

Measurements

May 6, 2022

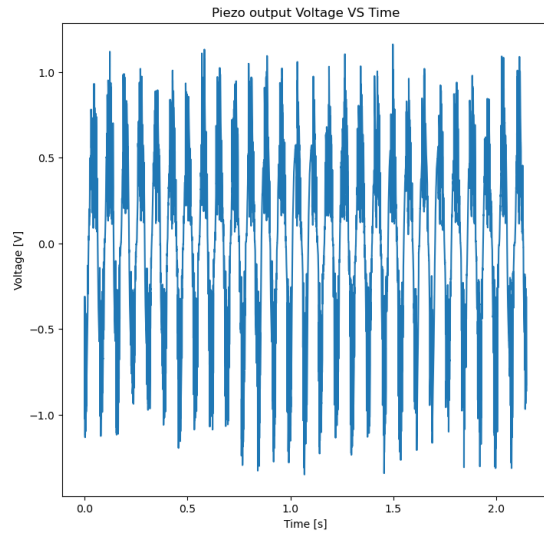
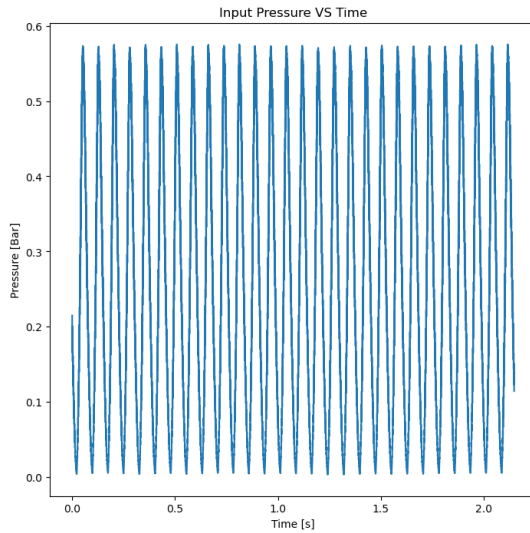
1 PARAMETERS

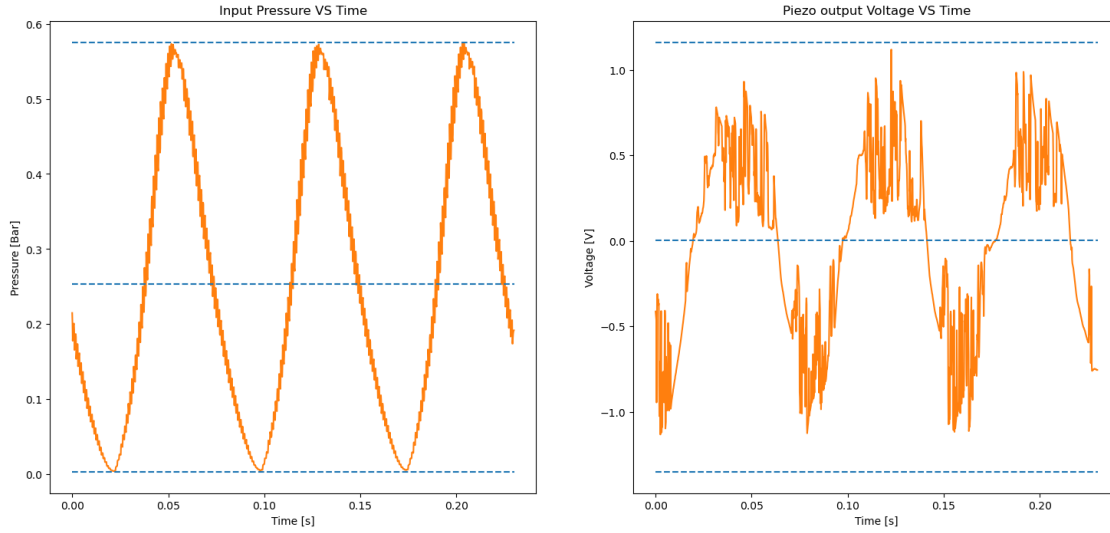
Sample name: AB-211206-085-ZNO

	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	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

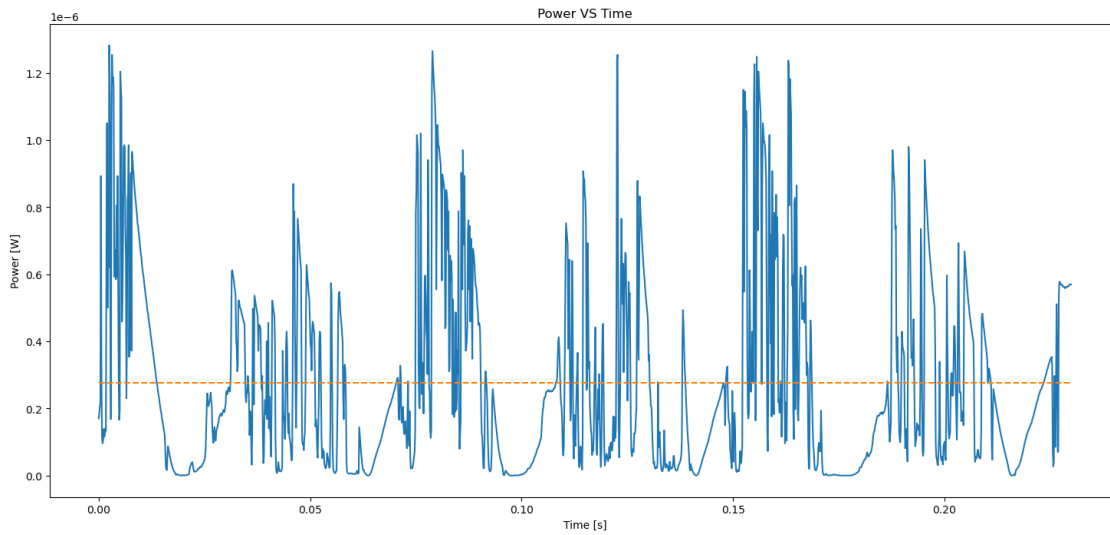
The input frequency is: 13.04 Hz





	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	3.50e-03	5.75e-01	5.72e-01	2.53e-01	2.53e-01
1	Voltage [V]	-1.35e+00	1.16e+00	2.51e+00	1.86e-03	4.40e-01

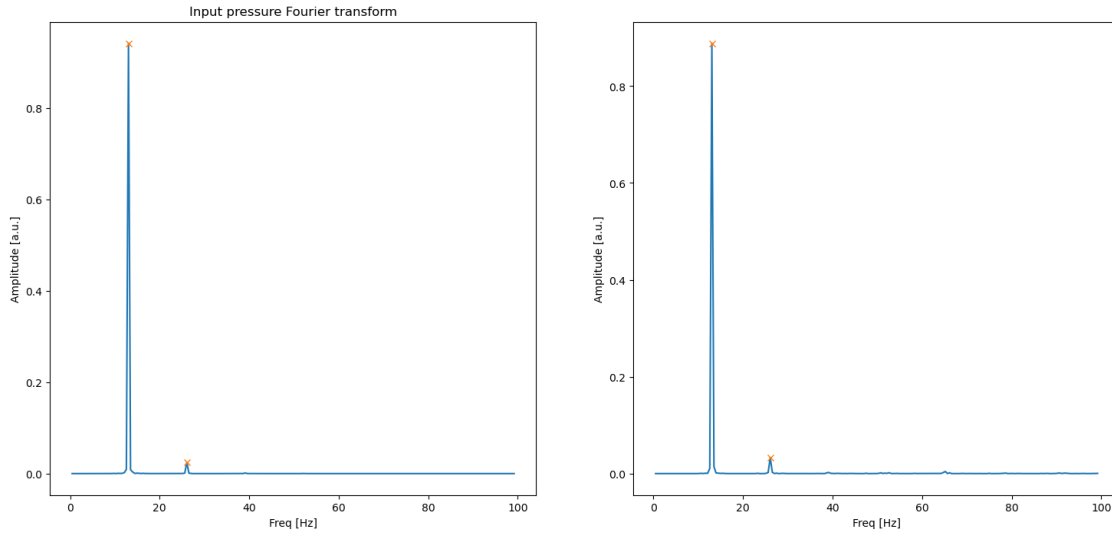
3 POWER



Mean power: 2.77e-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	13.04	88.84
1	26.08	3.30

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	13.04	94.18
1	26.08	2.43