

# Measurements

March 15, 2022

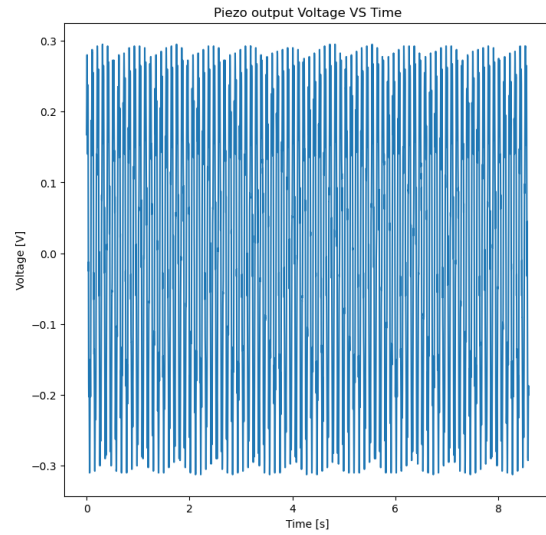
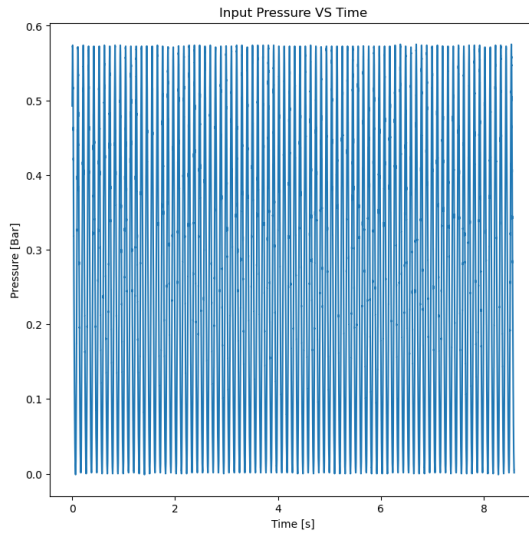
## 1 PARAMETERS

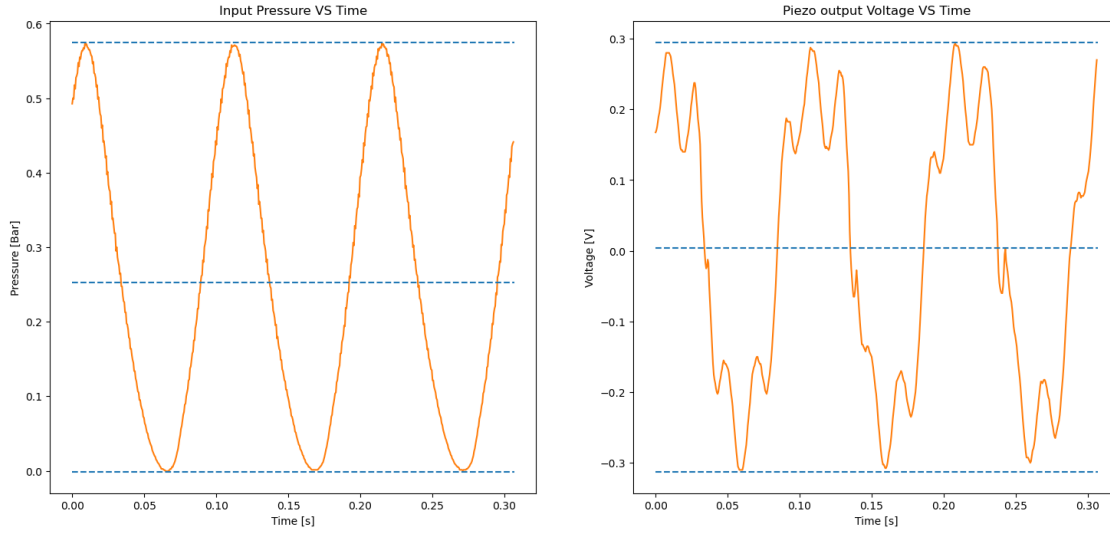
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	700000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

## 2 PRESSURE AND VOLTAGE MEASUREMENTS

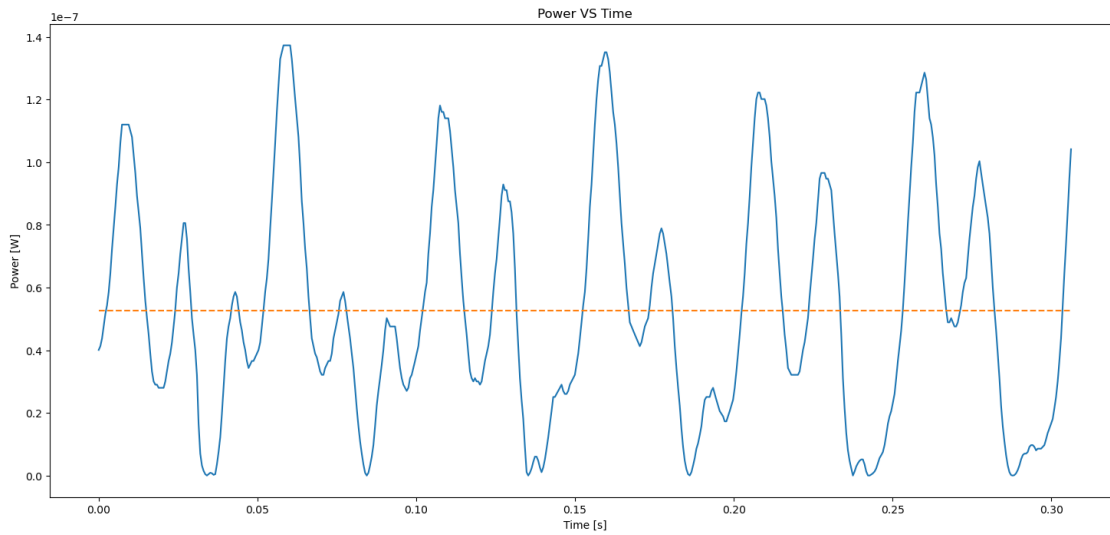
The input frequency is: 9.78 Hz





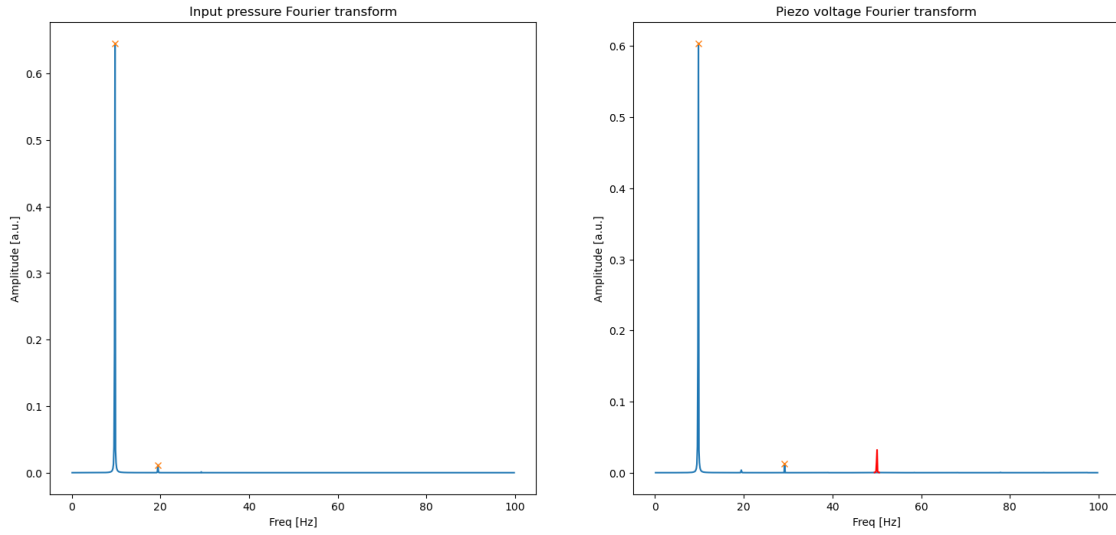
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-1.25e-03	5.75e-01	5.76e-01	2.52e-01	2.52e-01
1	Voltage [V]	-3.12e-01	2.95e-01	6.07e-01	4.39e-03	1.77e-01

### 3 POWER



Mean power: 5.26e-08 [W]

## 4 FREQUENCY ANALYSIS



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	60.39
1	29.22	1.27

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	64.55
1	19.44	1.16