

Measurements

May 6, 2022

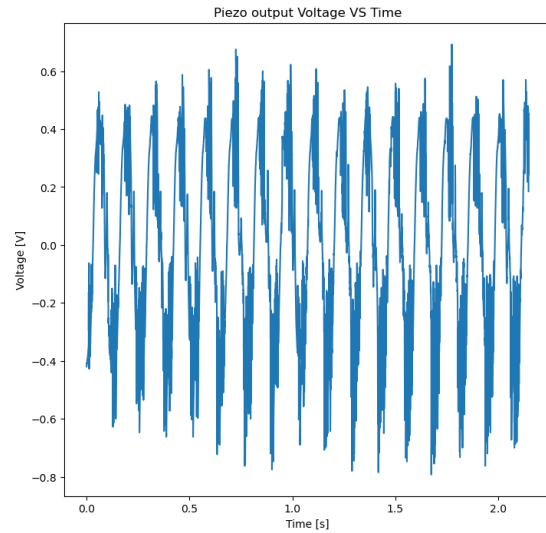
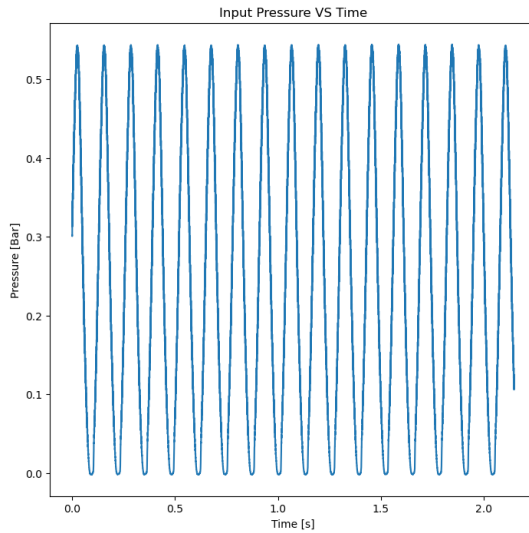
1 PARAMETERS

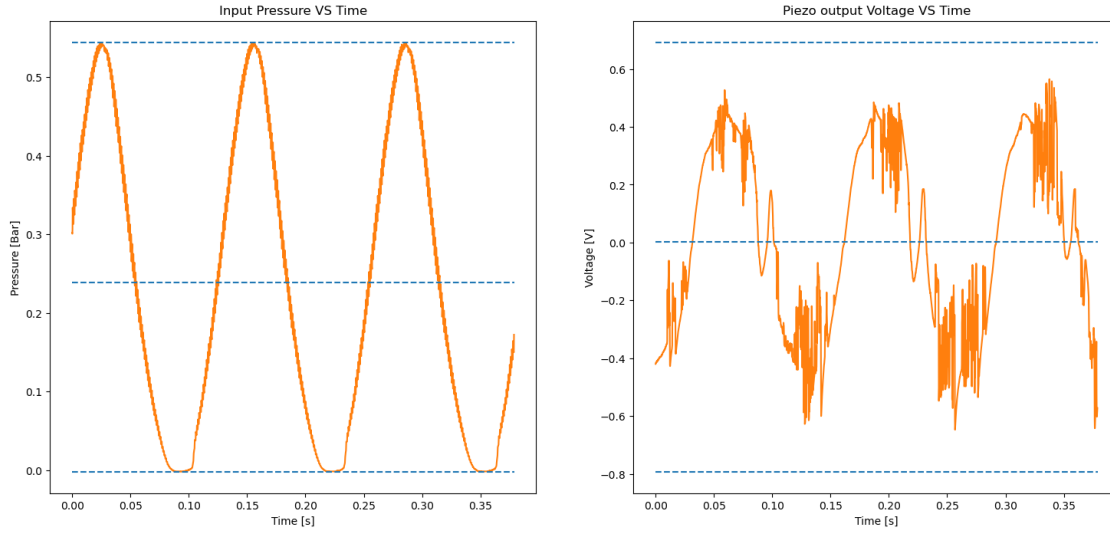
Sample name: AB-211206-085-ZNO

	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

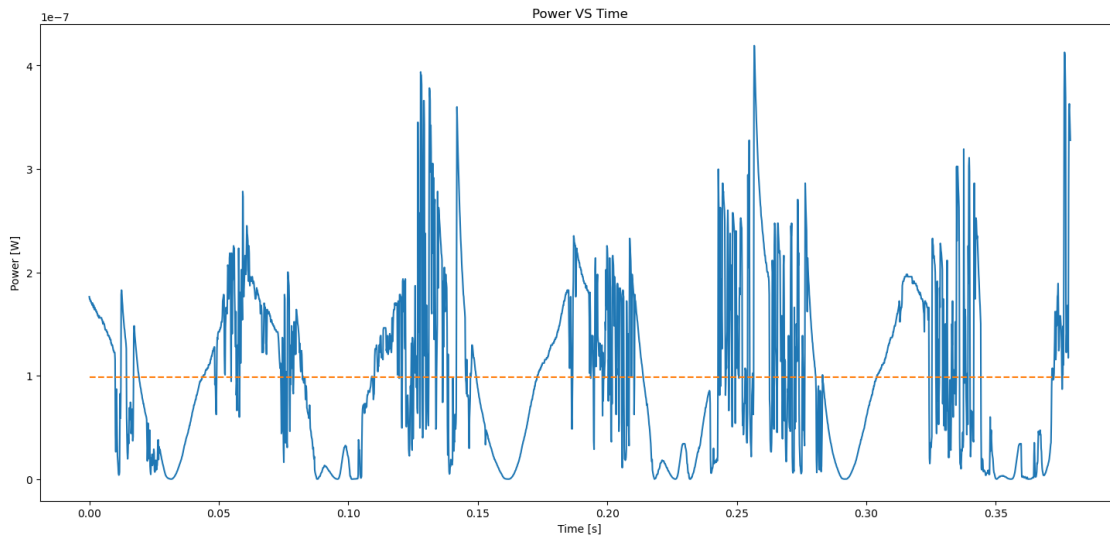
The input frequency is: 7.92 Hz





	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-2.10e-03	5.44e-01	5.46e-01	2.39e-01	2.39e-01
1	Voltage [V]	-7.92e-01	6.93e-01	1.48e+00	2.74e-03	2.77e-01

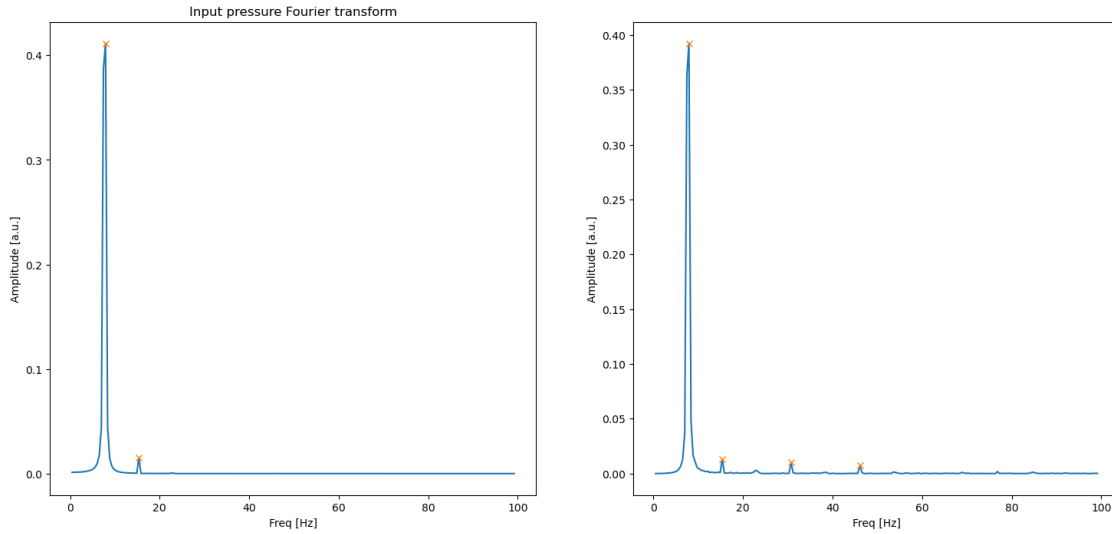
3 POWER



Mean power: 9.84e-08 [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	7.92	39.24
1	15.37	1.31
2	30.74	1.00
3	46.10	0.72

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	7.92	41.15
1	15.37	1.52