



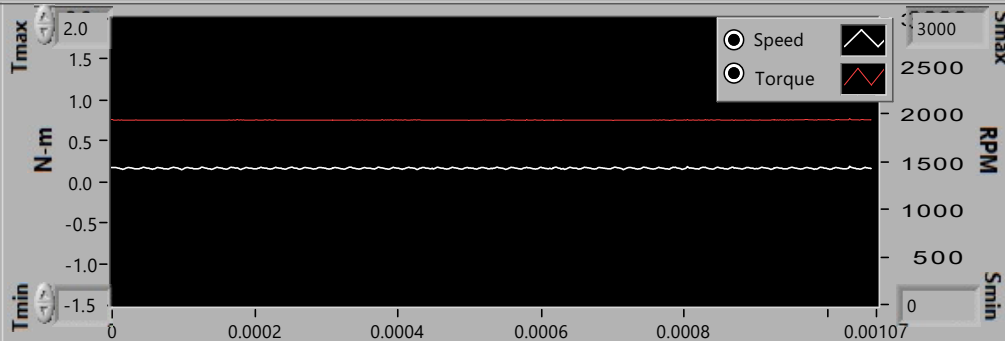
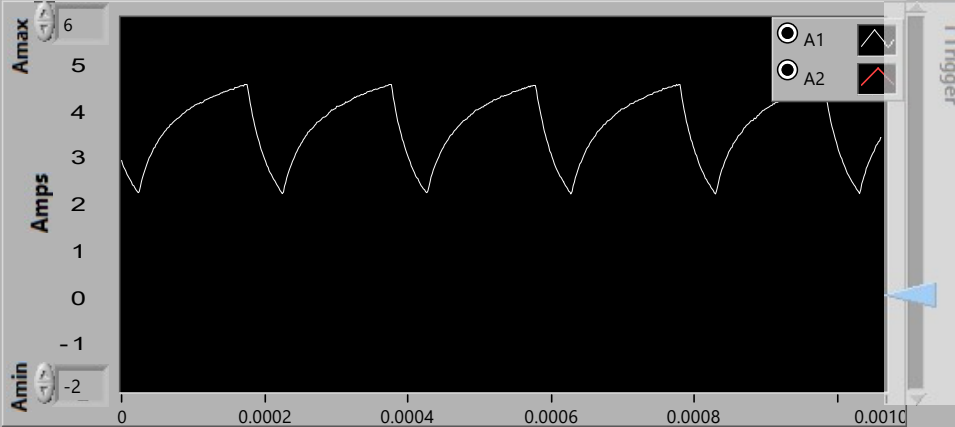
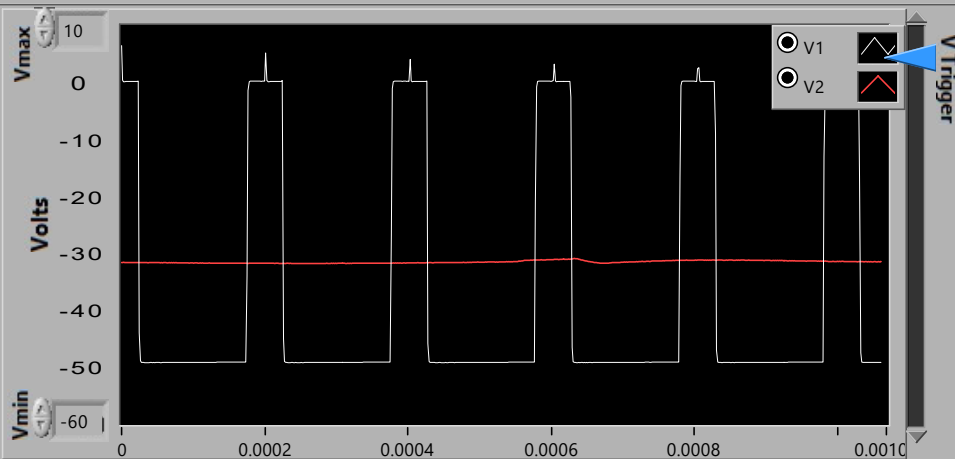
DC Motor Analysis.vi

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

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DC Motor Analysis



Sampling Control

Ch1 Trigger

Volts

Amps

Period (mS)



Channel 1

A1 Avg

3.65

Zero A1

V1 Avg

-36.41

Ch1 KHz

5.0

Ch1 Watts

-141.0

Ch1 Duty

0.25

Channel 2

A2 Avg

-2.84

Zero A2

V2 Avg

-31.65

Ch2 Watts

89.9

Torque and Speed

Zero current/torque/
speed while motor is
not running

Torque

0.75

Zero Torque

Speed

1440

Zero RPM

Digital Filter Control

Cutoff Frequency (Hz)



Filter

OFF

Pause to Save Data

Pause

Save Data

Zoom



Position

