



3 Phase Motor Analysis.vi

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

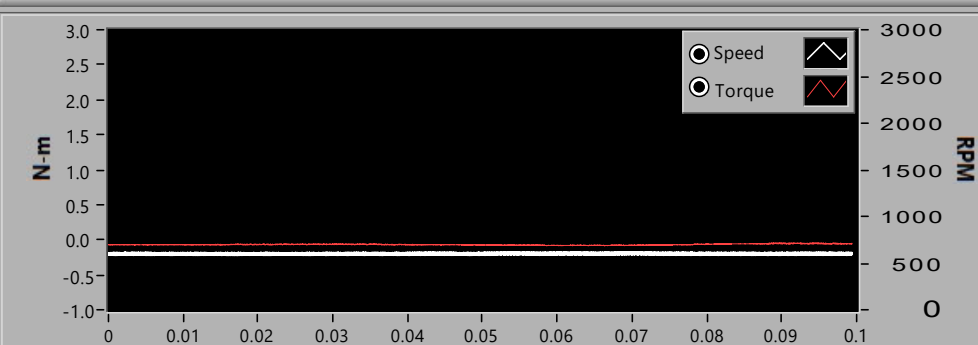
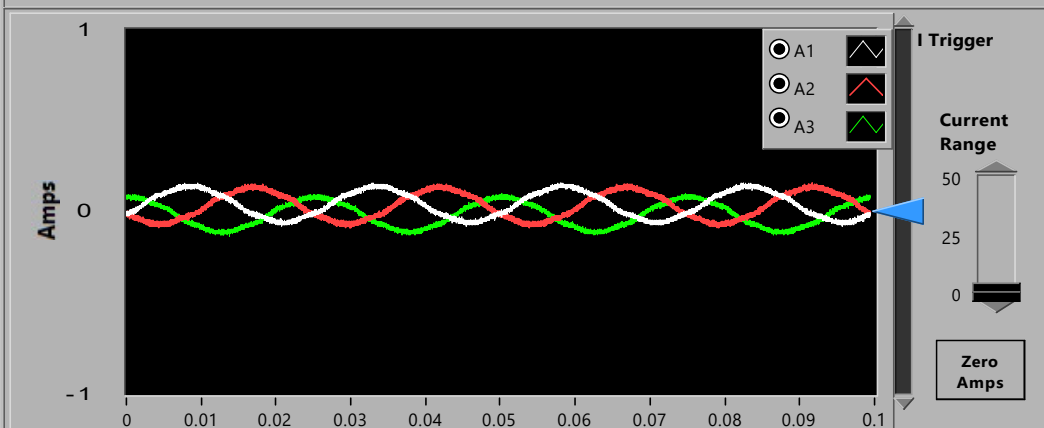
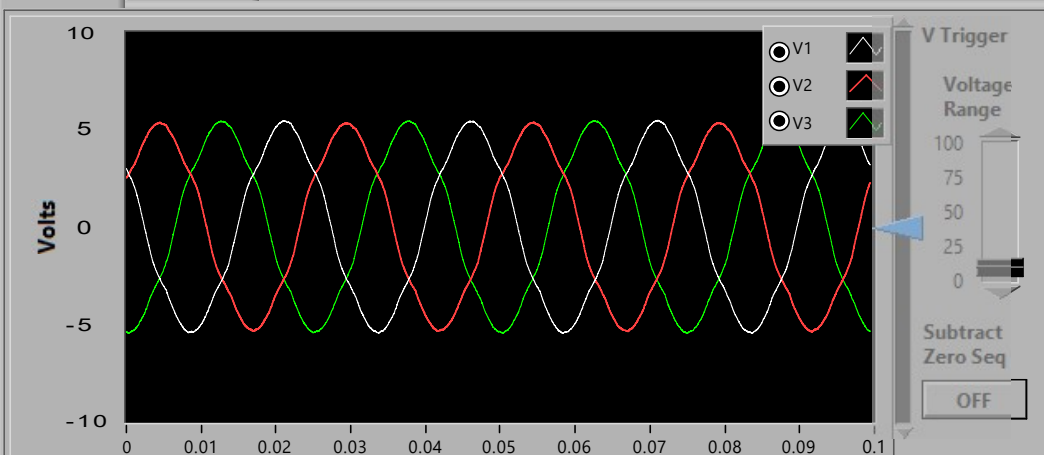
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

40.1 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
3.74	0.08	-177.5	-0.3
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
3.69	0.08	179.5	-0.3
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
3.75	0.07	178.0	-0.3
Avg V	Avg A	Avg θ	Tot Watt
3.73	0.08	60.0	-0.9

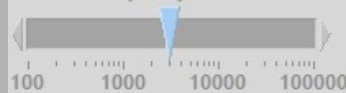
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

-0.07

Zero Torque

RPM (Analog)

600

Zero RPM

Zero current/
torque/speed
while motor is
not running

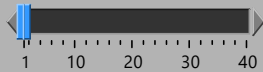
RPM (Digital)

602

Pause

Save Data

Zoom



Position

