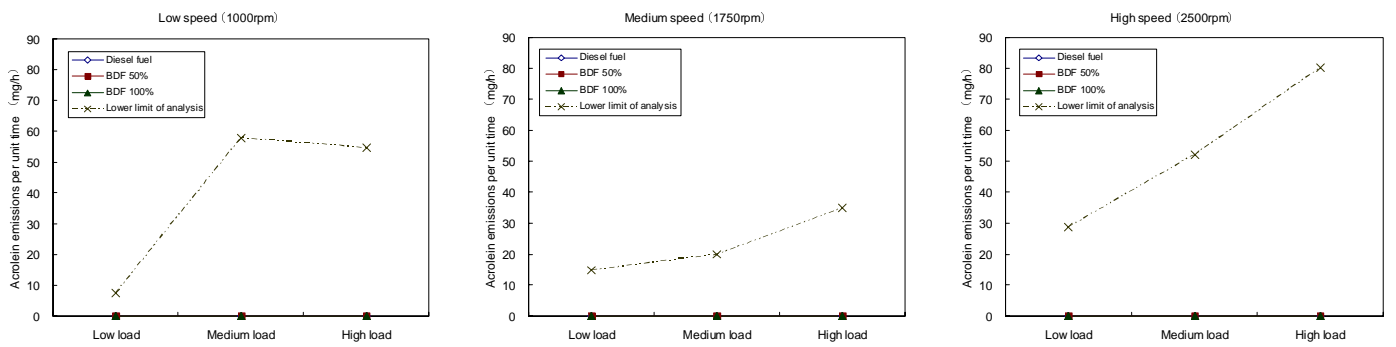(d) Benzaldehyde emissions factor (mg/kWh)

Figure 4-3-4 Interrelationship between BDF blend ratio and emissions factor for aldehydes
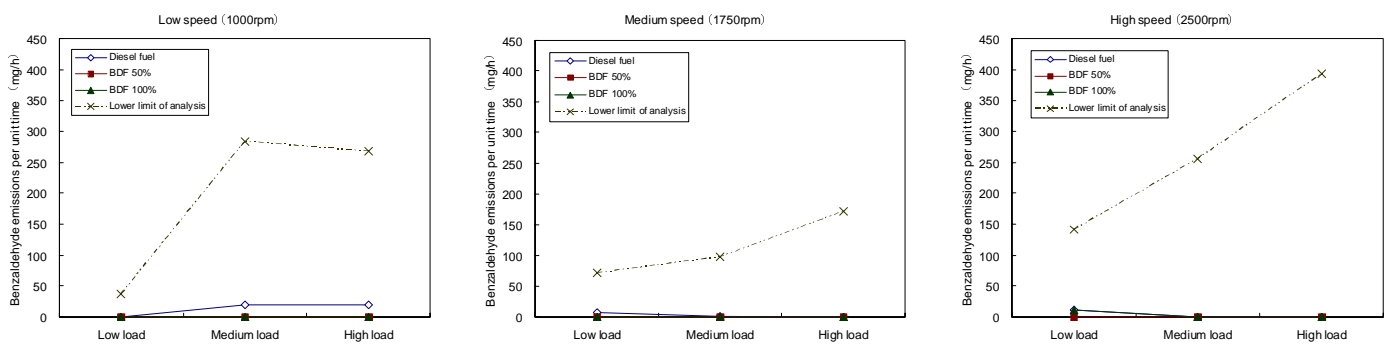(steady state mode)
Vehicle C

(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 4-3-5 Interrelationship between BDF blend ratio and emissions per unit time of aldehydes
(steady state mode)
Vehicle C