

Measurements

April 22, 2022

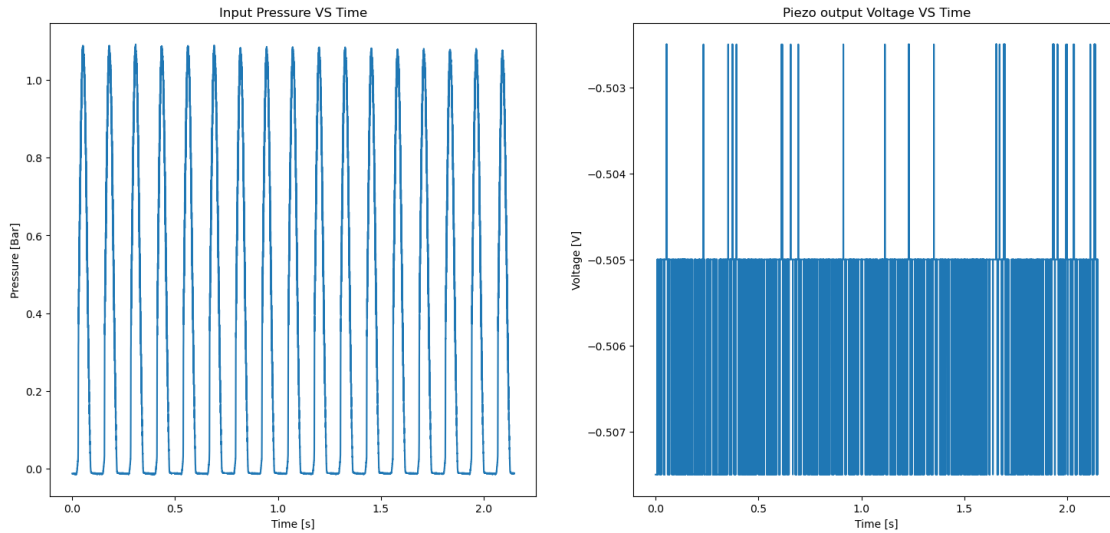
1 PARAMETERS

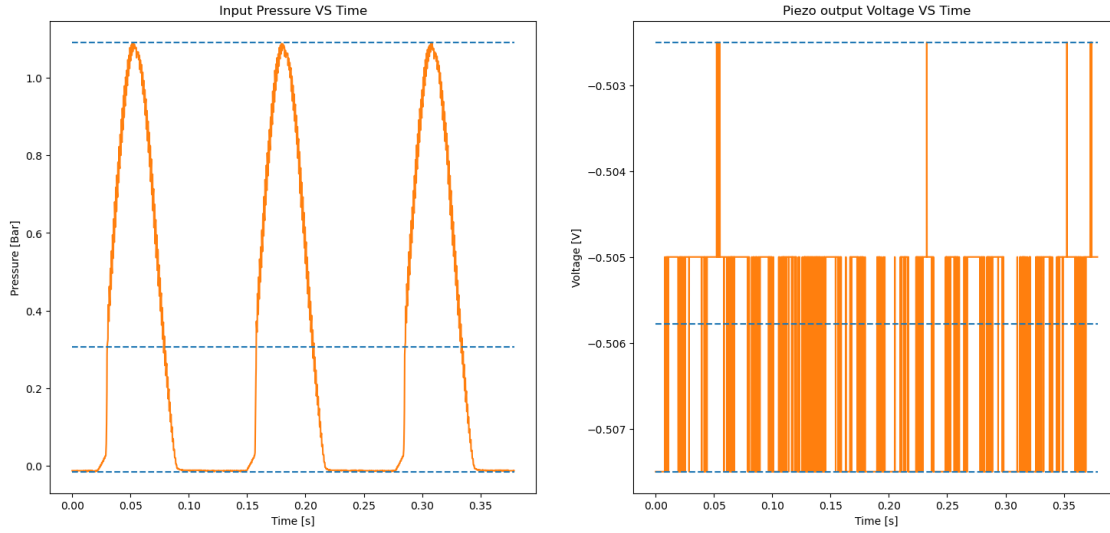
Sample name: ES.PVDV.E9.45m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDV.E9.45m.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

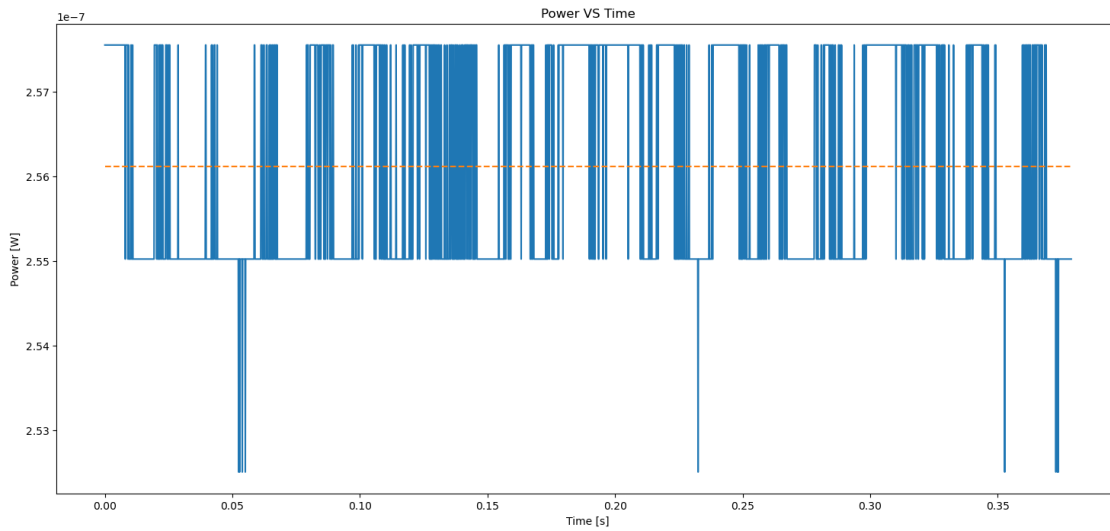
The input frequency is: 7.92 Hz





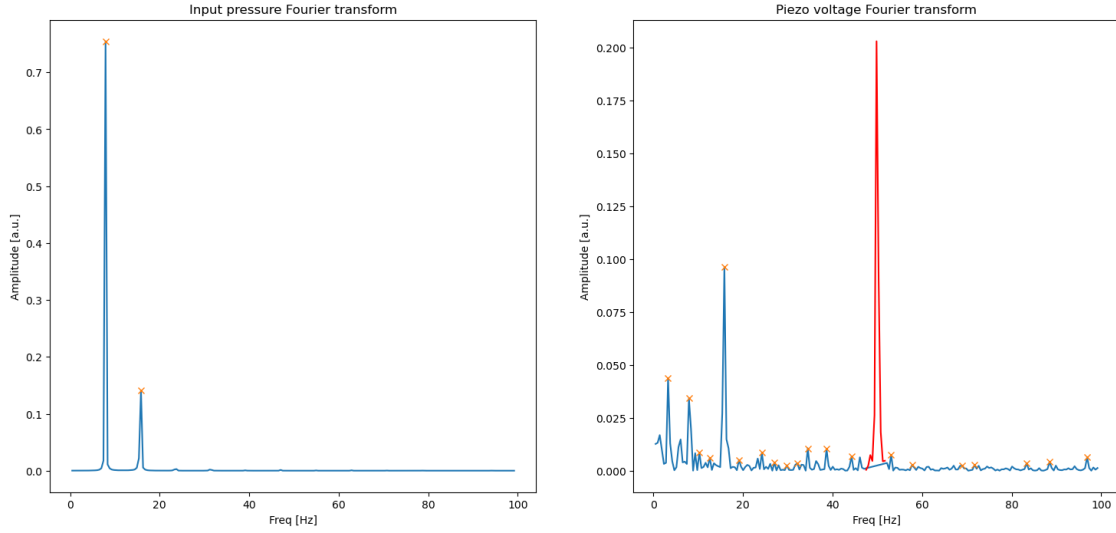
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-1.50e-02	1.09e+00	1.11e+00	3.07e-01	3.18e-01
1	Voltage [V]	-5.07e-01	-5.02e-01	5.00e-03	-5.06e-01	5.06e-01

3 POWER



Mean power: 2.56e-07 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	3.26	4.38
1	7.92	3.42
2	10.25	0.86
3	12.57	0.60
4	15.83	9.62
5	19.09	0.51
6	24.22	0.85
7	27.01	0.39
8	29.80	0.26
9	32.13	0.35
10	34.46	1.06
11	38.65	1.03
12	44.24	0.67
13	53.09	0.74
14	57.75	0.27
15	68.92	0.25
16	71.72	0.27
17	83.36	0.36
18	88.48	0.42
19	96.86	0.63

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	7.92	75.47
1	15.83	14.05