



3 Phase Motor Analysis.vi

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

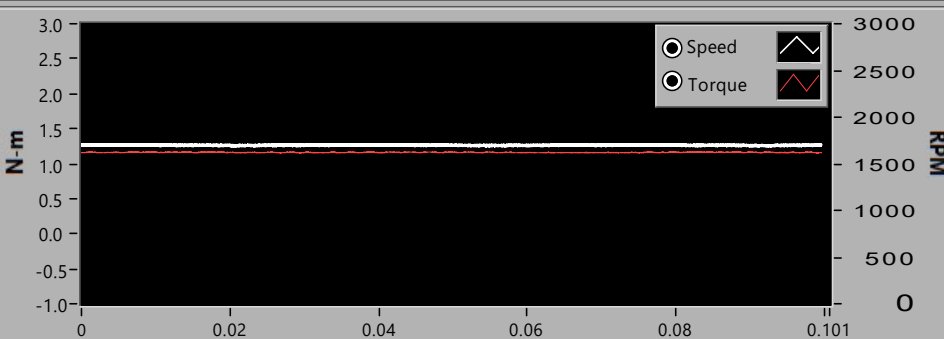
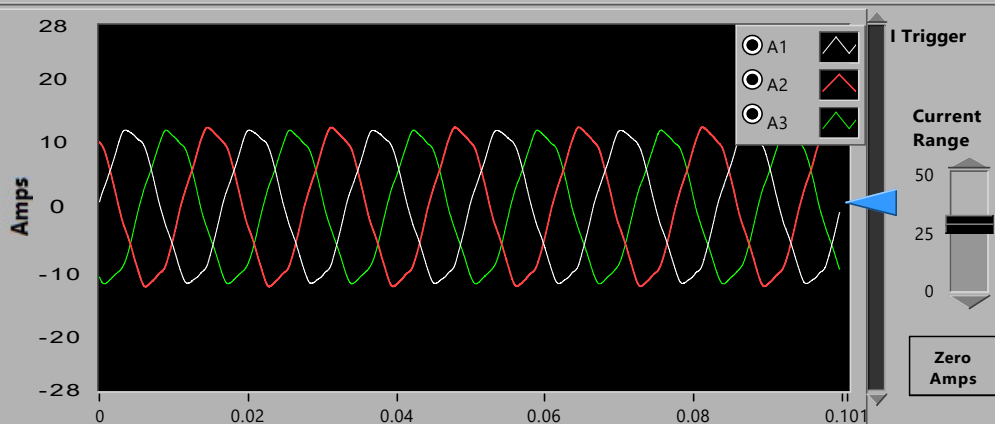
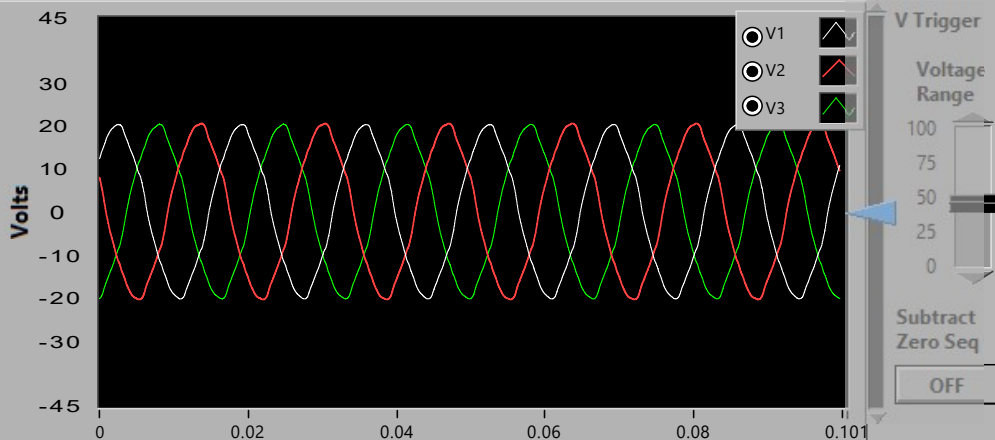
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# 3 Phase Motor Analysis

Main View

Phasor View



## Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

60.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
13.97	8.25	-39.5	88.2
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
14.11	8.45	-38.4	93.2
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
13.97	8.17	-38.0	90.0
Avg V	Avg A	Avg θ	Tot Watt
14.01	8.29	-38.6	271.4

Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

1.16

Zero Torque

RPM (Analog)

1698

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

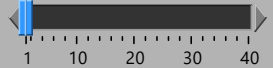
RPM (Digital)

1693

Pause

Save Data

Zoom



Position

