

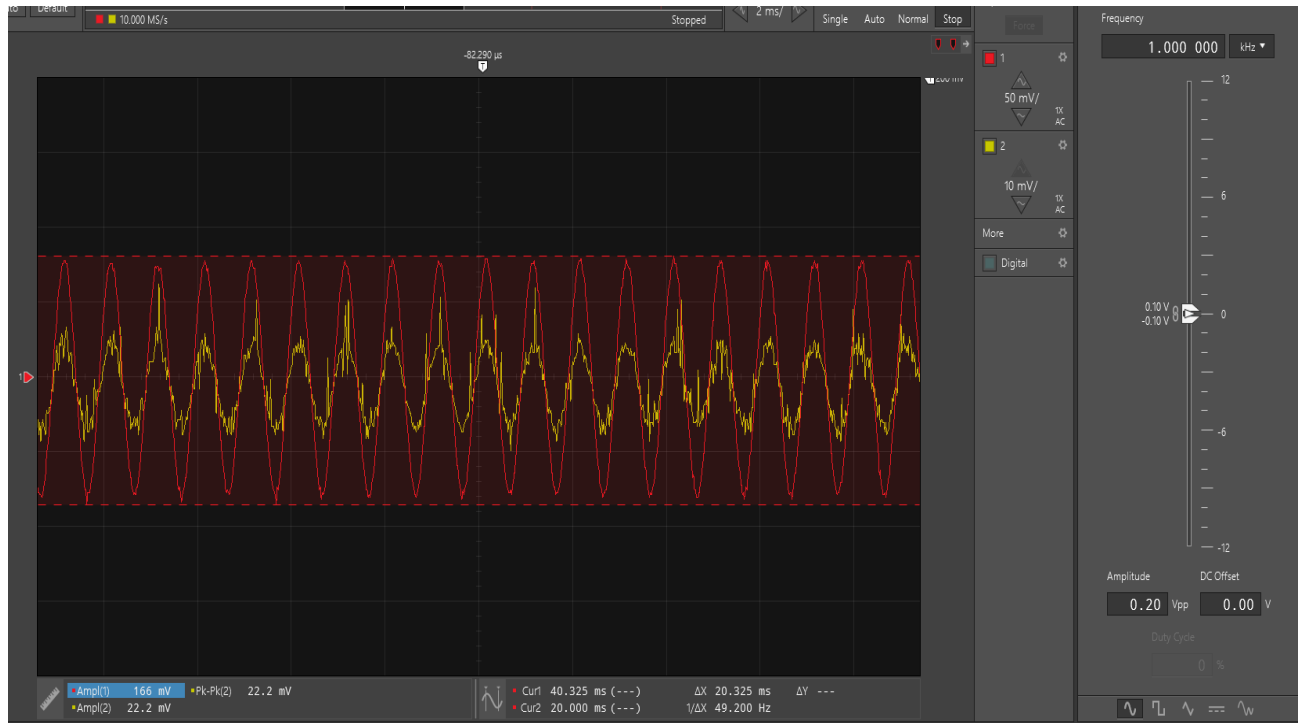
Lab experiment results

EXPERMIJNERT3

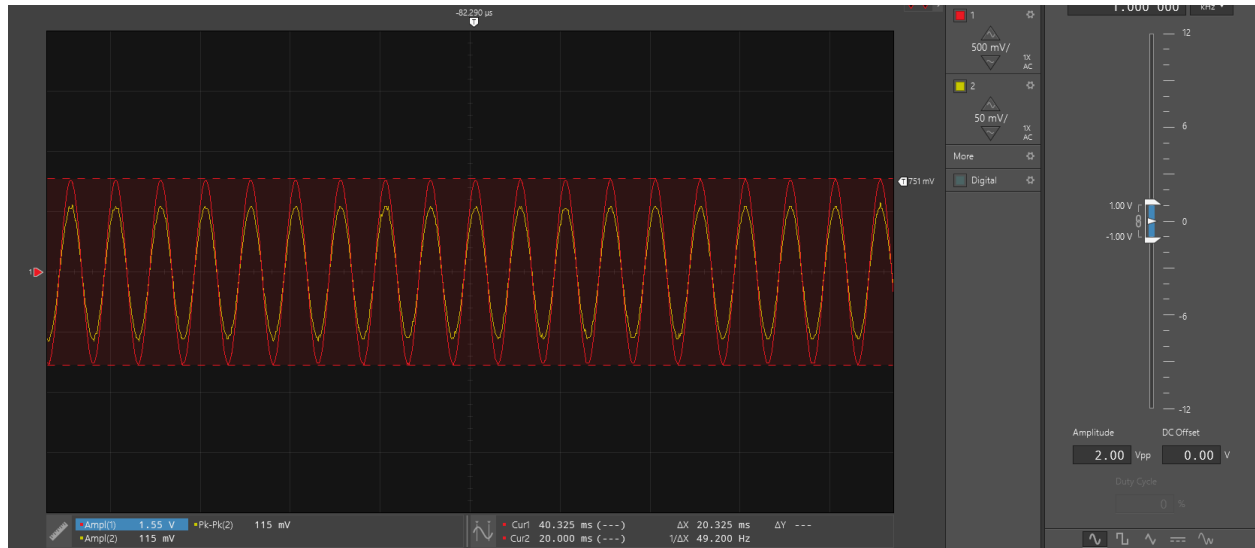
C = 0.20



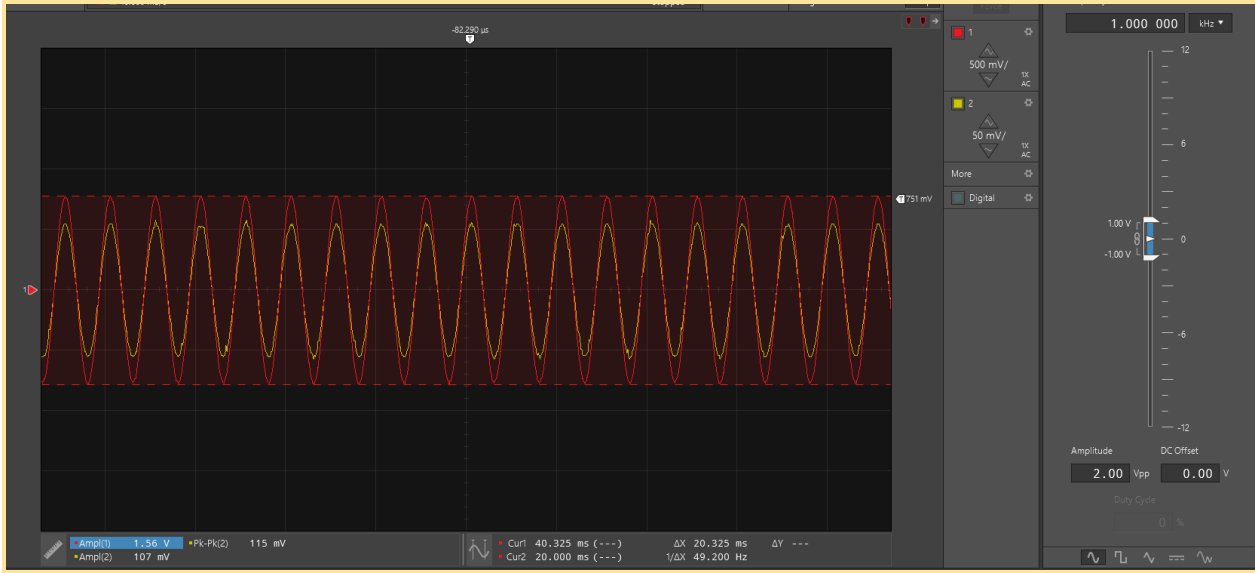
E = 0.20



C = 2.00



E = 2.00



CAMPL_0.2_CH1

Measurements

Oscilloscope

- 1
- 2

Clear All

Voltage

Amplitude	Low	RMS
132 mV	-65.9 mV	53.8 mV
Peak-to-peak	Minimum	Mean
165 mV	-82.3 mV	-4.62 mV
High	Overshoot	Cycle RMS
65.9 mV	--- %	--- V
Maximum	Undershoot	Cycle Mean
82.3 mV	12.4 %	--- V

Time

Period	Pos Pulse Width	Rise Rate
--- s	--- s	--- V/s
Frequency	Neg Pulse Width	Fall Rate
--- Hz	--- s	--- V/s
Pos Duty Cycle	Rise Time	
--- %	--- s	
Neg Duty Cycle	Fall Time	
--- %	--- s	

Camp1_0.2_ch2

Measurements

Oscilloscope

- 1
- 2

Clear All

Voltage

Amplitude	Low	RMS
8.18 mV	-4.90 mV	3.99 mV
Peak-to-peak	Minimum	Mean
19.8 mV	-9.88 mV	-680 μ V
High	Overshoot	Cycle RMS
3.28 mV	40.4 %	--- V
Maximum	Undershoot	Cycle Mean
9.88 mV	20.6 %	--- V

Time

Period	Pos Pulse Width	Rise Rate
--- s	--- s	--- V/s
Frequency	Neg Pulse Width	Fall Rate
--- Hz	--- s	--- V/s
Pos Duty Cycle	Rise Time	
--- %	--- s	
Neg Duty Cycle	Fall Time	
--- %	--- s	

CAMPLT_2.00

Measurements

Oscilloscope

- 1
- 2

Clear All

Voltage

Amplitude	Low	RMS
1.55 V	-774 mV	542 mV
Peak-to-peak	Minimum	Mean
1.55 V	-774 mV	3.97 mV
High	Overshoot	Cycle RMS
774 mV	--- %	--- V
Maximum	Undershoot	Cycle Mean
774 mV	--- %	--- V

Time

Period	Pos Pulse Width	Rise Rate
--- s	--- s	--- V/s
Frequency	Neg Pulse Width	Fall Rate
--- Hz	--- s	--- V/s
Pos Duty Cycle	Rise Time	
--- %	--- s	
Neg Duty Cycle	Fall Time	
--- %	--- s	

CAMPLT_2.00CH2

Measurements

Oscilloscope

- 1
- 2

Clear All

Voltage

Amplitude	Low	RMS
115 mV	-57.6 mV	38.8 mV
Peak-to-peak	Minimum	Mean
115 mV	-57.6 mV	-507 μ V
High	Overshoot	Cycle RMS
57.6 mV	--- %	--- V
Maximum	Undershoot	Cycle Mean
57.6 mV	--- %	--- V

Time

Period	Pos Pulse Width	Rise Rate
--- s	--- s	--- V/s
Frequency	Neg Pulse Width	Fall Rate
--- Hz	--- s	--- V/s
Pos Duty Cycle	Rise Time	
--- %	--- s	
Neg Duty Cycle	Fall Time	
--- %	--- s	

EAMPL_0.2_CH2

Measurements

Oscilloscope

- 1
- 2

Clear All

Voltage

Amplitude	Low	RMS
8.28 mV	-4.96 mV	4.16 mV
Peak-to-peak	Minimum	Mean
18.1 mV	-9.88 mV	-988 μ V
High	Overshoot	Cycle RMS
3.31 mV	19.6 %	--- V
Maximum	Undershoot	Cycle Mean
8.23 mV	19.6 %	--- V

Time

Period	Pos Pulse Width	Rise Rate
--- s	--- s	--- V/s
Frequency	Neg Pulse Width	Fall Rate
--- Hz	--- s	--- V/s
Pos Duty Cycle	Rise Time	
--- %	--- s	
Neg Duty Cycle	Fall Time	
--- %	--- s	

EAMPL_2.00_CHA2

Measurements

Oscilloscope

- 1
- 2

Clear All

Voltage

Amplitude	Low	RMS
114 mV	-57.6 mV	38.5 mV
Peak-to-peak	Minimum	Mean
114 mV	-57.6 mV	-787 μ V
High	Overshoot	Cycle RMS
56.0 mV	--- %	--- V
Maximum	Undershoot	Cycle Mean
56.0 mV	--- %	--- V

Time

Period	Pos Pulse Width	Rise Rate
--- s	--- s	--- V/s
Frequency	Neg Pulse Width	Fall Rate
--- Hz	--- s	--- V/s
Pos Duty Cycle	Rise Time	
50.1 %	--- s	
Neg Duty Cycle	Fall Time	
49.9 %	--- s	

EAMPL_2.00CH1

Measurements

Oscilloscope

- 1
- 2

Clear All

Voltage

Amplitude	Low	RMS
1.53 V	-774 mV	537 mV
Peak-to-peak	Minimum	Mean
1.53 V	-774 mV	3.67 mV
High	Overshoot	Cycle RMS
757 mV	--- %	--- V
Maximum	Undershoot	Cycle Mean
757 mV	--- %	--- V

Time

Period	Pos Pulse Width	Rise Rate
--- s	--- s	--- V/s
Frequency	Neg Pulse Width	Fall Rate
--- Hz	--- s	--- V/s
Pos Duty Cycle	Rise Time	
--- %	--- s	
Neg Duty Cycle	Fall Time	
--- %	--- s	

EAMPLT_0.2_CH1

Measurements



Oscilloscope

- 1
- 2

Clear All

Voltage

Amplitude	Low	RMS
132 mV	-65.9 mV	54.2 mV
Peak-to-peak	Minimum	Mean
165 mV	-82.3 mV	-4.36 mV
High	Overshoot	Cycle RMS
65.9 mV	12.4 %	--- V
Maximum	Undershoot	Cycle Mean
82.3 mV	12.4 %	--- V

Time

Period	Pos Pulse Width	Rise Rate
--- s	--- s	--- V/s
Frequency	Neg Pulse Width	Fall Rate
--- Hz	--- s	--- V/s
Pos Duty Cycle	Rise Time	
49.0 %	--- s	
Neg Duty Cycle	Fall Time	
51.0 %	--- s	

Experiment 4

