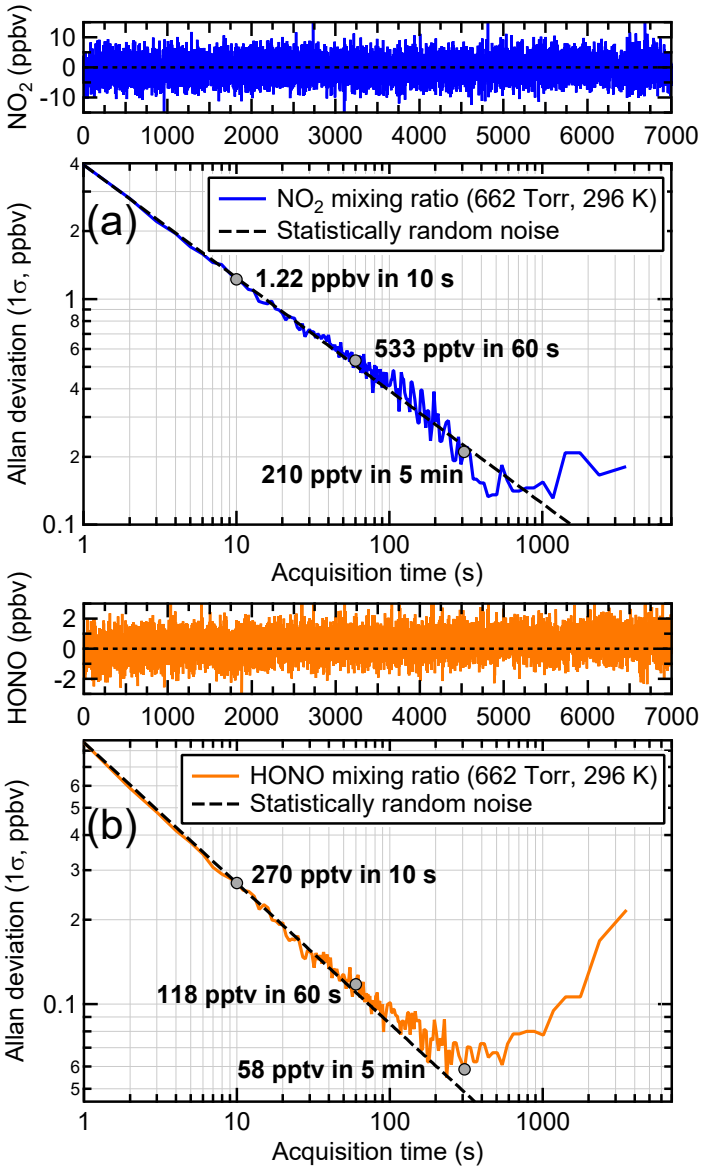
NO2 (ppbv)
10
0
-10
0
1000
2000
3000
4000
5000
6000
7000
(a)
NO2 mixing ratio (662 Torr, 296 K)
Statistically random noise
1.22 ppbv in 10 s
533 pptv in 60 s
210 pptv in 5 min
Allan deviation (1σ, ppbv)
Acquisition time (s)
HONO (ppbv)
2
0
-2
(b)
HONO mixing ratio (662 Torr, 296 K)
Statistically random noise
270 pptv in 10 s
118 pptv in 60 s
58 pptv in 5 min
Allan deviation (1σ, ppbv)
Acquisition time (s)