

# Measurements

May 6, 2022

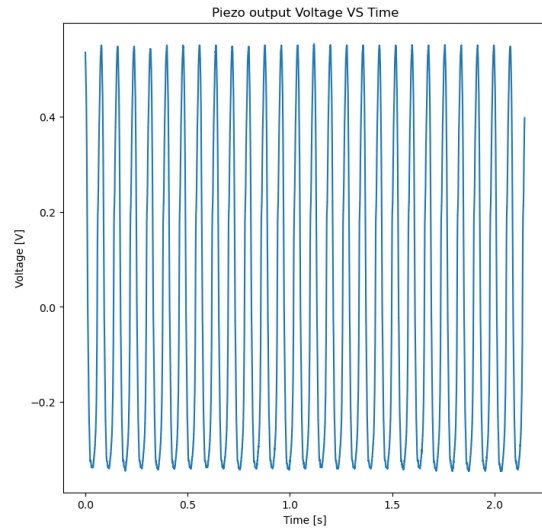
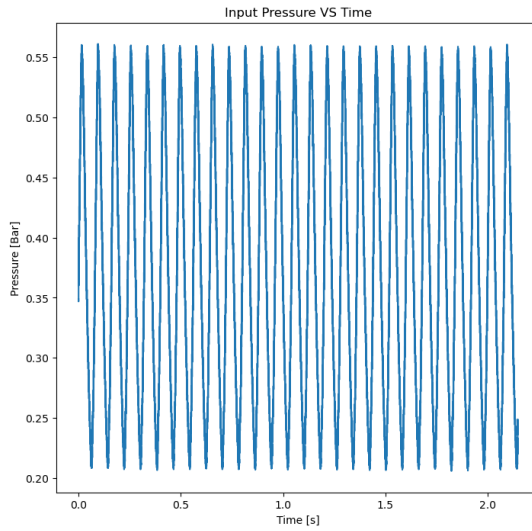
## 1 PARAMETERS

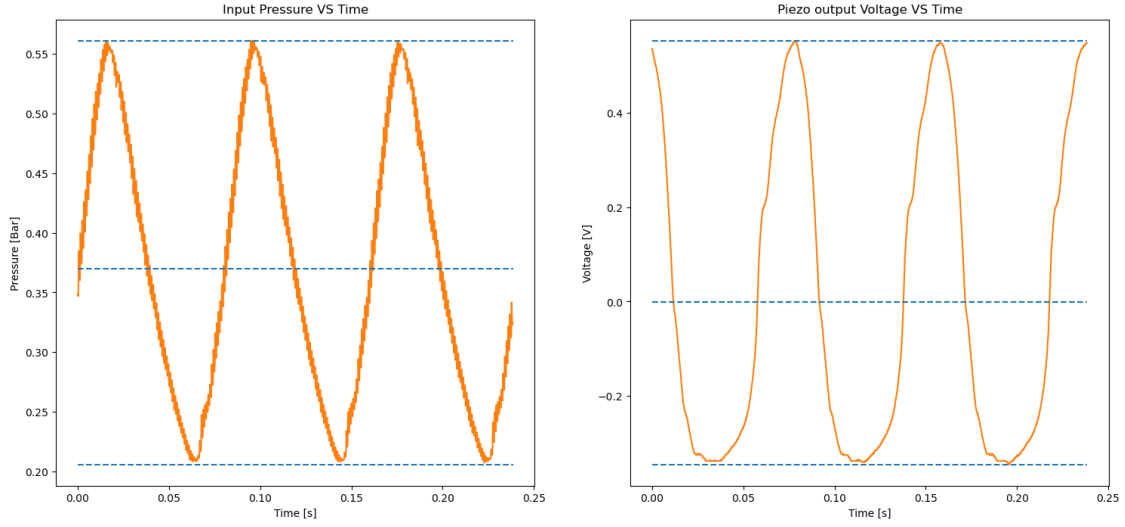
Sample name: AB-211206-085-ZNO

	Parameter	Value	Unit
0	Sample name	AB-211206-085-ZNO	
1	Measure duration	2.147483648	[s]
2	Rload	1000000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	164.0	[Hz]

## 2 PRESSURE AND VOLTAGE MEASUREMENTS

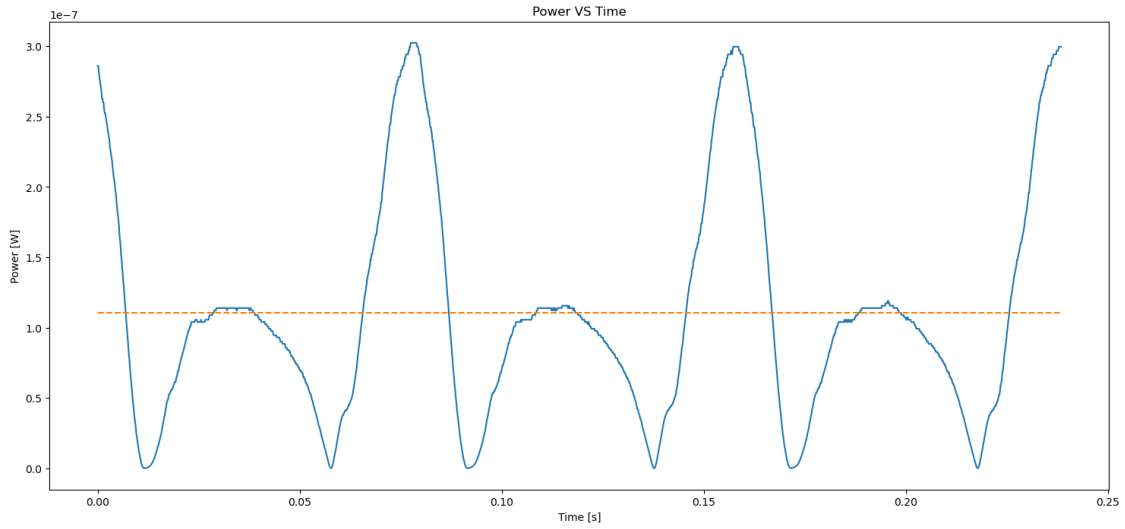
The input frequency is: 12.57 Hz





	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	2.06e-01	5.61e-01	3.55e-01	3.70e-01	3.70e-01
1	Voltage [V]	-3.45e-01	5.52e-01	8.97e-01	-3.60e-04	3.07e-01

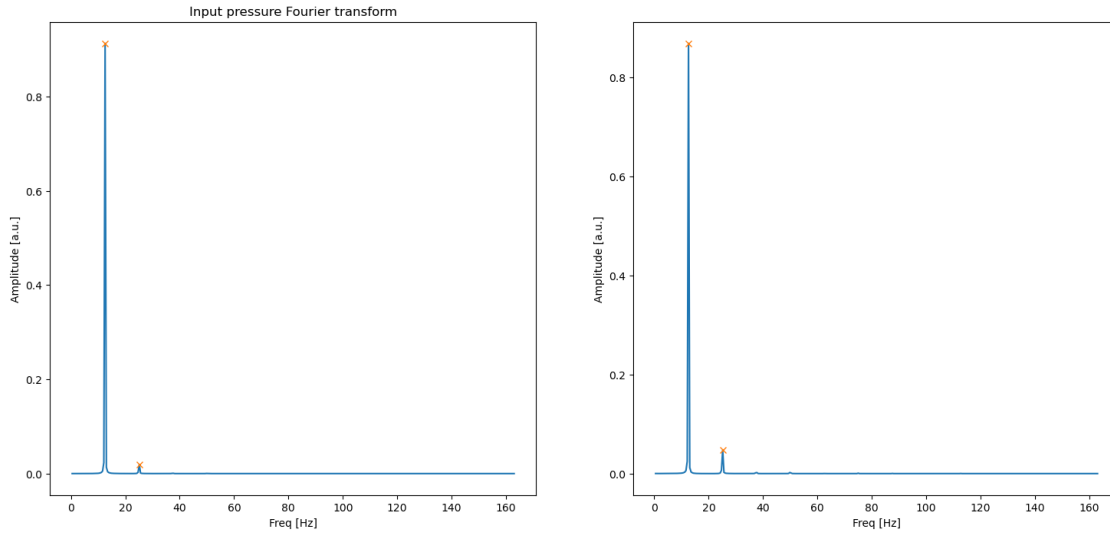
### 3 POWER



Mean power: 1.11e-07 [W]

## 4 FREQUENCY ANALYSIS

If an harmonic appears in the pressure Fourier transform. The piston has to be set to atmospheric pressure.



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	12.57	86.83
1	25.15	4.70

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	12.57	91.30
1	25.15	1.90