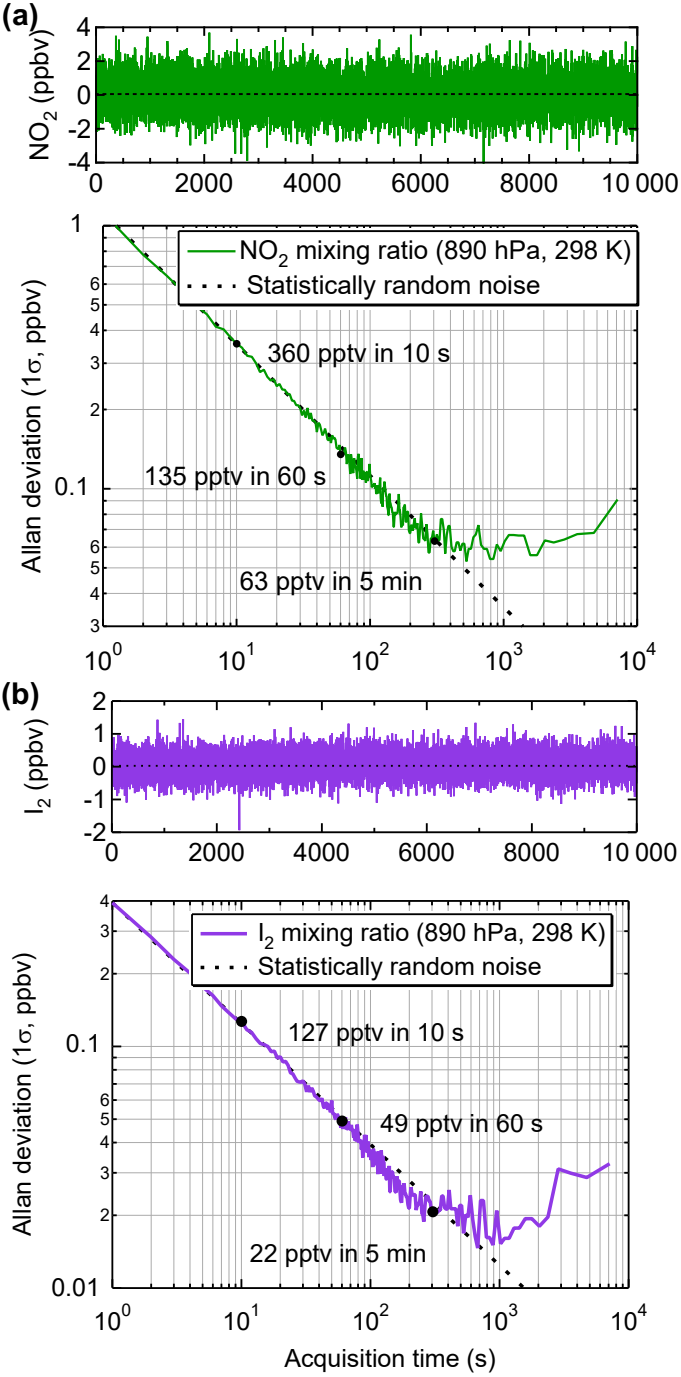
(a)
NO2 (ppbv)
NO2 mixing ratio (890 hPa, 298 K)
Statistically random noise
360 pptv in 10 s
135 pptv in 60 s
63 pptv in 5 min
Allan deviation (1σ, ppbv)
(b)
I2 (ppbv)
I2 mixing ratio (890 hPa, 298 K)
Statistically random noise
127 pptv in 10 s
49 pptv in 60 s
22 pptv in 5 min
Allan deviation (1σ, ppbv)
Acquisition time (s)