



3 Phase Motor Analysis.vi

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

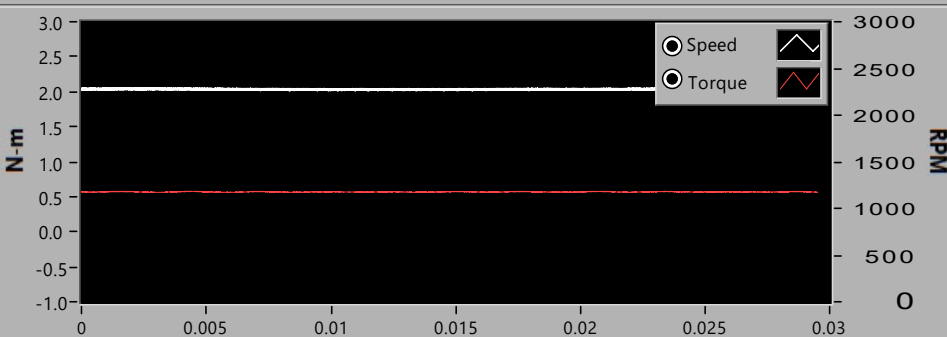
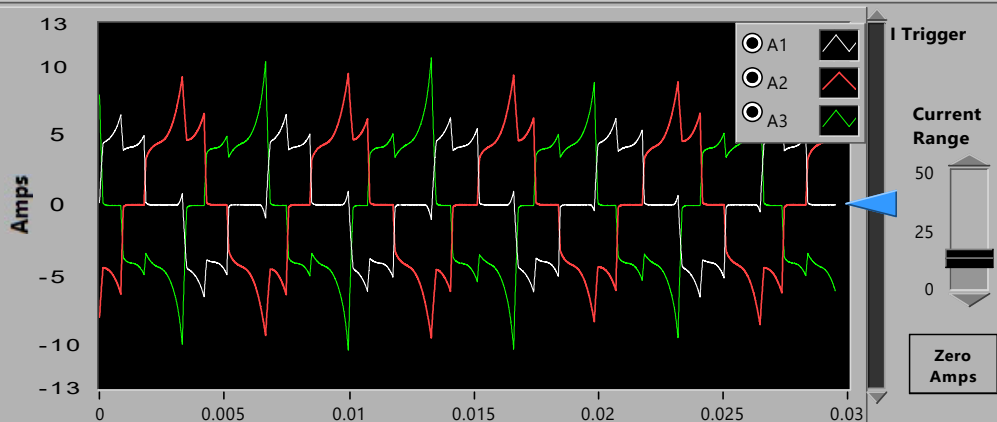
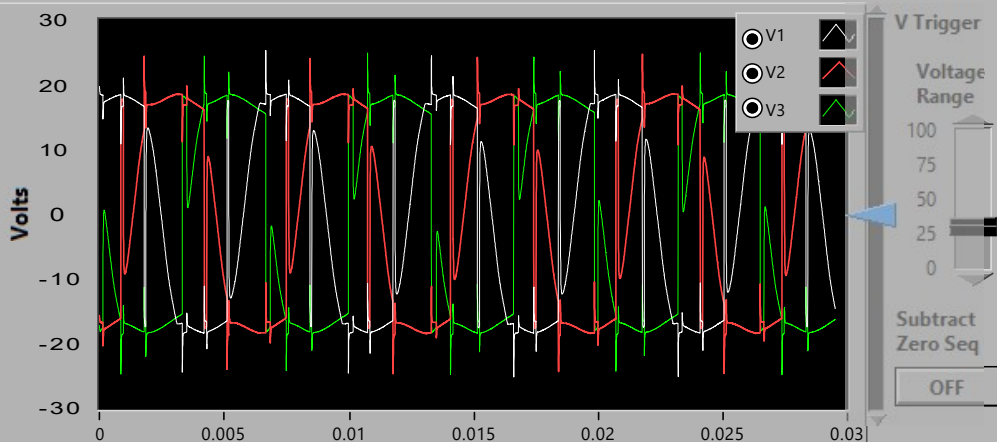
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## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

150.9 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
15.27	3.39	-14.8	41.4
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
15.56	4.67	-12.4	64.7
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
16.27	4.57	-33.7	56.4
Avg V	Avg A	Avg θ	Tot Watt
15.70	4.21	-20.3	162.6

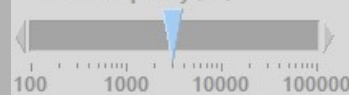
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.57

Zero Torque

RPM (Analog)

2277

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

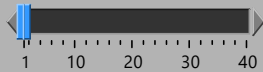
RPM (Digital)

2269

Pause

Save Data

Zoom



Position

