



3 Phase Motor Analysis.vi

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

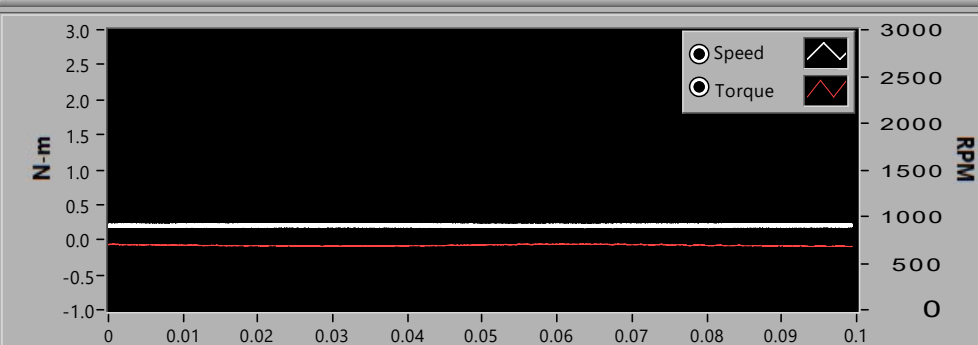
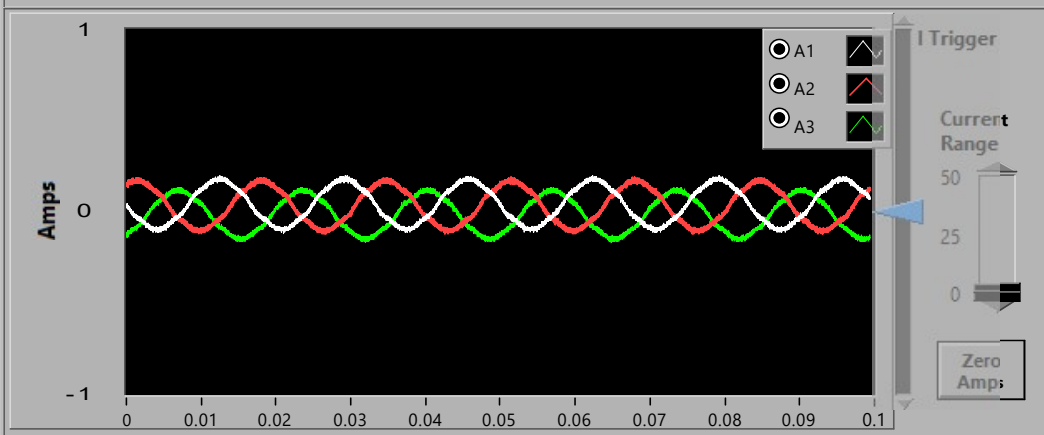
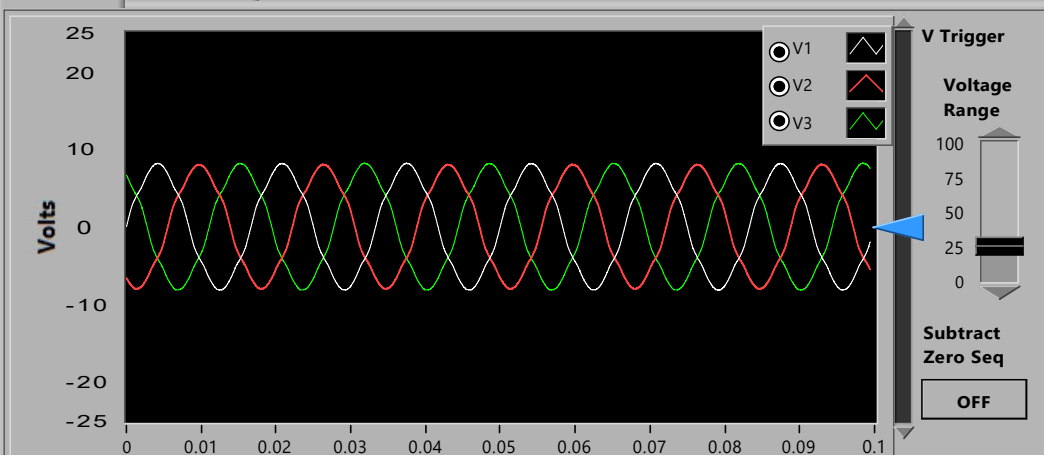
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

60.0 Hz

V1 RMS	A1 RMS	θ_1 (deg)	Ch1 Watts
5.61	0.10	-178.6	-0.5
V2 RMS	A2 RMS	θ_2 (deg)	Ch2 Watts
5.52	0.10	178.8	-0.5
V3 RMS	A3 RMS	θ_3 (deg)	Ch3 Watts
5.61	0.09	179.2	-0.5
Avg V	Avg A	Avg θ	Tot Watt
5.58	0.10	59.8	-1.6

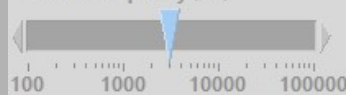
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

-0.08

Zero Torque

RPM (Analog)

902

Zero RPM

Zero current/
torque/speed
while motor is
not running

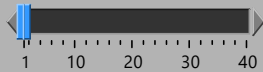
RPM (Digital)

901

Pause

Save Data

Zoom



Position

