



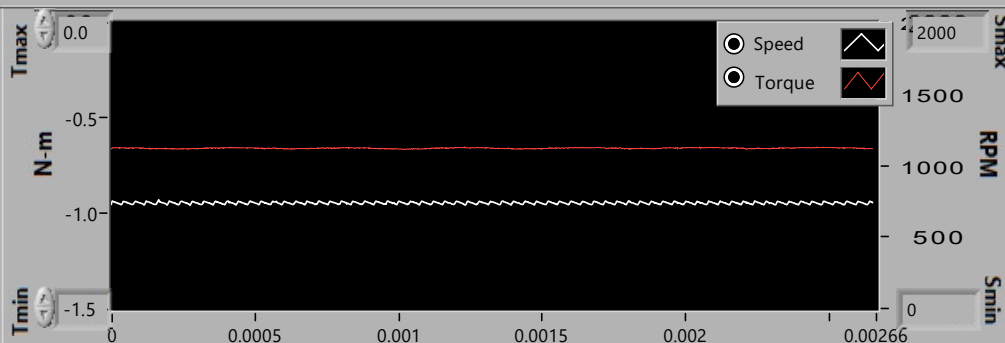
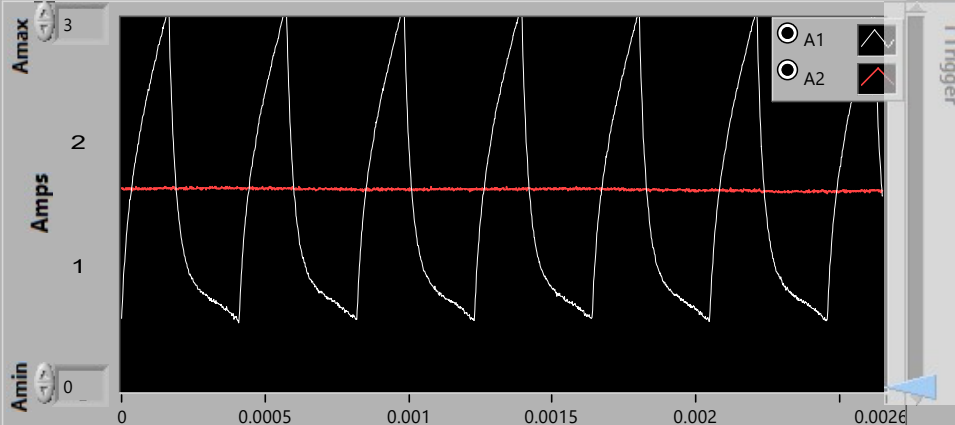
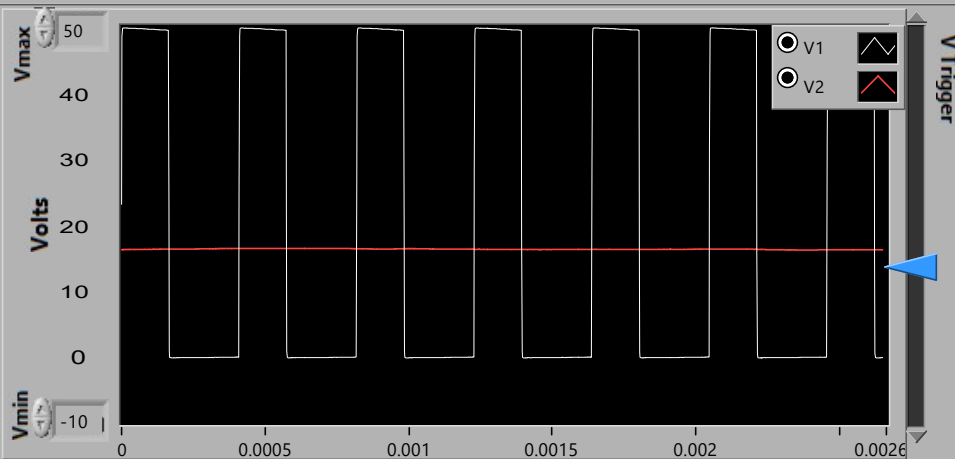
DC Motor Analysis.vi

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

Last modified on 2022-11-02 at 9:56 AM

Printed on 2022-11-02 at 9:56 AM

DC Motor Analysis



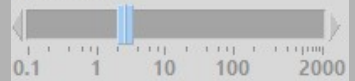
Sampling Control

Ch1 Trigger

Volts

Amps

Period (mS)



Channel 1

A1 Avg

1.51

Zero A1

V1 Avg

21.44

Ch1 KHz

2.4

Ch1 Watts

46.9

Ch1 Duty

0.40

Channel 2

A2 Avg

1.62

Zero A2

V2 Avg

16.22

Ch2 Watts

26.2

Torque and Speed

Zero current/torque/
speed while motor is
not running

Torque

-0.66

Zero Torque

Speed

766

Zero RPM

Digital Filter Control

Cutoff Frequency (Hz)



Filter

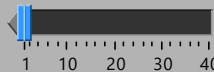
OFF

Pause to Save Data

Pause

Save Data

Zoom



Position

