Measurements

March 16, 2022

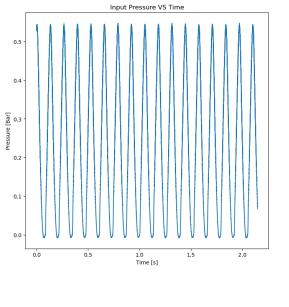
1 PARAMETERS

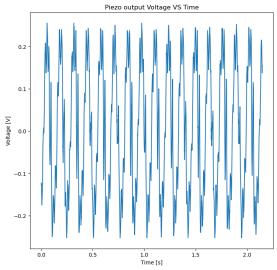
Sample	name:	test

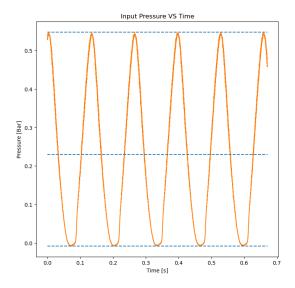
	Parameter	Value	Unit
0	Sample name	test	
1	Measure duration	3.0	[s]
2	Rload	300000.0	[Ohms]
3	Nb Periods	5.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

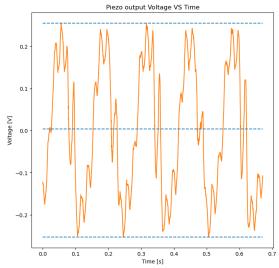
2 PRESSURE AND VOLTAGE MEASUREMENTS

The input frequency is: 7.45 Hz



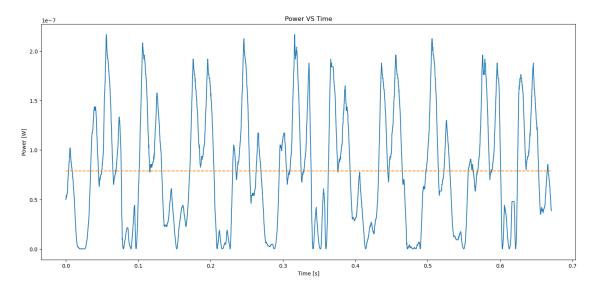






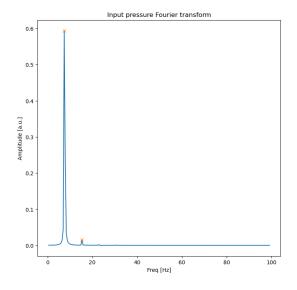
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-7.50e-03	5.47e-01	5.55e-01	2.30e-01	2.32e-01
1	Voltage [V]	-2.53e-01	2.55e-01	5.08e-01	4.06e-03	1.37e-01

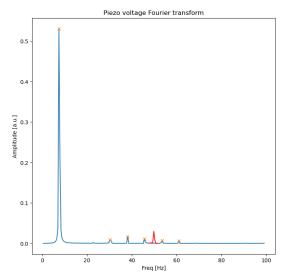
3 POWER



Mean power: 7.87e-08 [W]

4 FREQUENCY ANALYSIS





4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	7.45	53.04
1	30.27	0.94
2	38.19	1.73
3	45.64	1.09
4	53.55	0.71
5	61.01	0.63

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	7.45	59.40
1	15.37	1.52