

Measurements

March 15, 2022

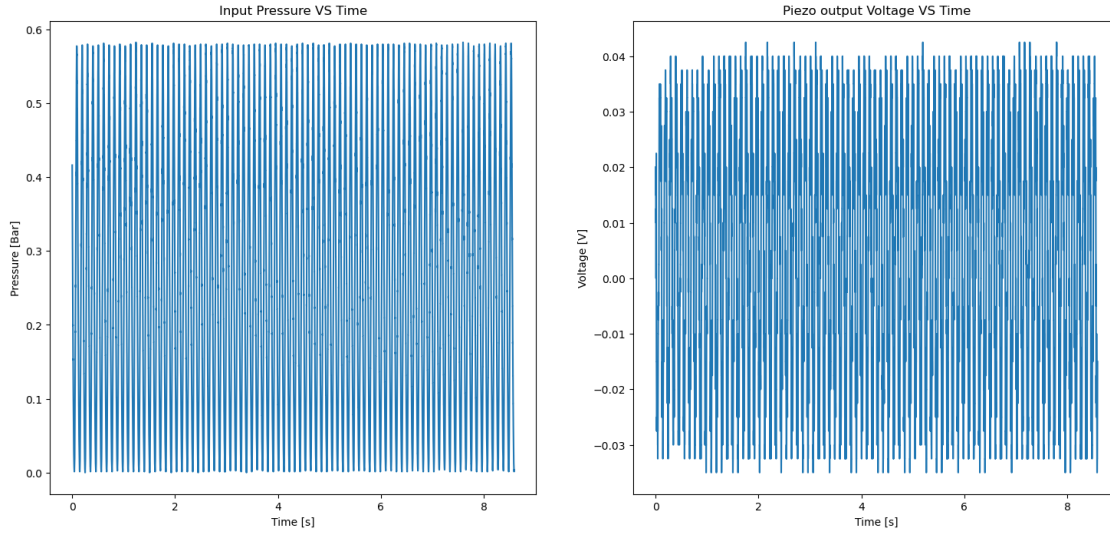
1 PARAMETERS

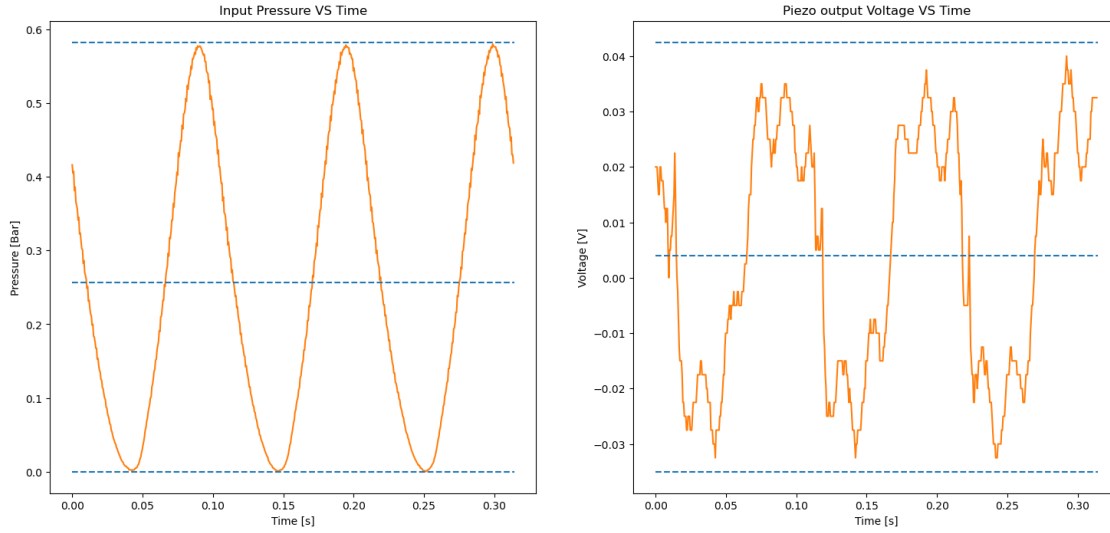
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	50000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

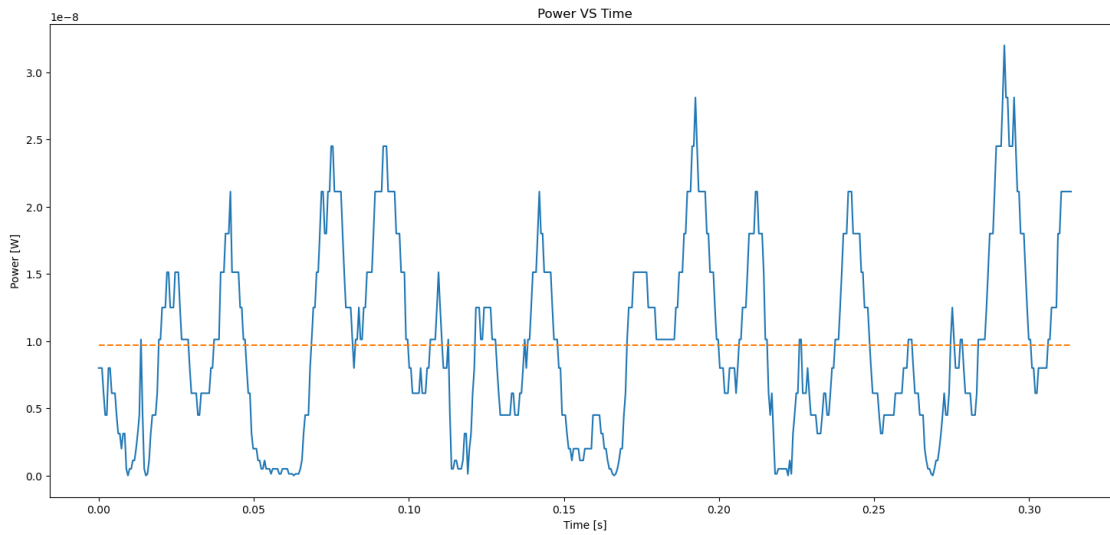
The input frequency is: 9.55 Hz





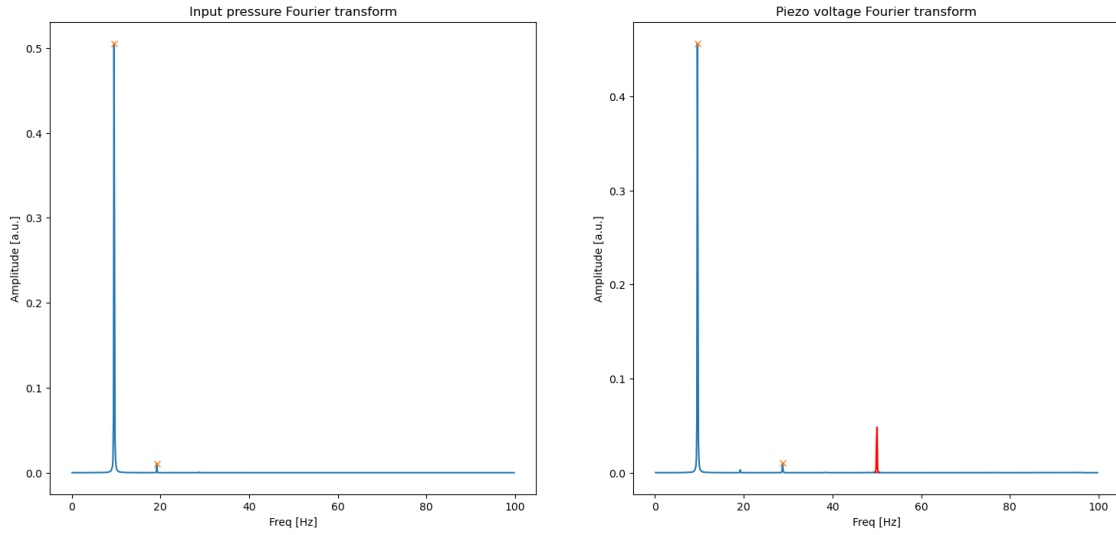
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	0.00e+00	5.83e-01	5.83e-01	2.57e-01	2.57e-01
1	Voltage [V]	-3.50e-02	4.25e-02	7.75e-02	4.06e-03	2.03e-02

3 POWER



Mean power: 9.70×10^{-9} [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.55	45.63
1	28.76	1.02

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.55	50.54
1	19.21	1.10