

Measurements

March 18, 2022

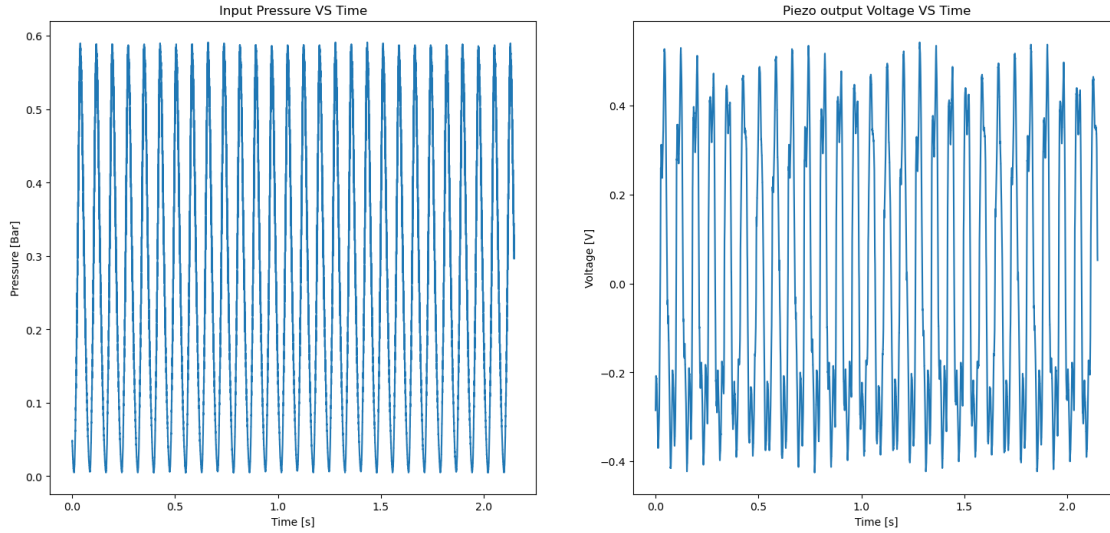
1 PARAMETERS

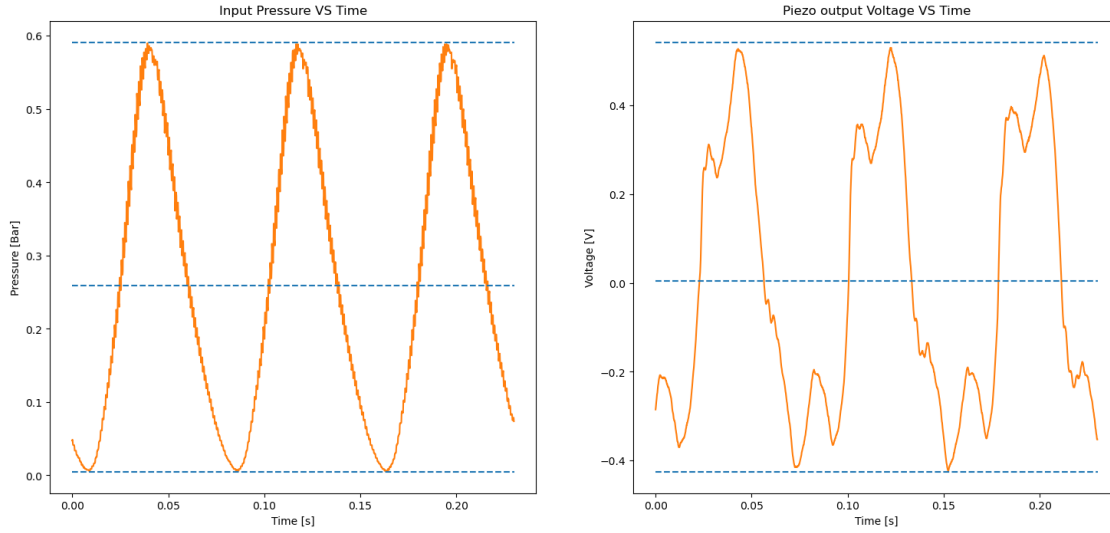
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
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

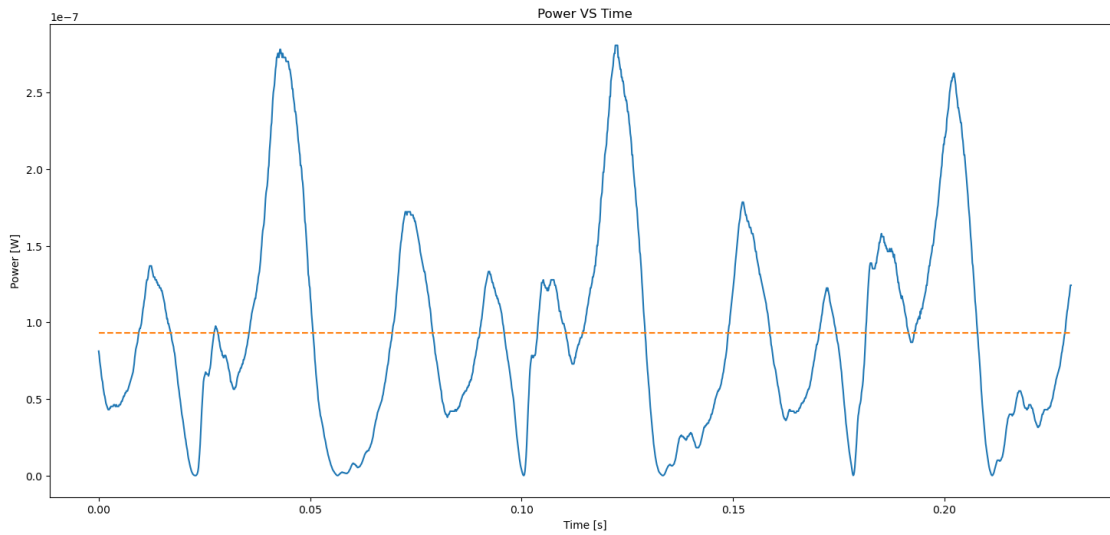
The input frequency is: 13.04 Hz





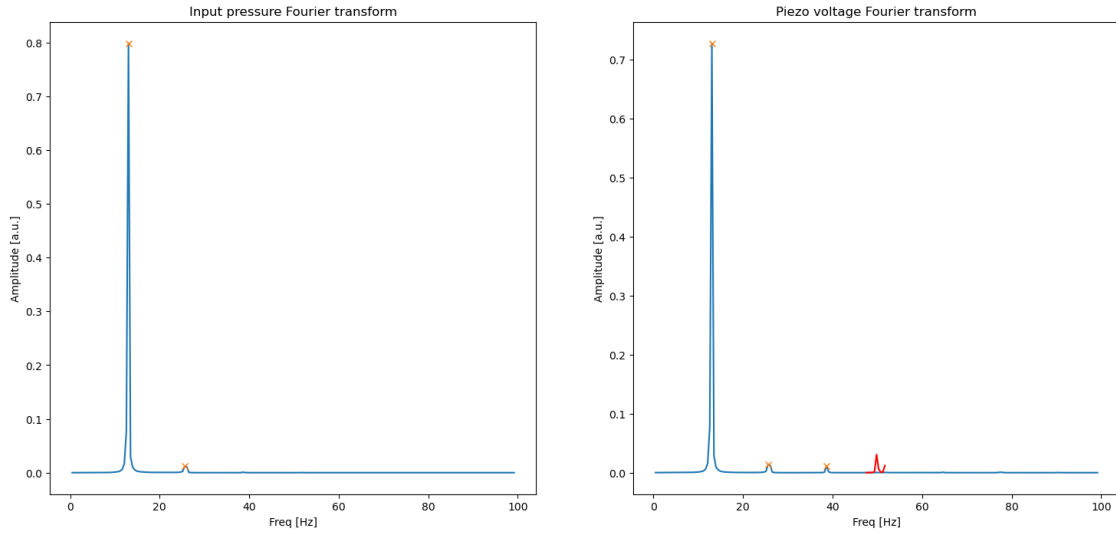
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	5.00e-03	5.91e-01	5.86e-01	2.59e-01	2.59e-01
1	Voltage [V]	-4.25e-01	5.42e-01	9.68e-01	3.90e-03	2.84e-01

3 POWER



Mean power: 9.33e-08 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	13.04	72.74
1	25.61	1.43
2	38.65	1.15

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	13.04	79.84
1	25.61	1.26