

# Measurements

March 18, 2022

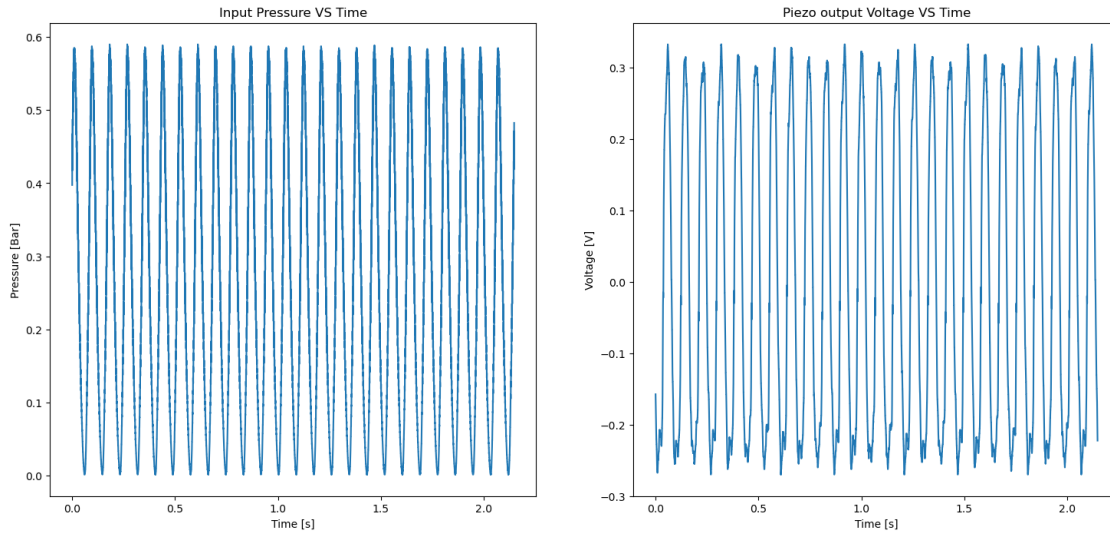
## 1 PARAMETERS

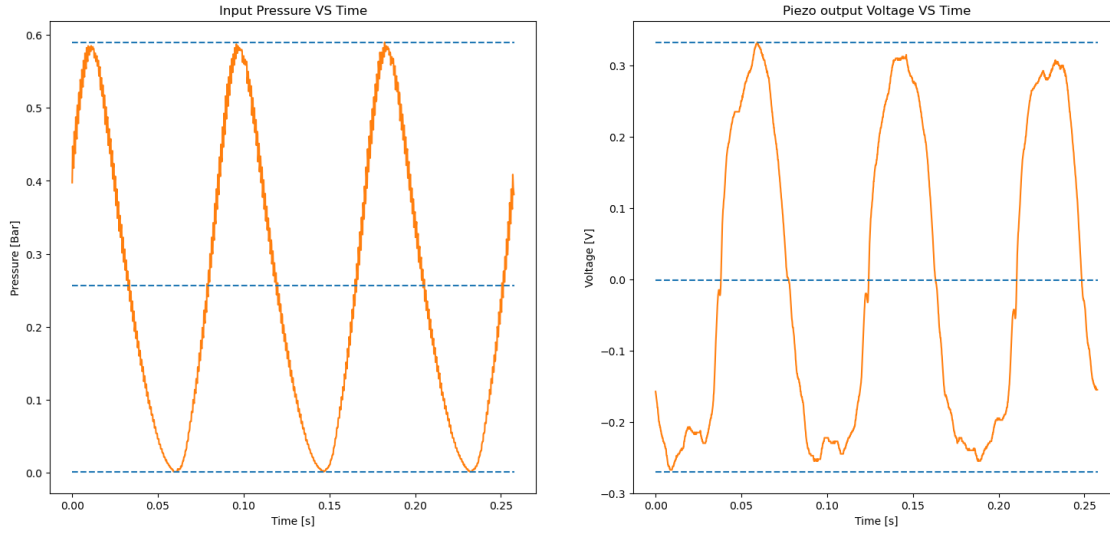
Sample name: ES.PVDF.E9.30m.100nm.11.64

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E9.30m.100nm.11.64	
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

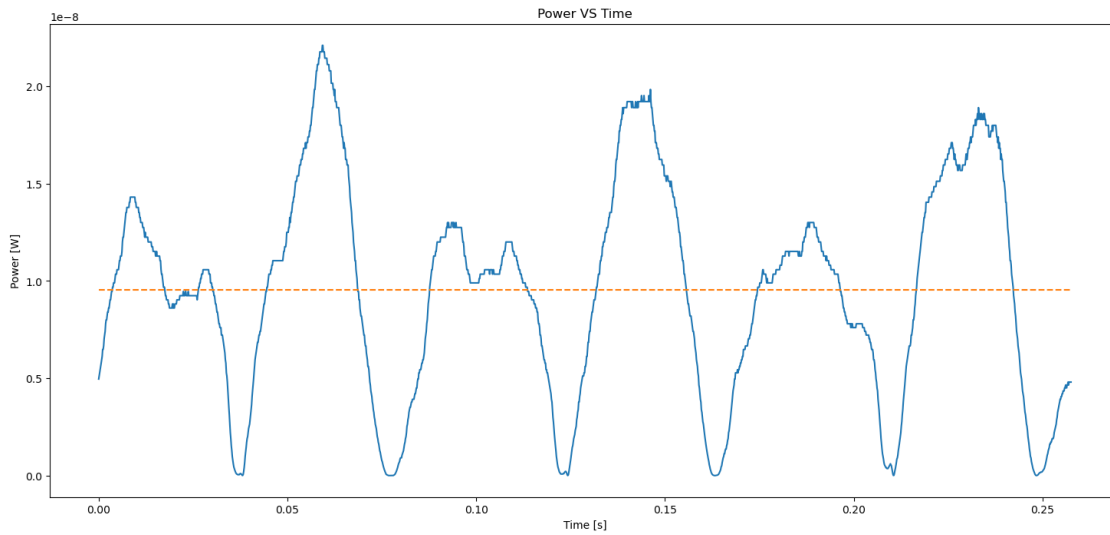
The input frequency is: 11.64 Hz





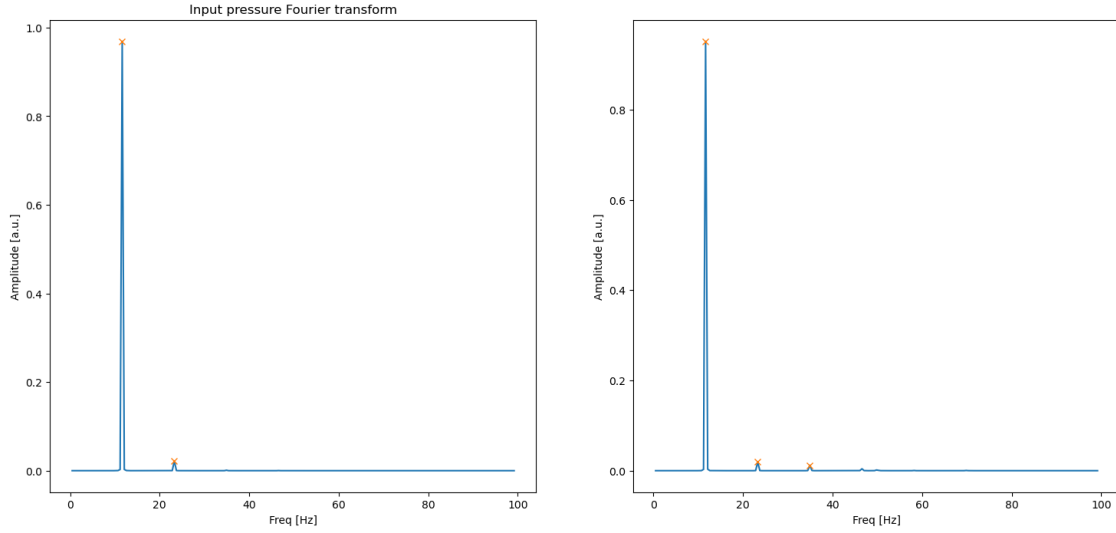
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	1.25e-03	5.90e-01	5.89e-01	2.57e-01	2.57e-01
1	Voltage [V]	-2.70e-01	3.33e-01	6.03e-01	-1.00e-03	2.05e-01

### 3 POWER



Mean power: 9.56e-09 [W]

## 4 FREQUENCY ANALYSIS



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.64	95.15
1	23.28	1.94
2	34.93	1.20

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.64	96.92
1	23.28	2.19