

Measurements

March 15, 2022

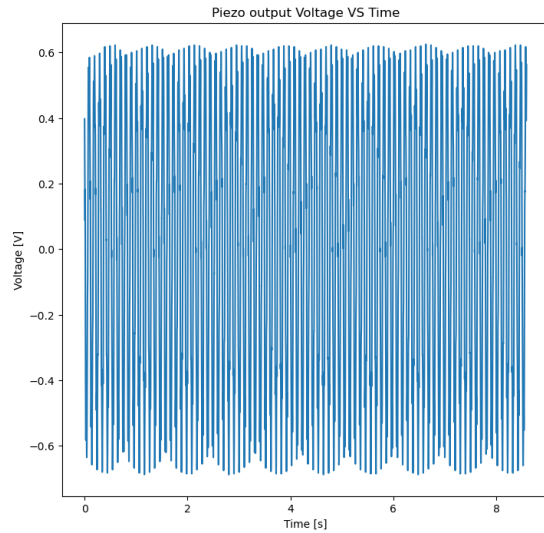
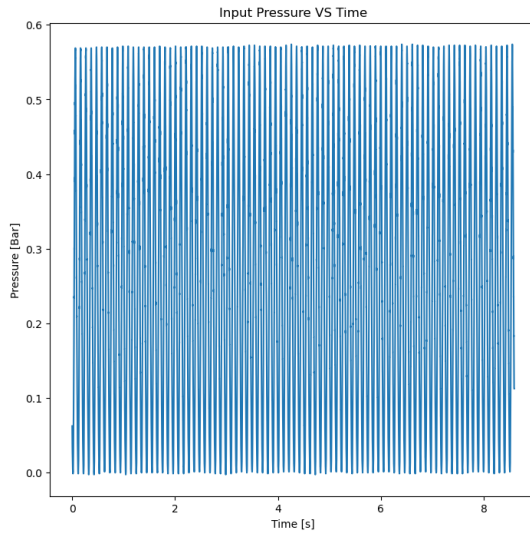
1 PARAMETERS

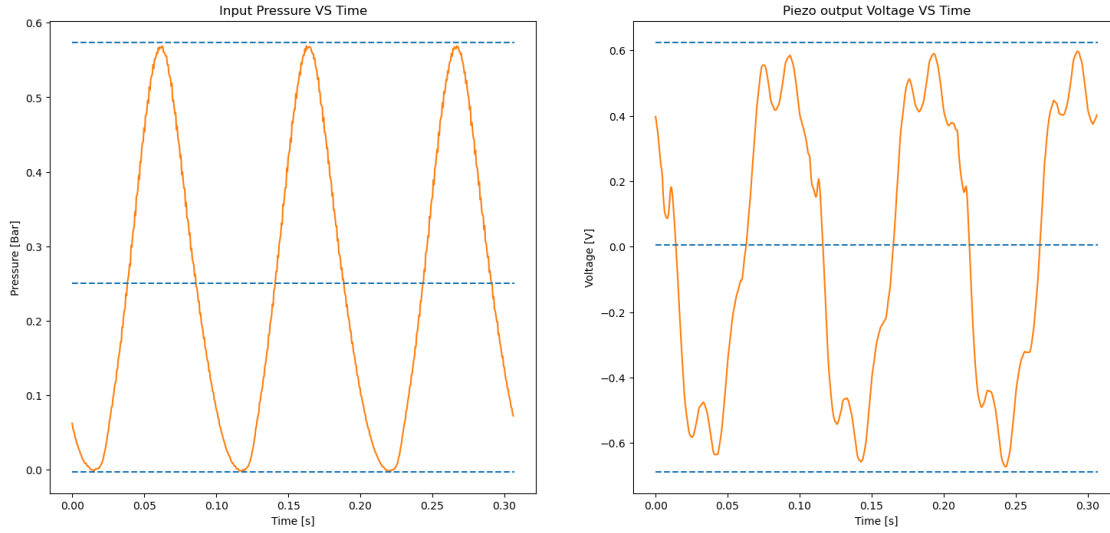
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	10000000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

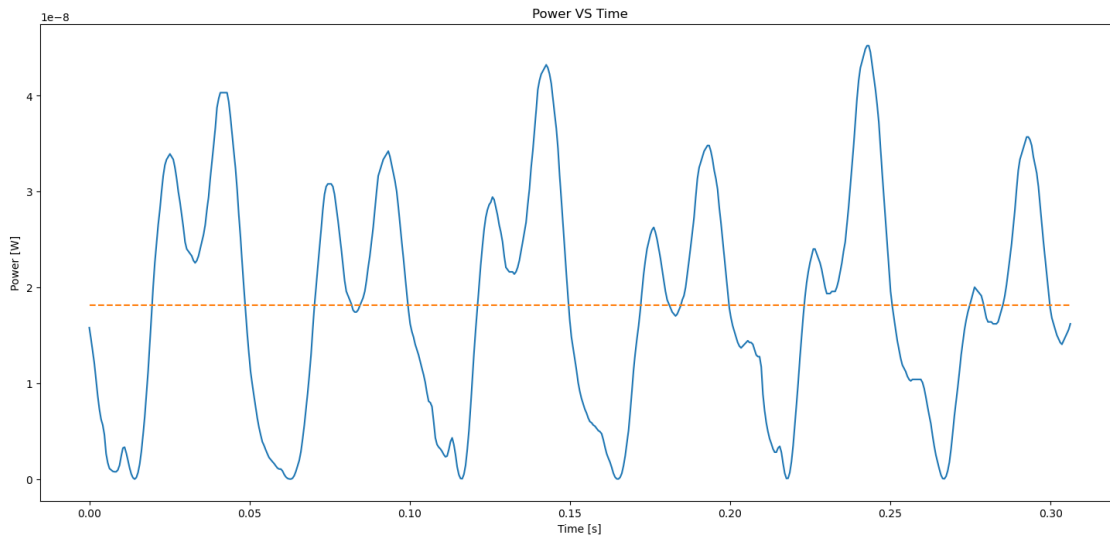
The input frequency is: 9.78 Hz





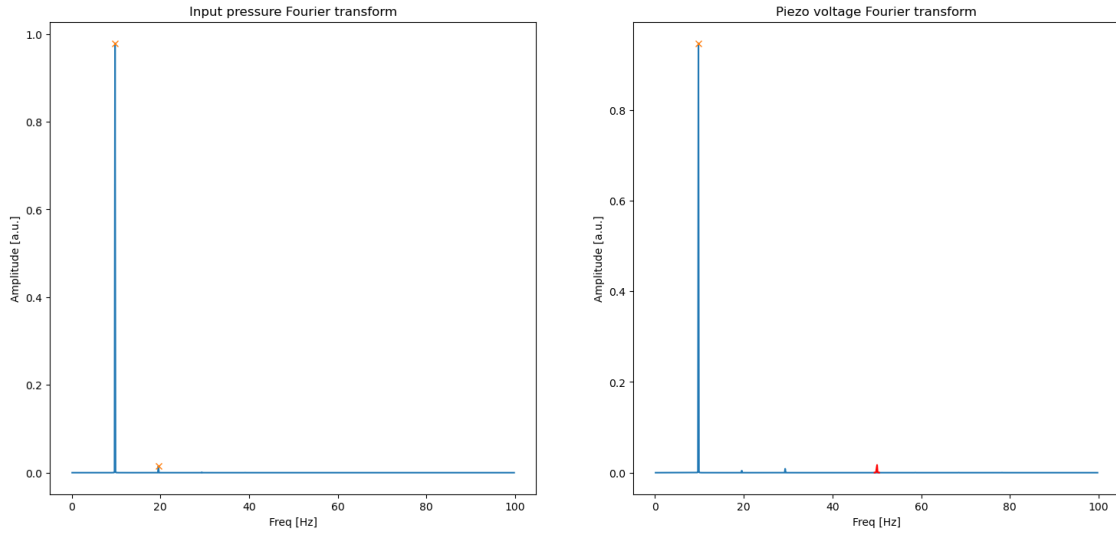
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-2.50e-03	5.74e-01	5.76e-01	2.51e-01	2.51e-01
1	Voltage [V]	-6.88e-01	6.25e-01	1.31e+00	4.86e-03	3.93e-01

3 POWER



Mean power: 1.82e-08 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	94.72

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.78	97.87
1	19.56	1.51