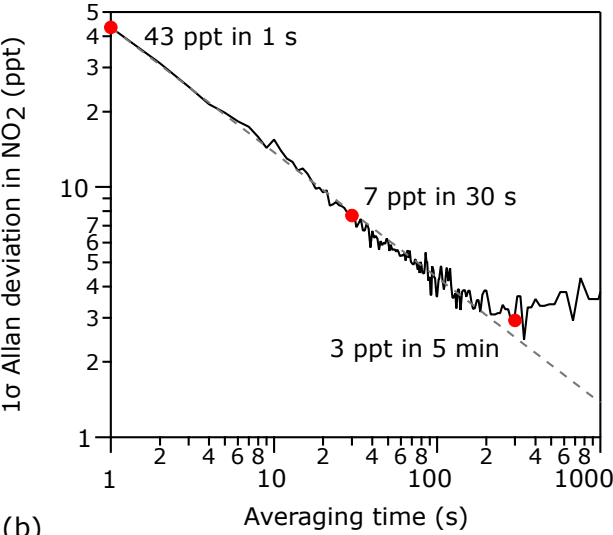
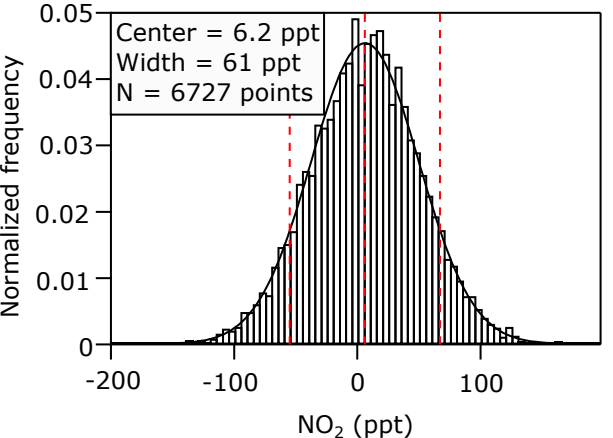
(a)


43 ppt in 1 s
7 ppt in 30 s
3 ppt in 5 min
1σ Allan deviation in NO2 (ppt)
Averaging time (s)
1
10
100
1000

(b)


Center = 6.2 ppt
Width = 61 ppt
N = 6727 points
Normalized frequency
NO2 (ppt)
-200
-100
0
100