



3 Phase Motor Analysis.vi

C:\Users\Public\Desktop\LabVIEW_Applications_2018\3 Phase Motor Analysis.exe\3 Phase Motor Analysis.vi

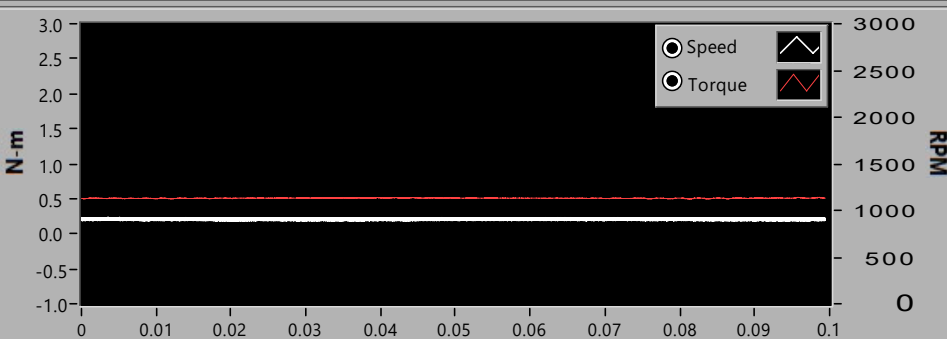
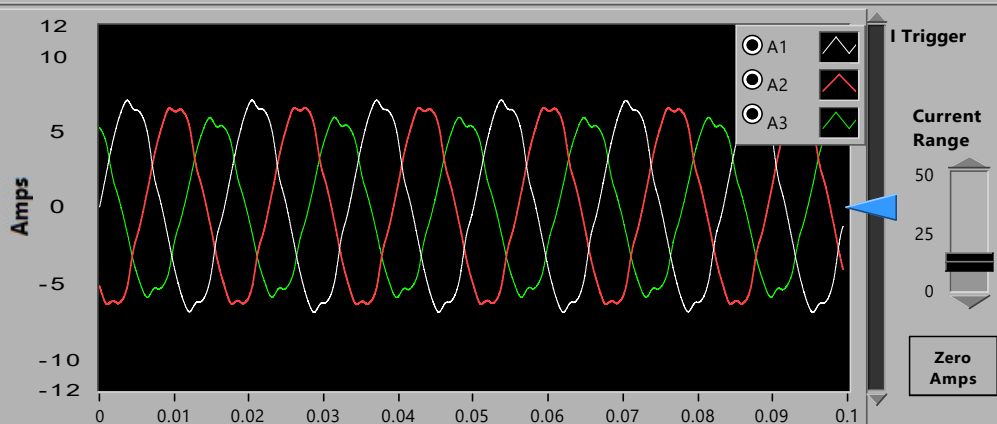
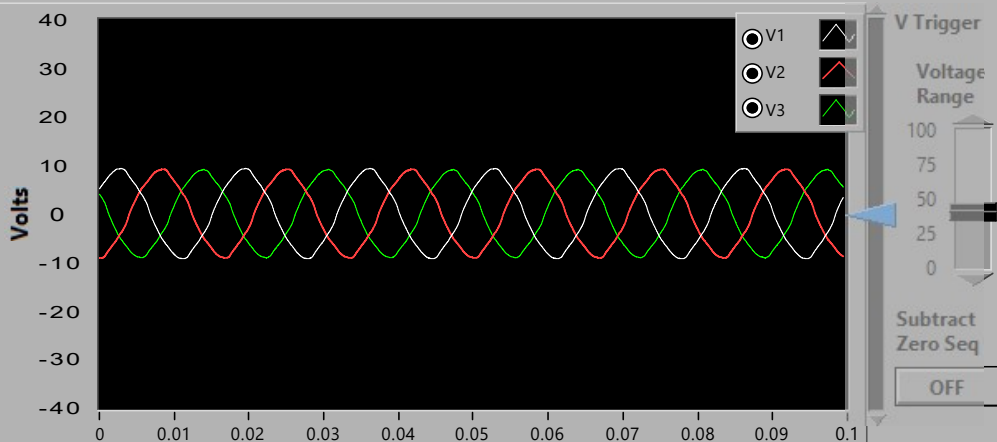
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

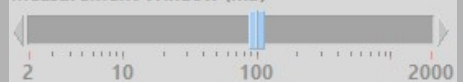
Amps Volts

Fundamental Frequency

60.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
6.42	4.88	-33.5	26.5
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
6.31	4.68	-41.1	22.8
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
6.28	4.16	-36.2	21.3
Avg V	Avg A	Avg θ	Tot Watt
6.34	4.57	-36.9	70.5

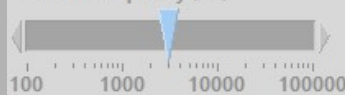
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.51

Zero Torque

RPM (Analog)

906

Zero RPM

Zero current/
torque/speed
while motor is
not running

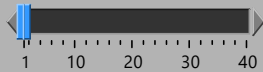
RPM (Digital)

899

Pause

Save Data

Zoom



Position

