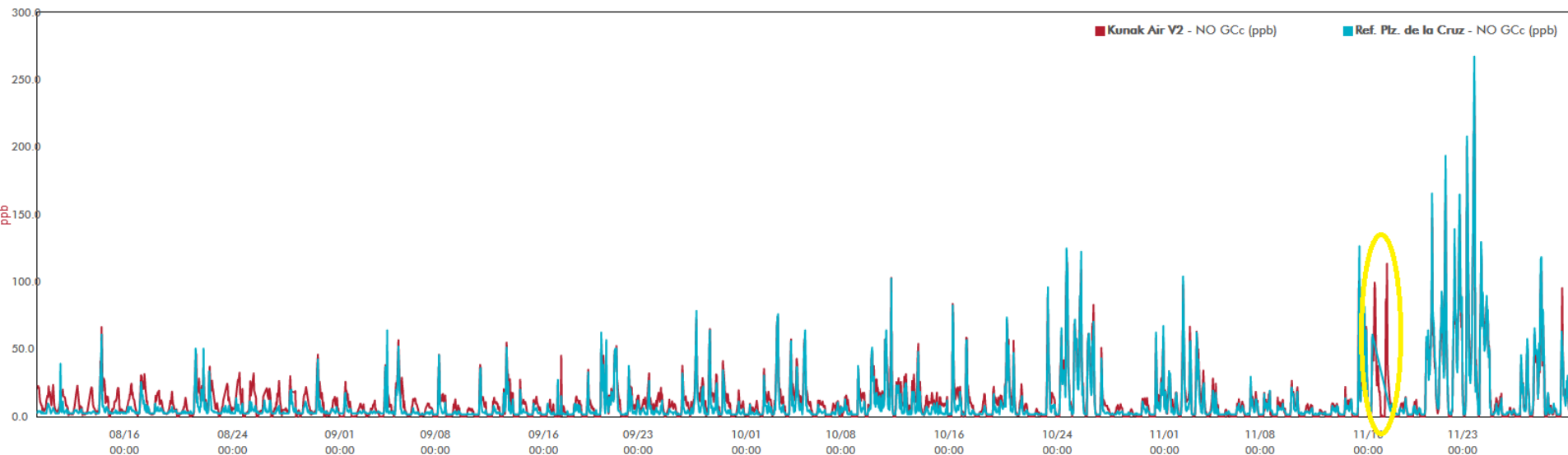
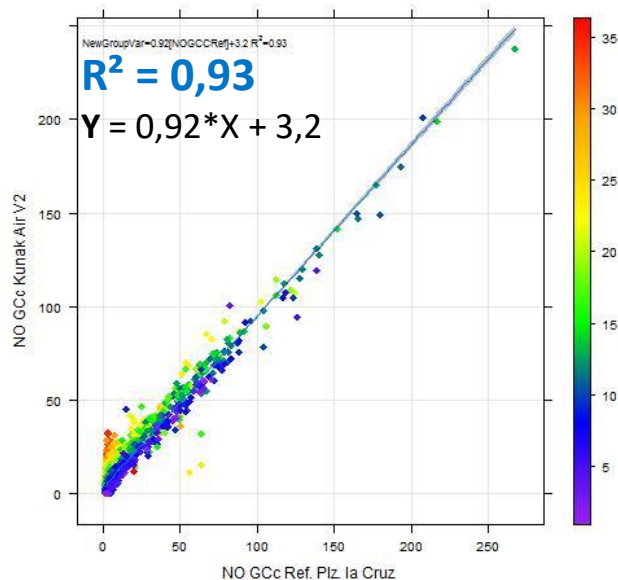


# Nitrogen Monoxide (NO), Pamplona (Spain), Aug'17-Nov'17

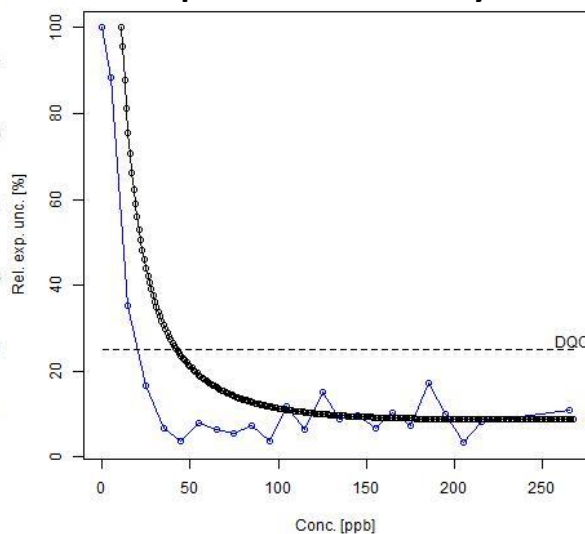


**Comments:** Since it can be appreciated in the temporal and scatter plot, during the summer time small concentrations of NO are measured because of high temperatures effects, above 30°C, with humidity transients. However, after summer time, an accurate detection is realized without any recalibration no matter the concentration ranges.

**Version:** KUNAKAIR V2.

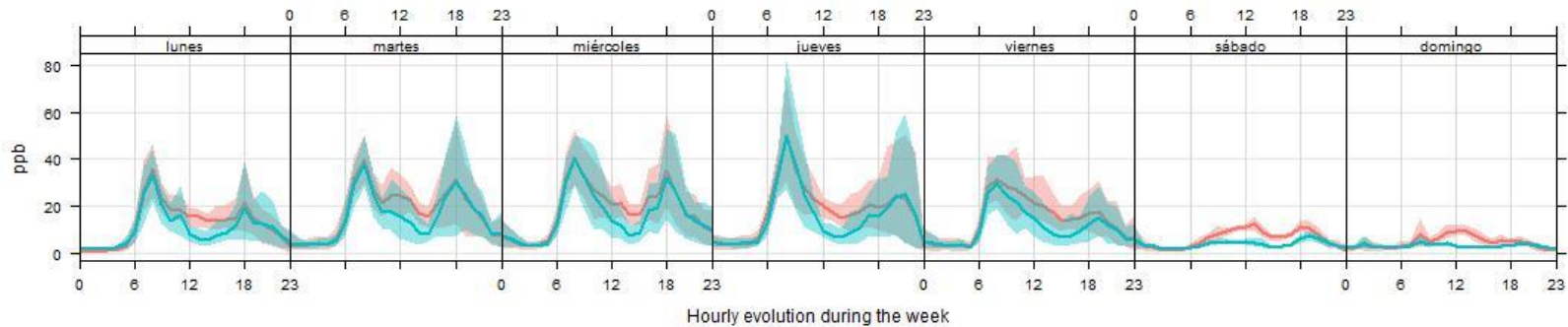


## DQO / Relative error / Expanded Uncertainty

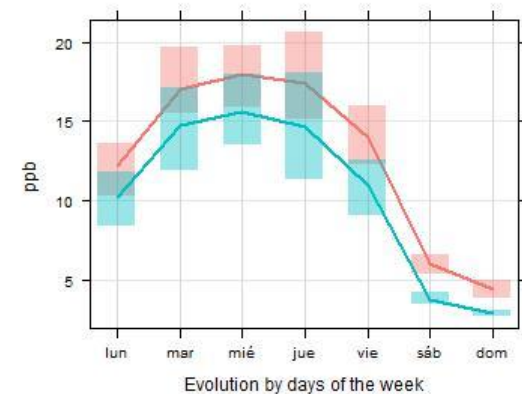
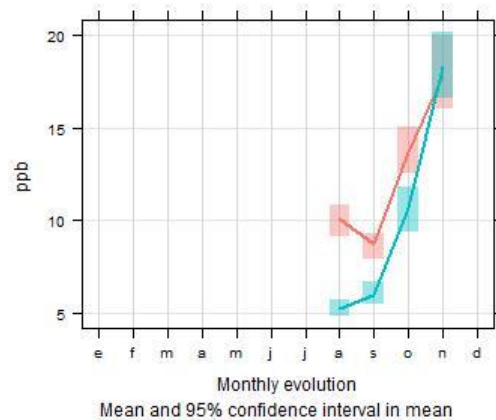
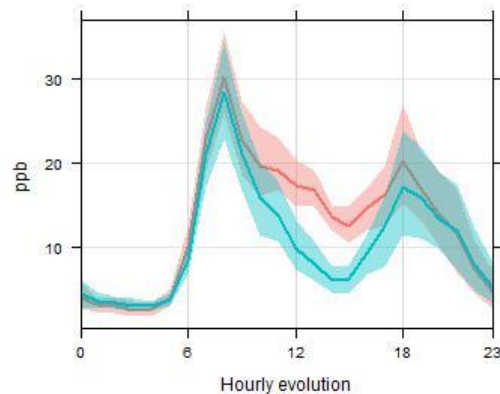


# Nitrogen Monoxide (NO), Pamplona (Spain), Aug'17-Nov'17

Time variation of Kunak Air V2 and Ref. Plz. la Cruz : NO GCc



Legend: NO GCc Kunak Air V2 (red), NO GCc Ref. Plz. la Cruz (teal)



R <sup>2</sup>	ACCURACY (PPB)	90% CONF. (PPB)	DQO (PPB)	AVG. GC. REF (PPB)	AVG. GC. DUT (PPB)	AVAILAVILITY REF/DUT
0,93	4,2	9,2	42	10,4	12,7	98,5% / 97,4%

**Comments:** The KunakAir V2, tracks perfectly the weekly variations as well as the hourly, daily and monthly concentrations comparing to the reference instrument. Just, during summer time, due to the humidity transients under high temperatures, slightly more concentration than presented is detected in in the central hours of the days, where the concentrations are almost zero, overestimating the average concentration in 2ppb. DQO is met with excellent accuracy and correlation.