



## 3 Phase Motor Analysis.vi

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

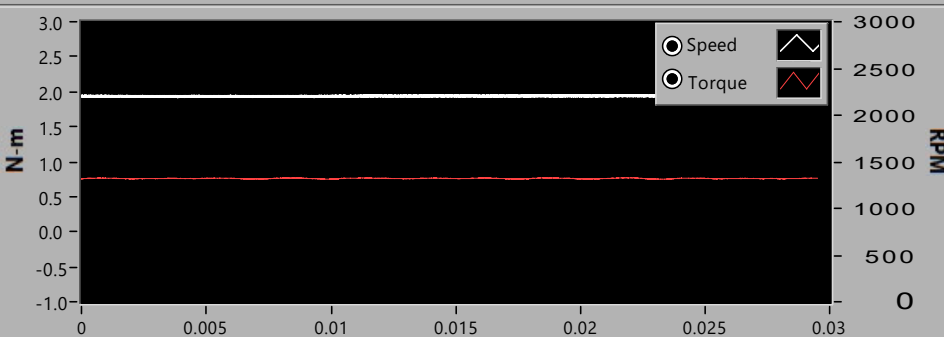
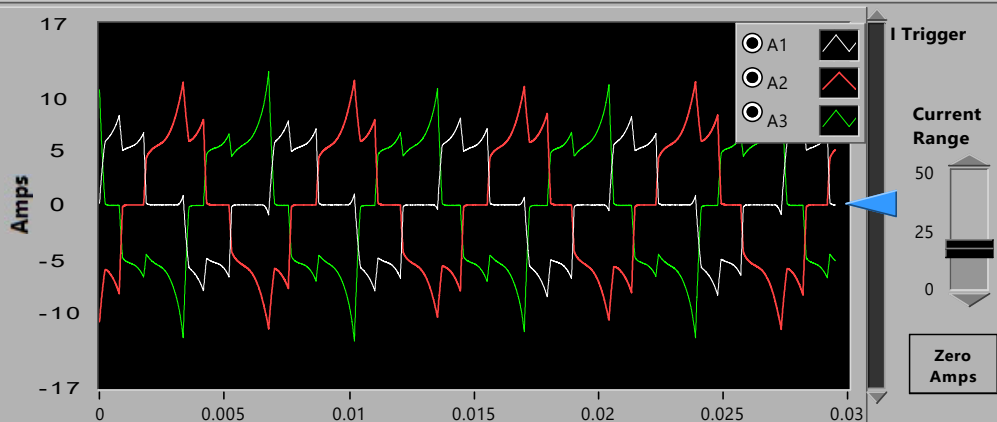
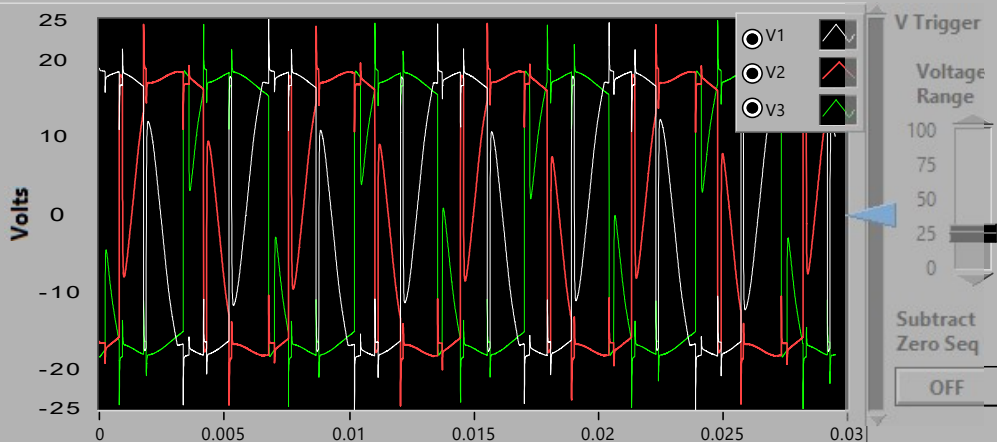
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# 3 Phase Motor Analysis

Main View

Phasor View



## Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

145.7 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
15.17	4.39	-19.2	51.2
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
15.32	5.93	-12.1	80.3
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
16.30	5.88	-29.9	73.3
Avg V	Avg A	Avg θ	Tot Watt
15.60	5.40	-20.4	204.9

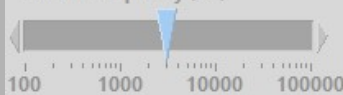
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.76

Zero Torque

RPM  
(Analog)

2203

Zero RPM

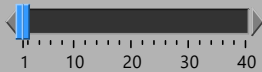
Zero current/  
torque/speed  
while motor is  
not runningRPM  
(Digital)

2193

Pause

Save Data

Zoom



Position

