



3 Phase Motor Analysis.vi

C:\Users\Public\Desktop\LabVIEW\_Applications\_2018\3 Phase Motor Analysis.exe\3 Phase Motor Analysis.vi

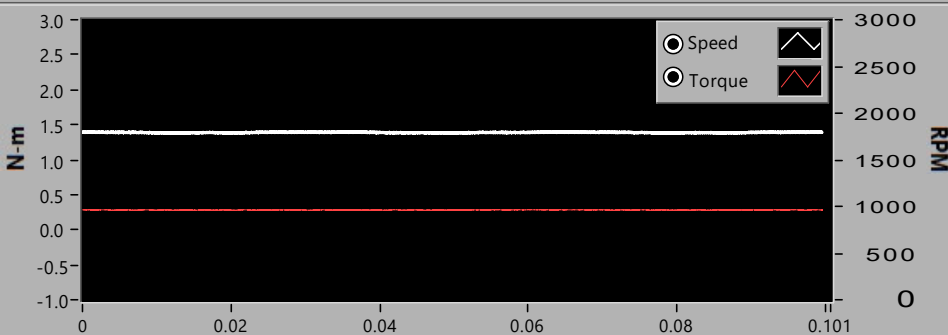
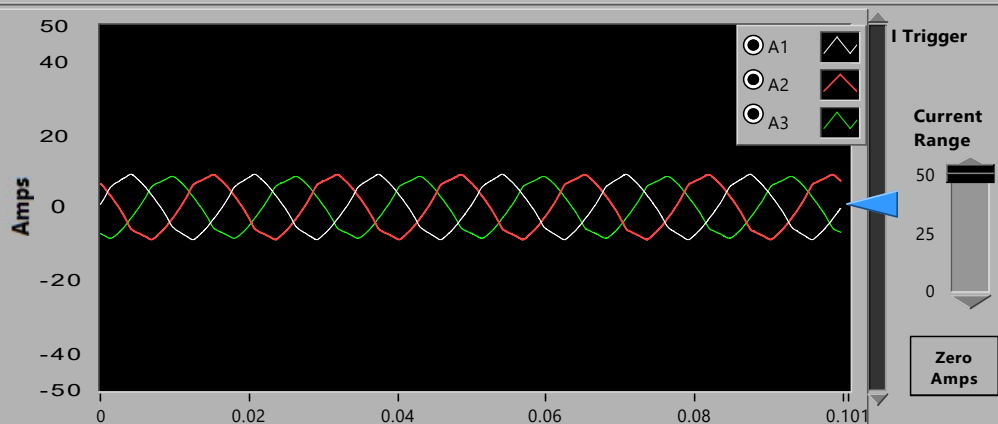
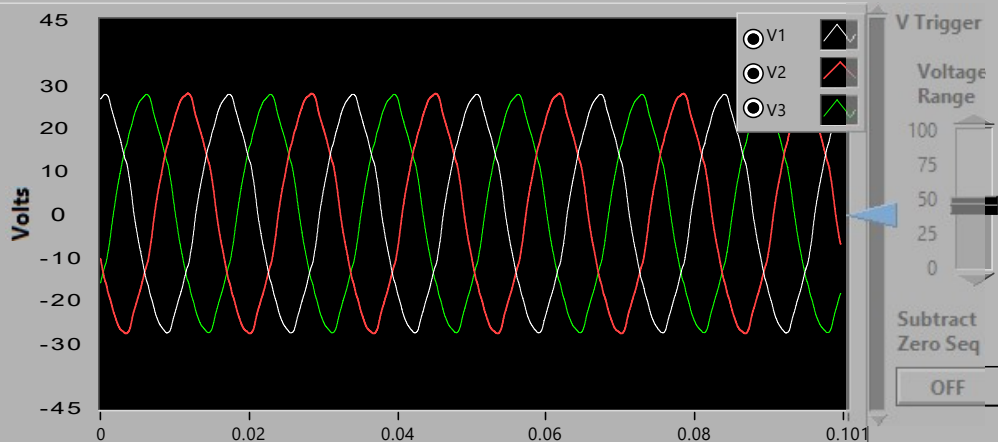
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## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

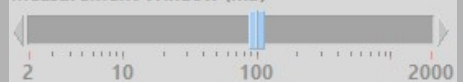
Amps Volts

Fundamental Frequency

60.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
18.99	6.00	-74.3	29.8
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
19.12	6.09	-72.2	35.3
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
18.97	5.83	-72.5	33.3
Avg V	Avg A	Avg θ	Tot Watt
19.03	5.97	-73.0	98.4

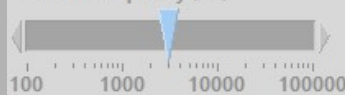
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.28

Zero Torque

RPM (Analog)

1792

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

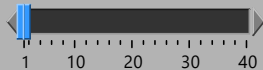
RPM (Digital)

1790

Pause

Save Data

Zoom



Position

