

Measurements

March 15, 2022

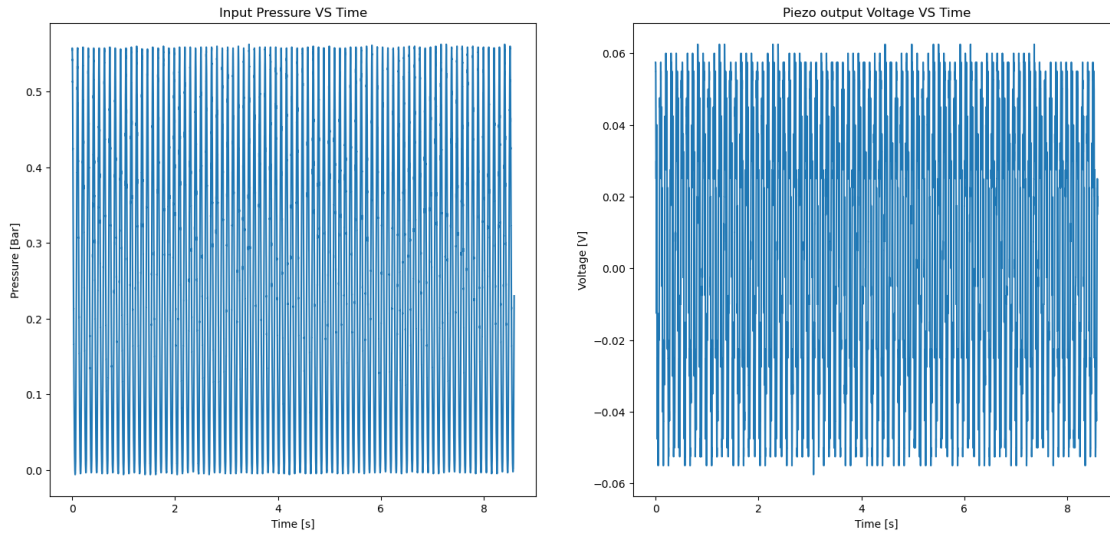
1 PARAMETERS

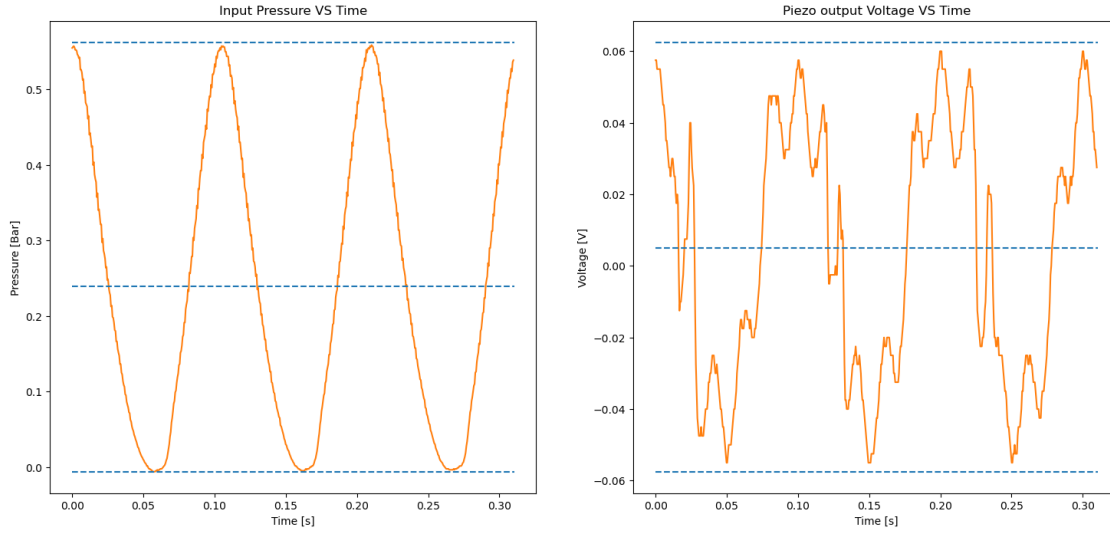
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	80000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

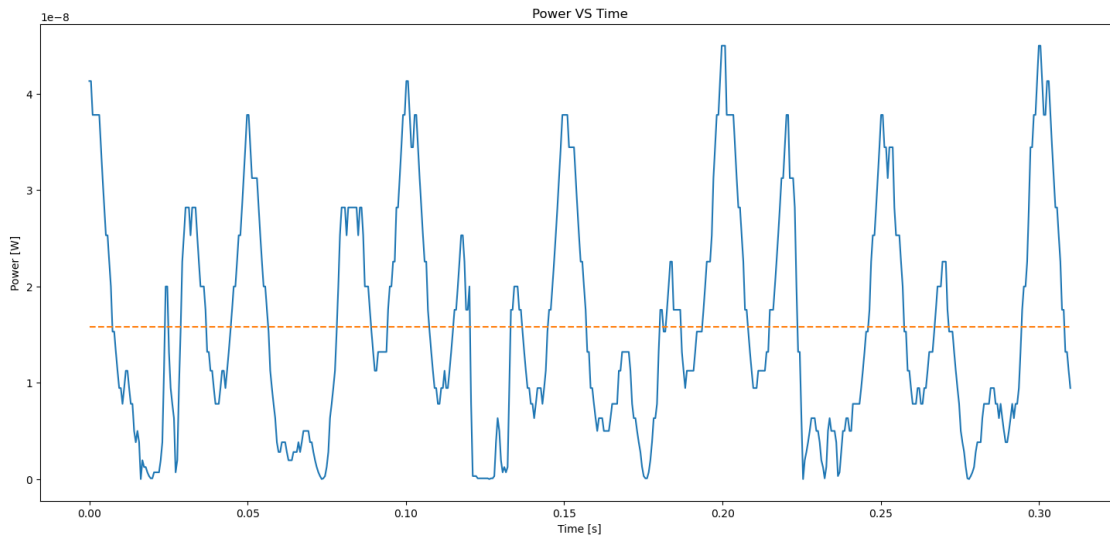
The input frequency is: 9.66 Hz





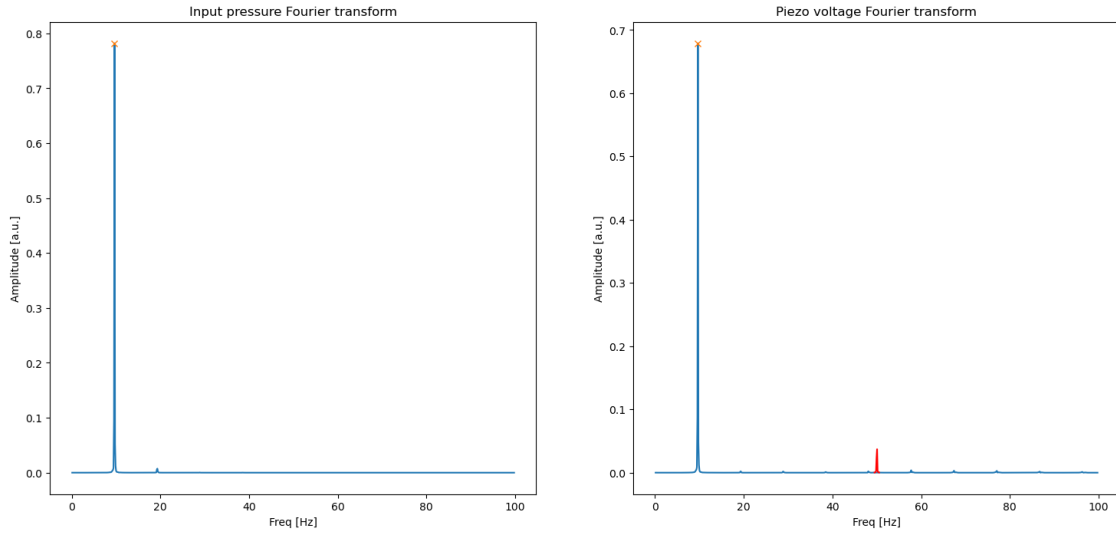
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-6.25e-03	5.62e-01	5.69e-01	2.39e-01	2.40e-01
1	Voltage [V]	-5.75e-02	6.25e-02	1.20e-01	4.97e-03	3.26e-02

3 POWER



Mean power: $1.58\text{e-}08$ [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.66	67.90

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.66	78.19