

# Measurements

March 18, 2022

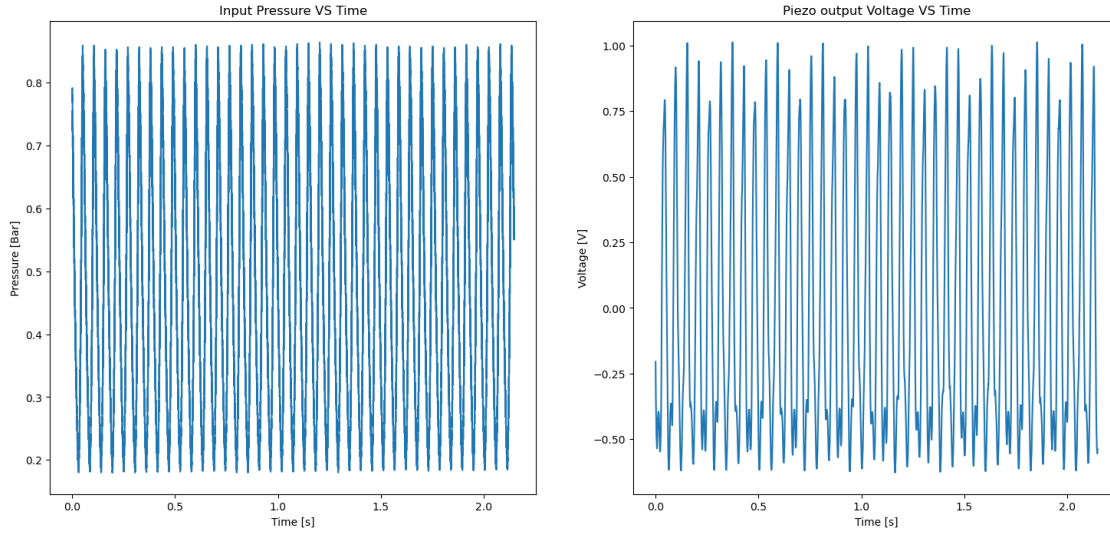
## 1 PARAMETERS

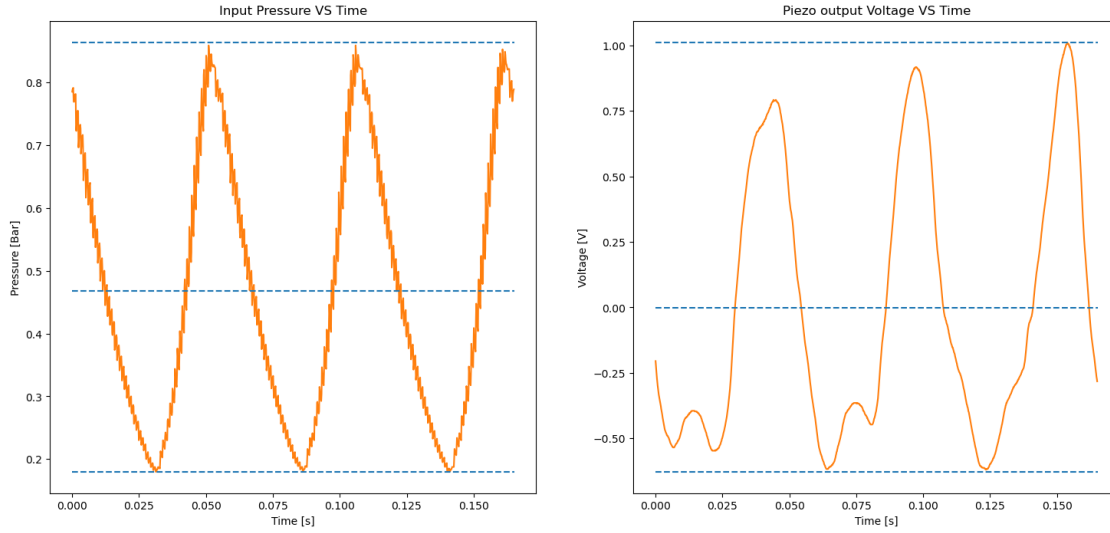
Sample name: ES.PVDF.E0.0m.100nm

	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

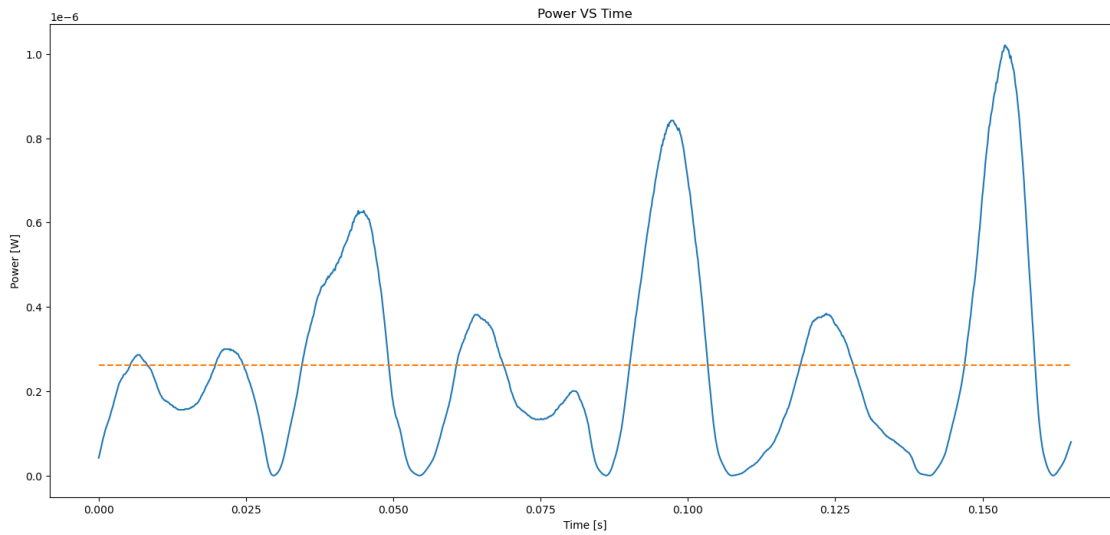
The input frequency is: 18.16 Hz





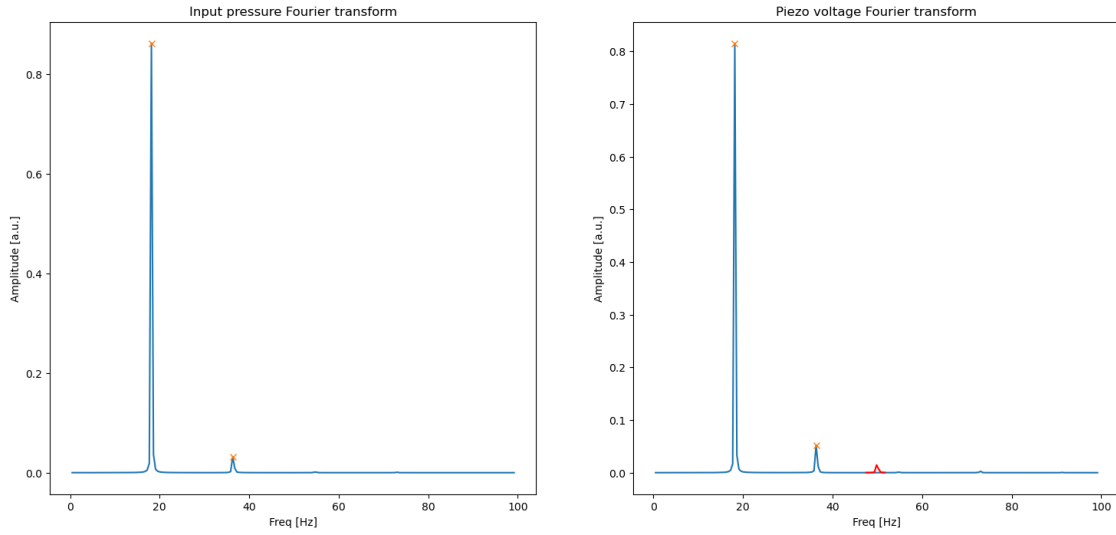
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	1.80e-01	8.64e-01	6.84e-01	4.68e-01	4.68e-01
1	Voltage [V]	-6.27e-01	1.01e+00	1.64e+00	-1.56e-03	4.55e-01

### 3 POWER



Mean power: 2.62e-07 [W]

## 4 FREQUENCY ANALYSIS



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	18.16	81.55
1	36.32	5.19

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	18.16	86.17
1	36.32	3.18