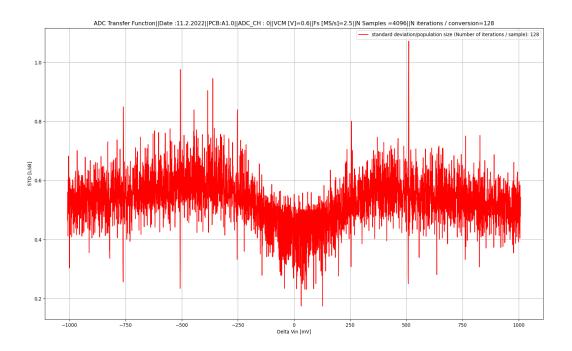
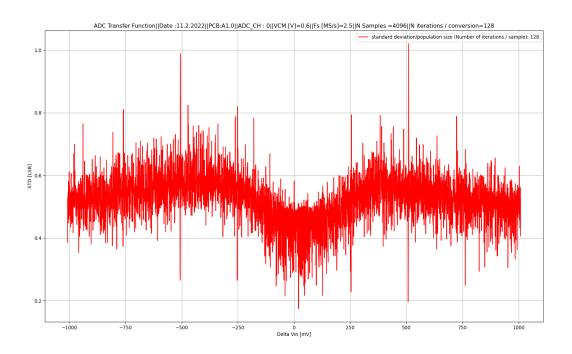
CORDIA project ADCs test and characterization verification of the stability and reliability of the Test-setup (Hardware, firmware and Software) Lamine Hafiane / 15.02.2022

### **I. Loop-Test:** the same measurement, with the same set-up, is repeated several times.

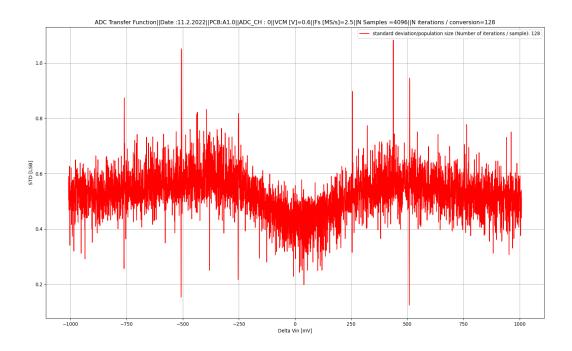
#### I.1 Noise evaluation



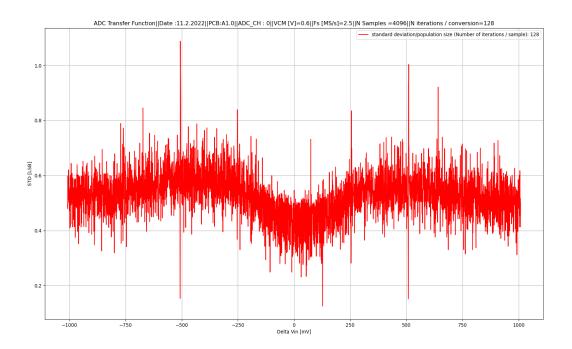
Test 1



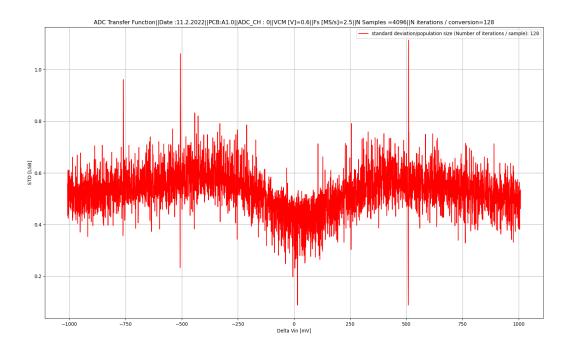
Test 2



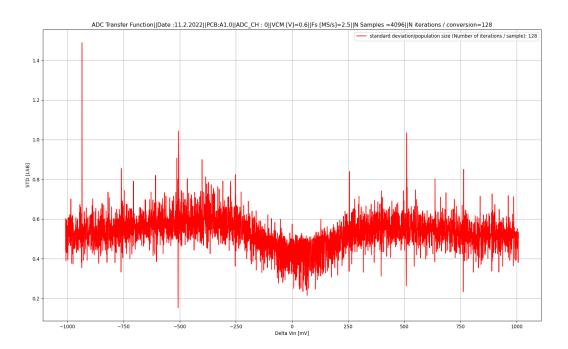
Test 3



Test 4

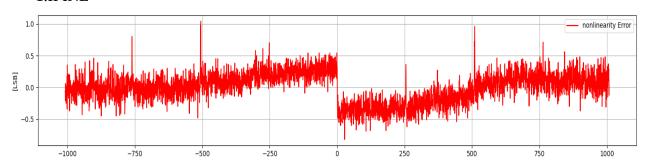


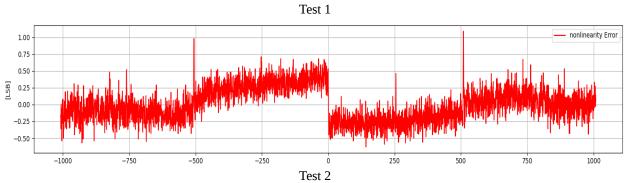
Test 5

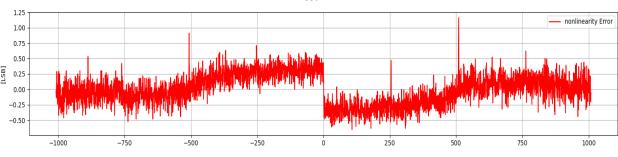


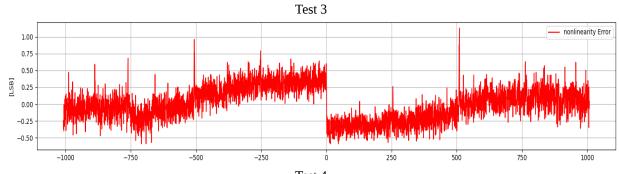
Test 6

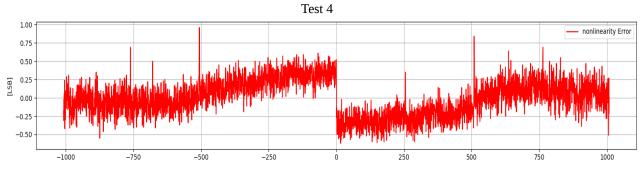




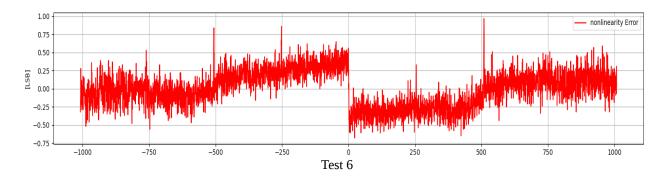




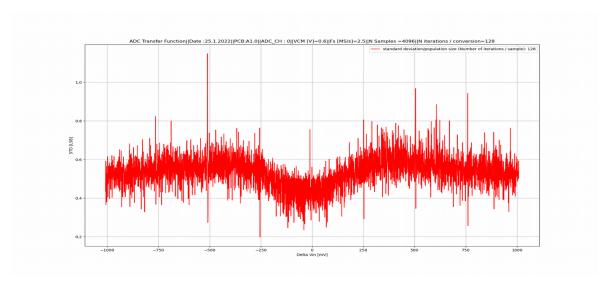


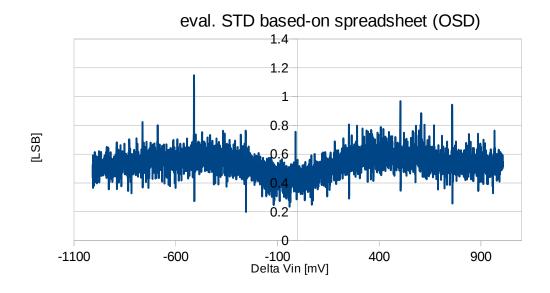


Test 5

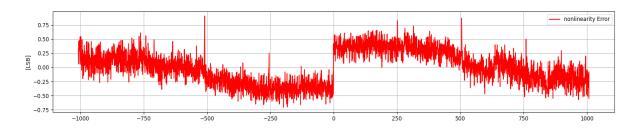


 ${f II.}$  Checking the computing methods (ODS vs Python) / evaluation based-on the same measurement set II.I. Noise

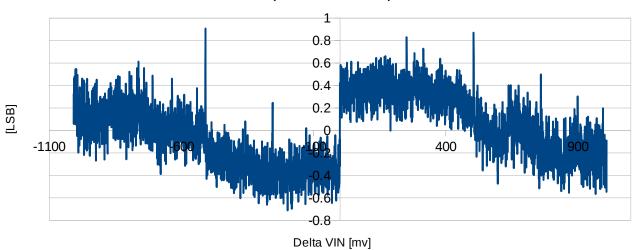




#### I.2 INL



# INL (based-on ODS)



## 1.3 DNL

