



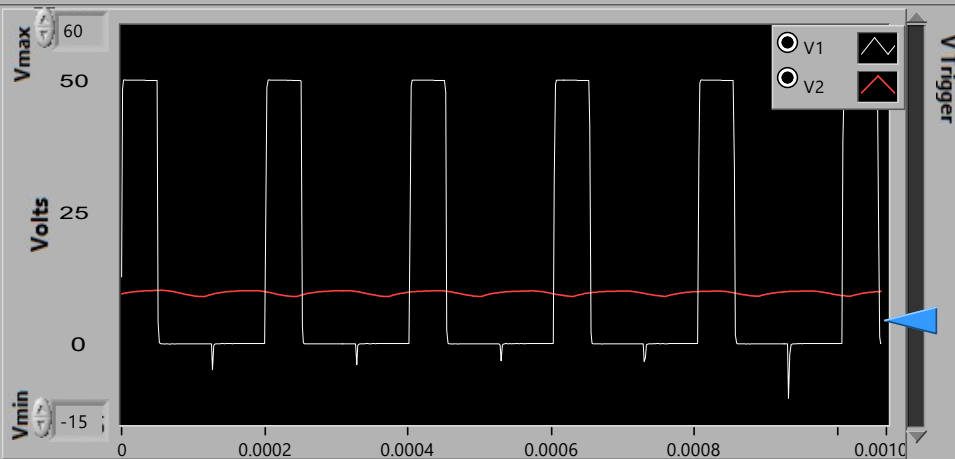
DC Motor Analysis.vi

C:\Users\Public\Desktop\LabVIEW_Applications_2018\DC Motor Analysis.exe\DC Motor Analysis.vi

Last modified on 2022-11-02 at 10:25 AM

Printed on 2022-11-02 at 10:25 AM

DC Motor Analysis



Sampling Control

Ch1 Trigger

Volts

Amps

Period (mS)



Channel 1

A1 Avg

0.77

Zero A1

V1 Avg

13.99

Ch1 KHz

5.0

Ch1 Watts

15.0

Ch1 Duty

0.25

Channel 2

A2 Avg

0.98

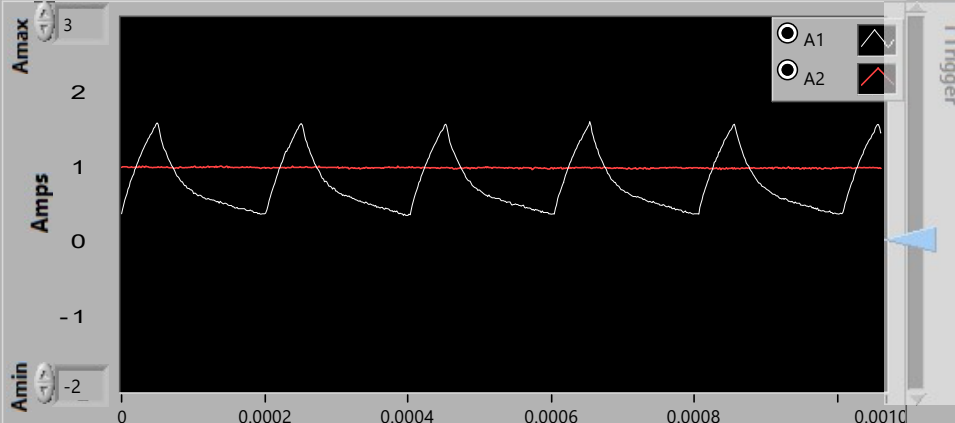
Zero A2

V2 Avg

9.52

Ch2 Watts

9.4



Torque and Speed

Zero current/torque/
speed while motor is
not running

Torque

-0.51

Zero Torque

Speed

456

Zero RPM

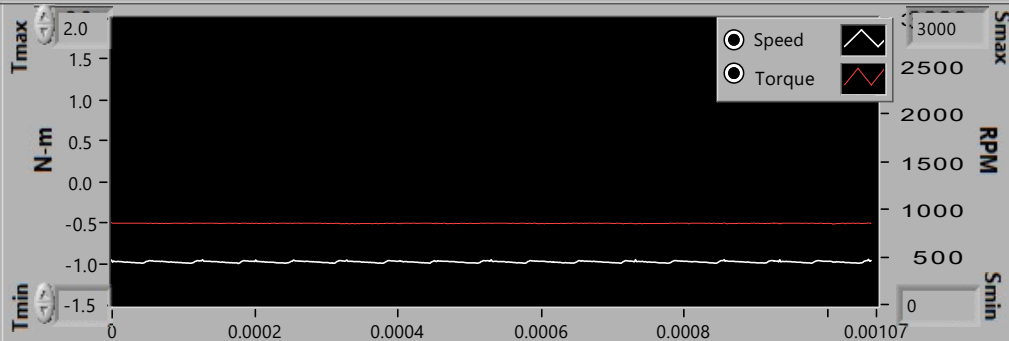
Digital Filter Control

Cutoff Frequency (Hz)



Filter

OFF

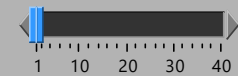


Pause to Save Data

Pause

Save Data

Zoom



Position

