

Measurements

March 15, 2022

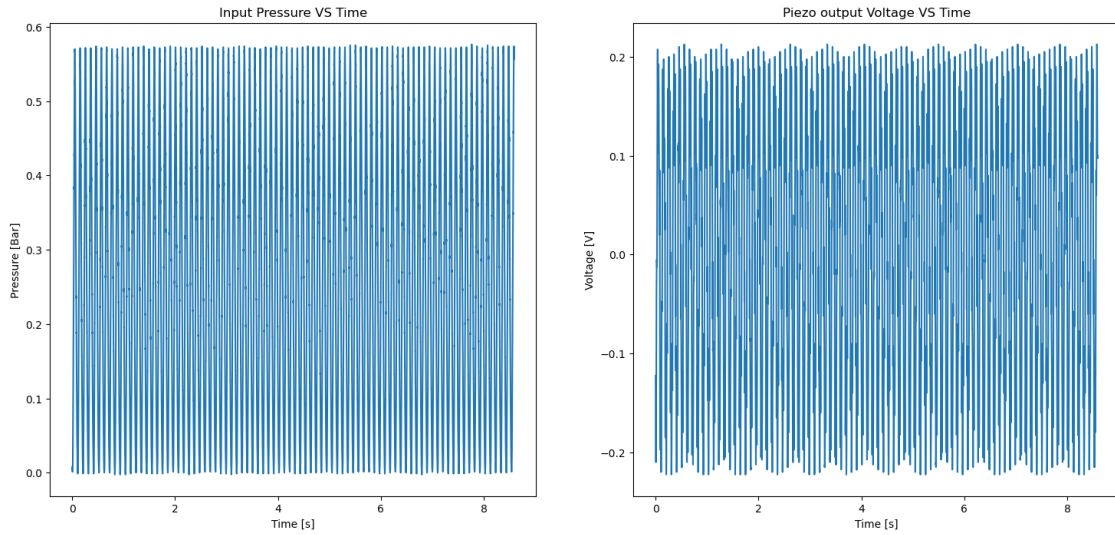
1 PARAMETERS

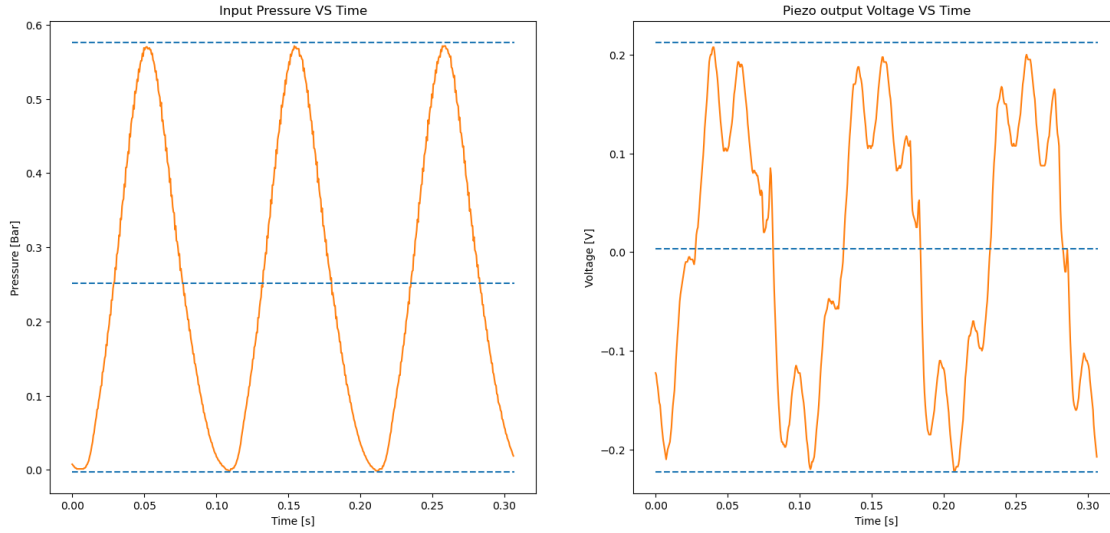
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	400000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

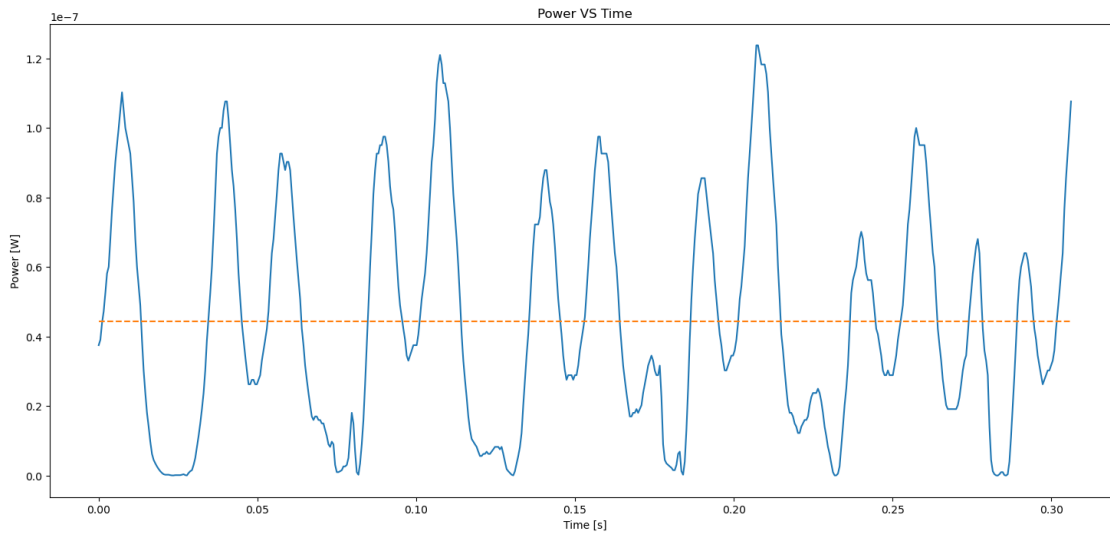
The input frequency is: 9.78 Hz





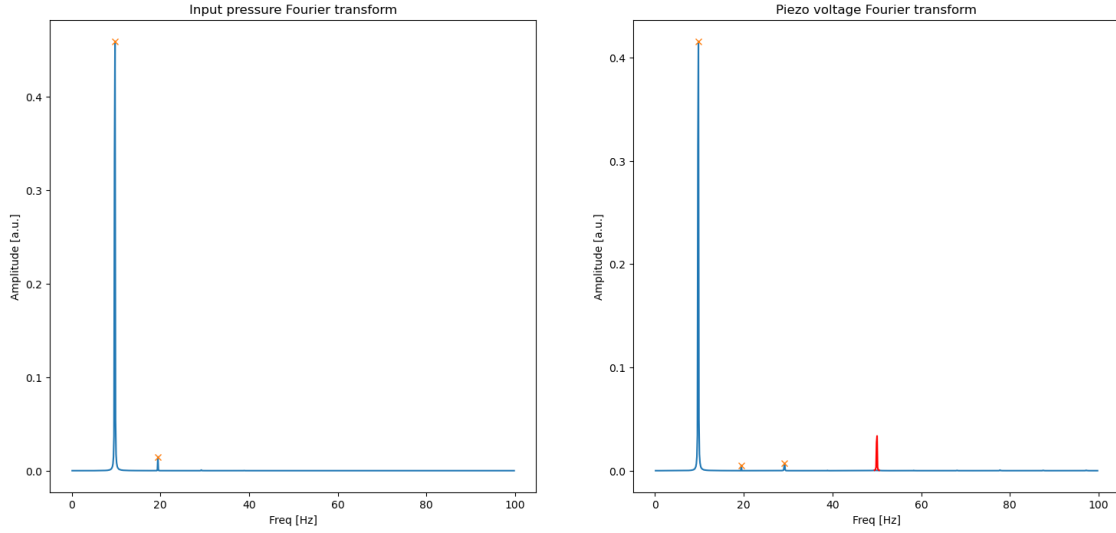
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-2.50e-03	5.76e-01	5.79e-01	2.51e-01	2.51e-01
1	Voltage [V]	-2.23e-01	2.12e-01	4.35e-01	3.07e-03	1.22e-01

3 POWER



Mean power: 4.45e-08 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	41.58
1	19.44	0.52
2	29.22	0.71

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	45.92
1	19.44	1.48