

Measurements

March 18, 2022

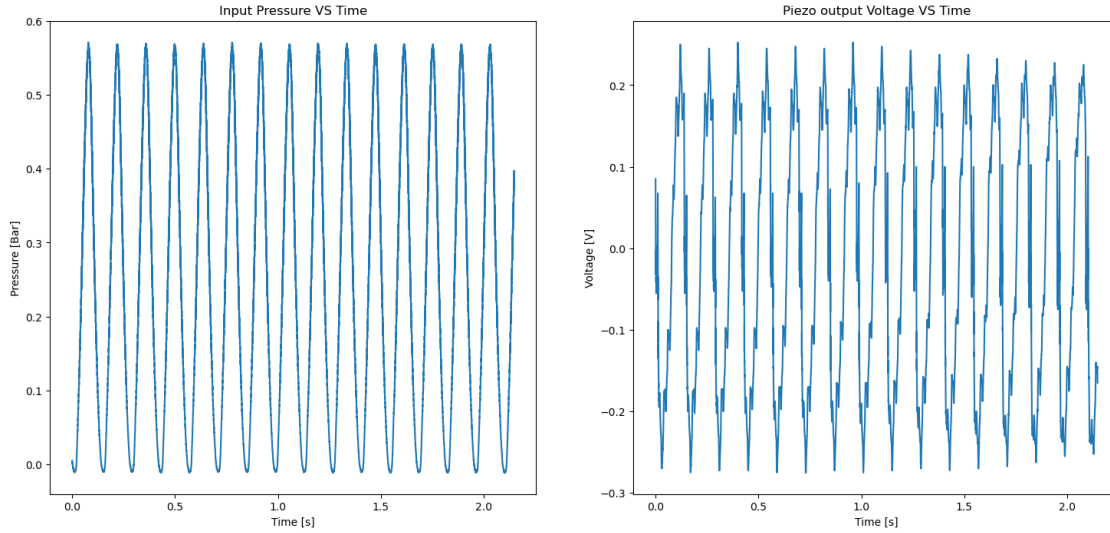
1 PARAMETERS

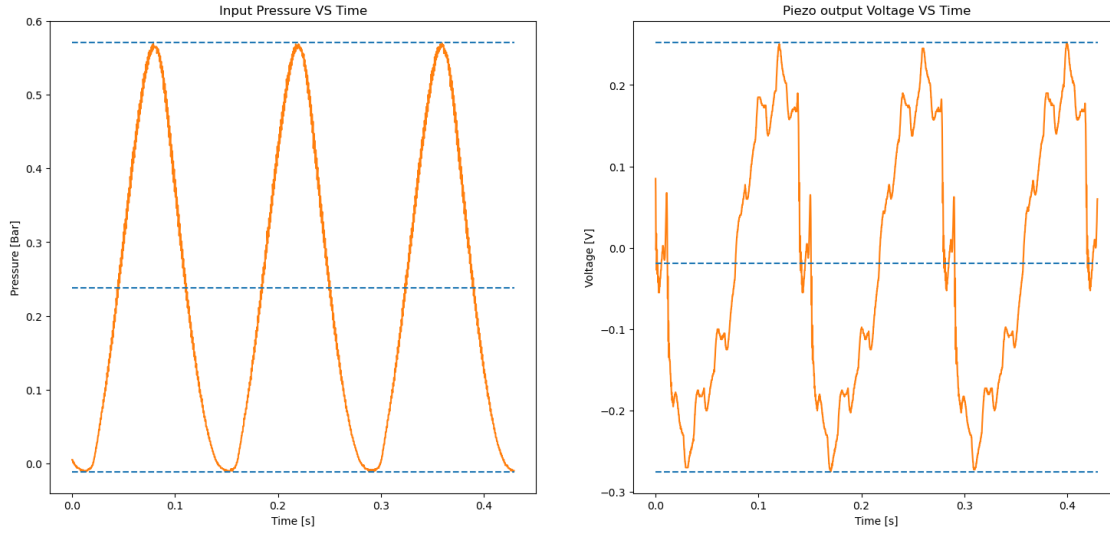
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	2.147483648	[s]
2	Rload	6000000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

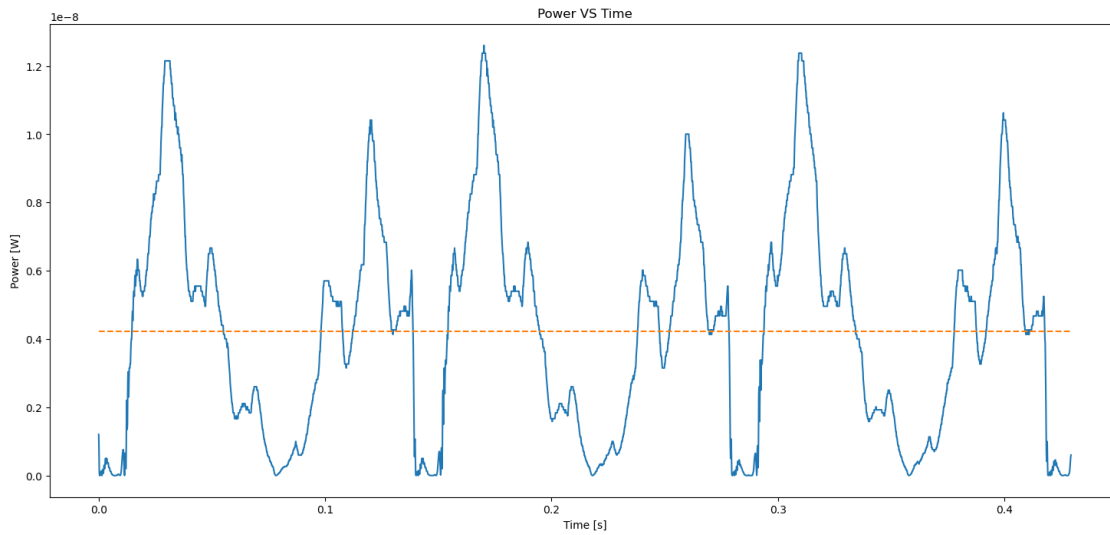
The input frequency is: 6.99 Hz





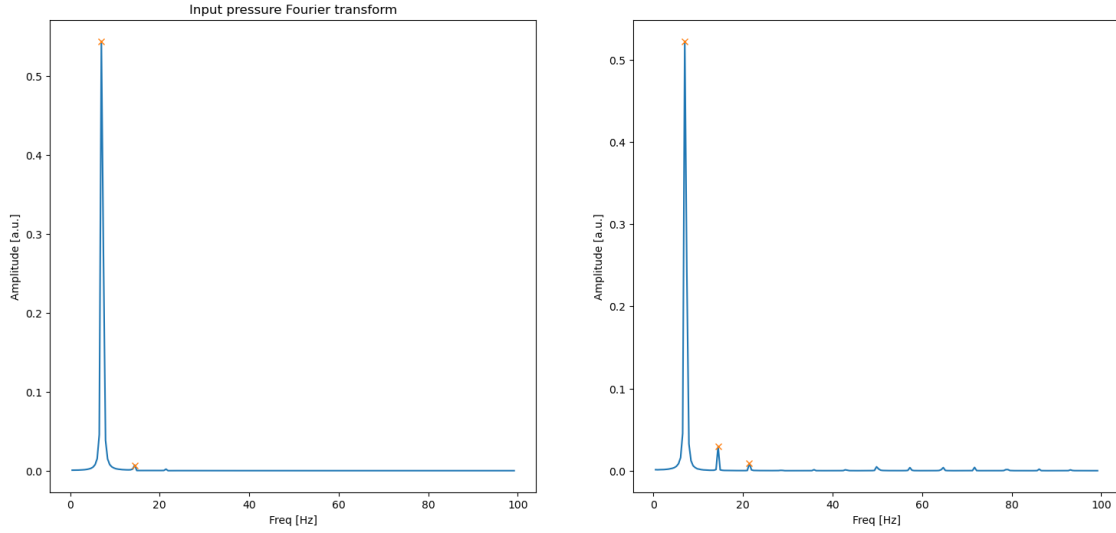
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-1.12e-02	5.71e-01	5.83e-01	2.39e-01	2.41e-01
1	Voltage [V]	-2.75e-01	2.53e-01	5.28e-01	-1.87e-02	1.48e-01

3 POWER



Mean power: 4.23e-09 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	6.99	52.24
1	14.44	2.92
2	21.42	0.88

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	6.99	54.38
1	14.44	0.70