



3 Phase Motor Analysis.vi

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

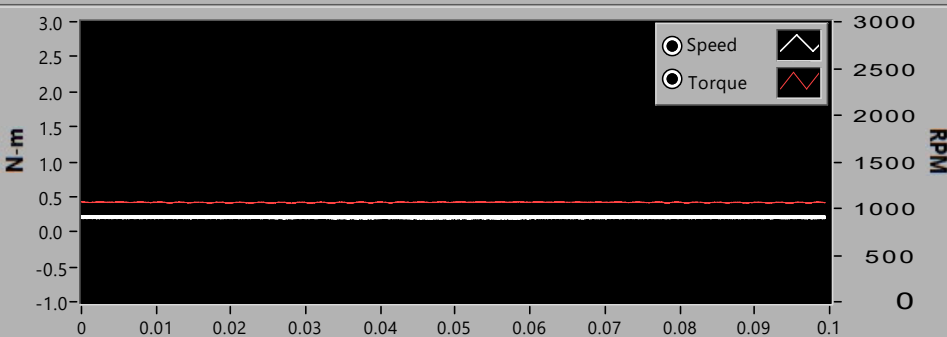
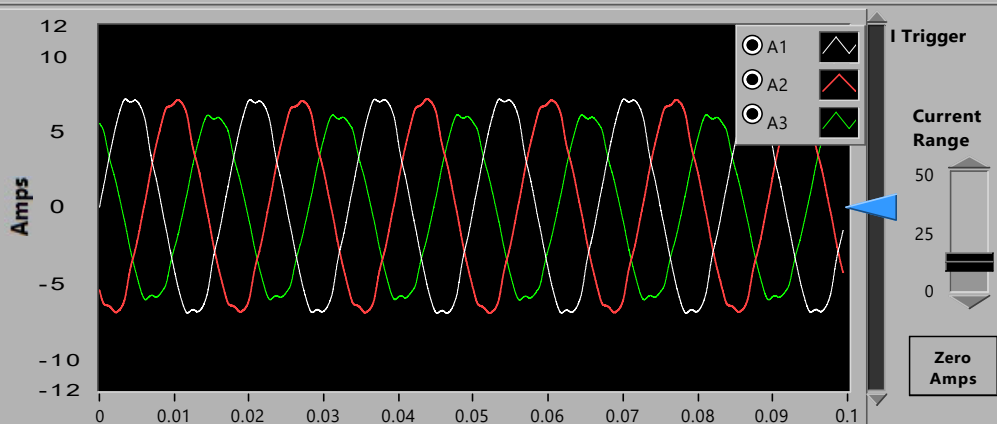
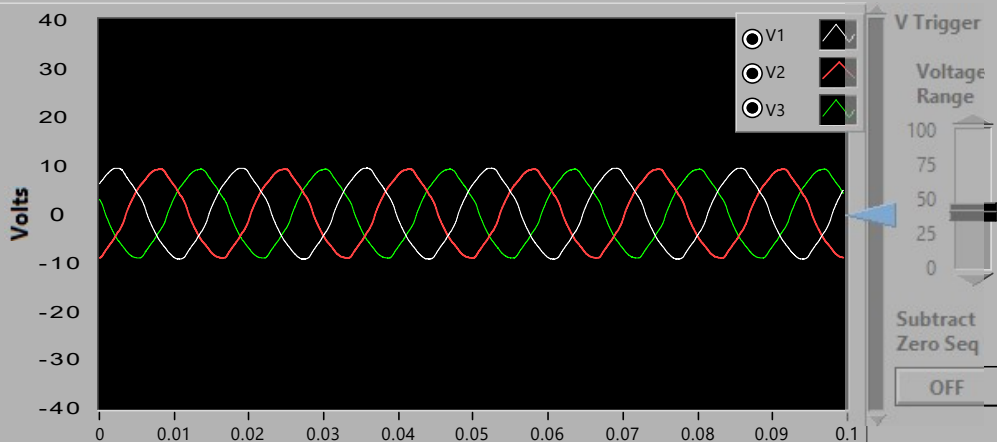
Last modified on 2022-12-02 at 6:43 PM

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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
6.48	5.09	-43.9	24.0
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
6.36	4.95	-51.1	20.3
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
6.34	4.40	-47.3	19.3
Avg V	Avg A	Avg θ	Tot Watt
6.40	4.81	-47.4	63.6

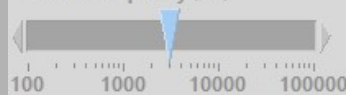
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.42

Zero Torque

RPM
(Analog)

906

Zero RPM

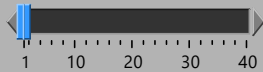
Zero current/
torque/speed
while motor is
not runningRPM
(Digital)

900

Pause

Save Data

Zoom



Position

