

# Measurements

March 18, 2022

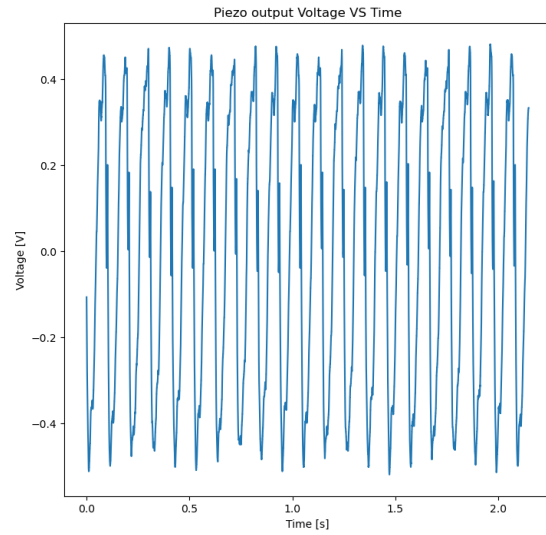
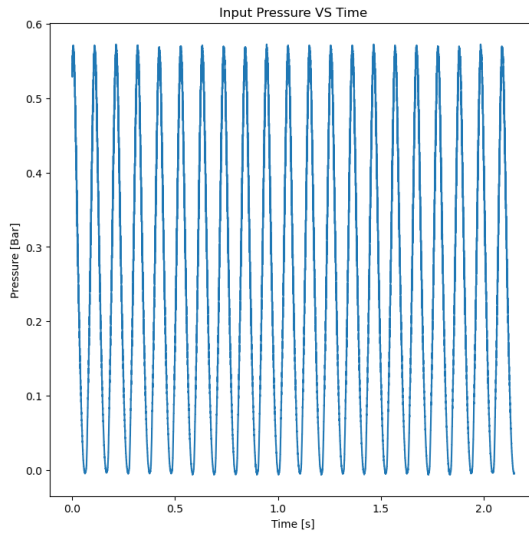
## 1 PARAMETERS

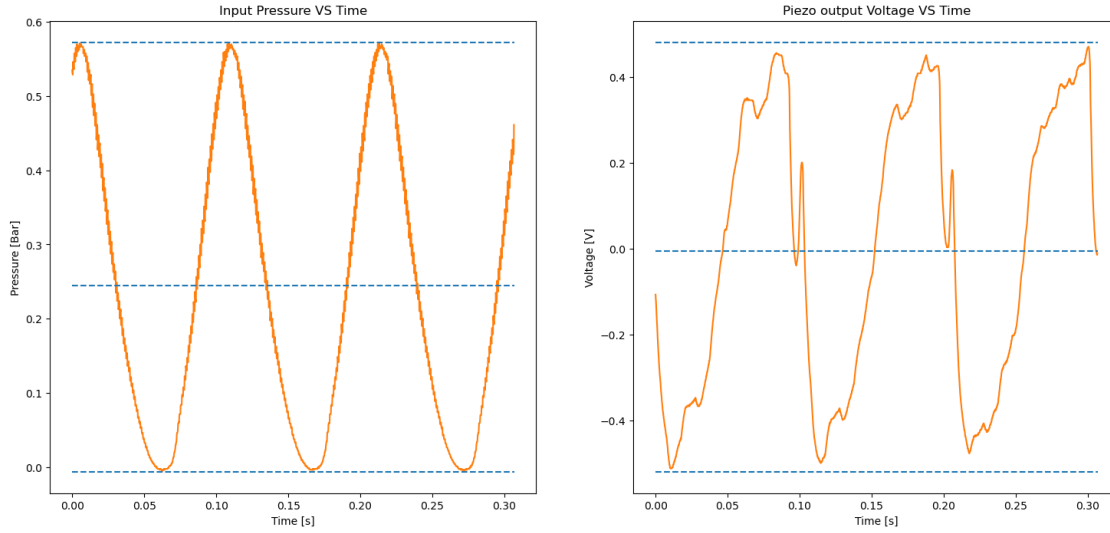
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	2.147483648	[s]
2	Rload	5000000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

## 2 PRESSURE AND VOLTAGE MEASUREMENTS

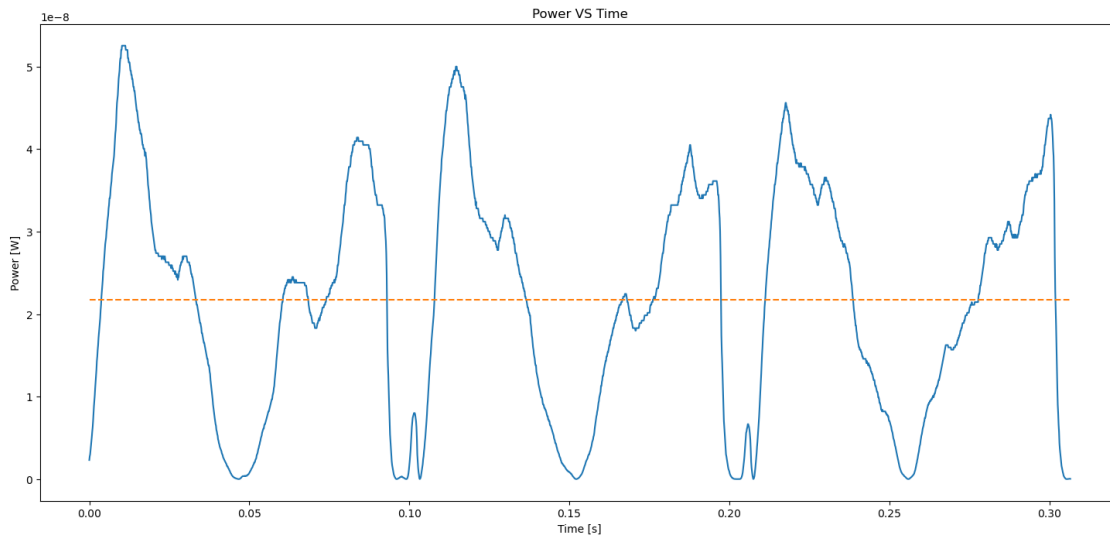
The input frequency is: 9.78 Hz





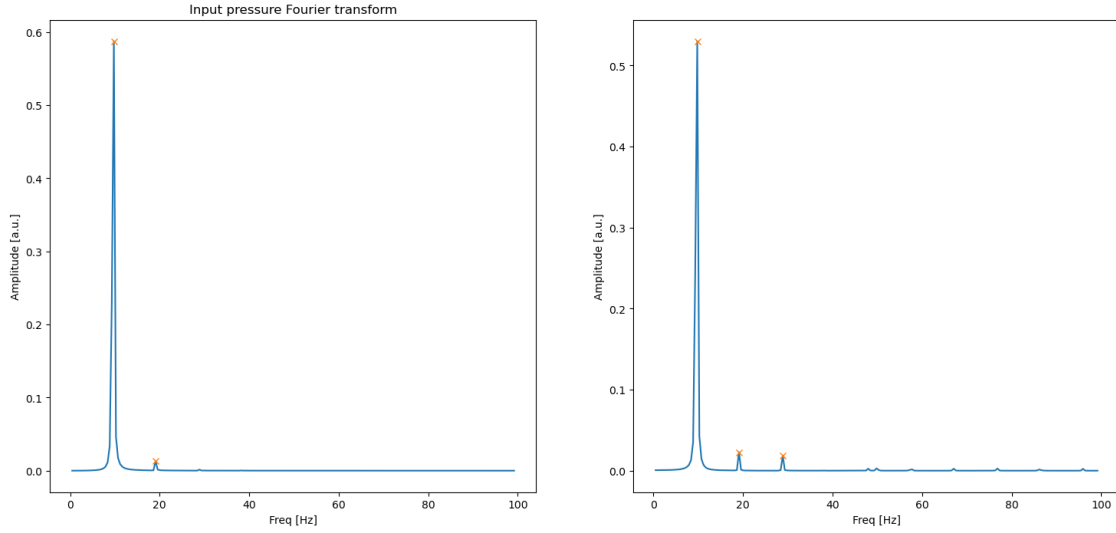
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-6.25e-03	5.73e-01	5.79e-01	2.45e-01	2.46e-01
1	Voltage [V]	-5.20e-01	4.80e-01	1.00e+00	-7.03e-03	2.97e-01

### 3 POWER



Mean power: 2.18e-08 [W]

## 4 FREQUENCY ANALYSIS



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	53.00
1	19.09	2.29
2	28.87	1.86

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	58.74
1	19.09	1.33