



3 Phase Motor Analysis.vi

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

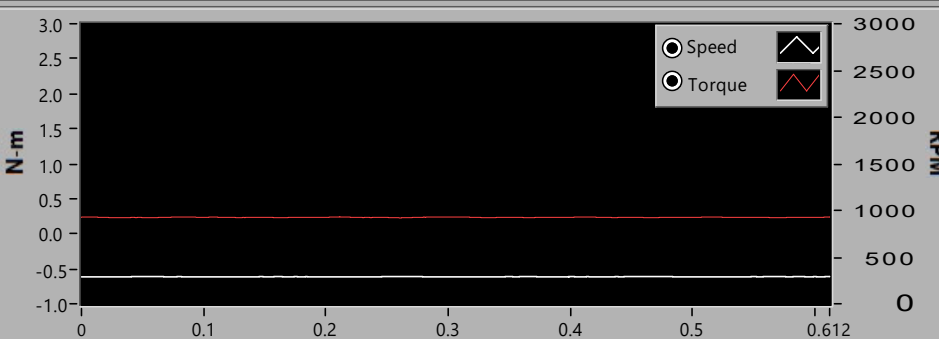
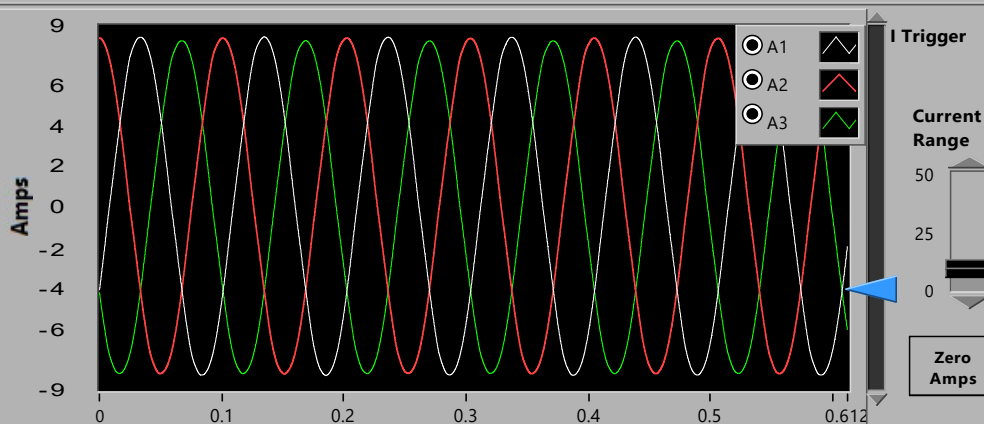
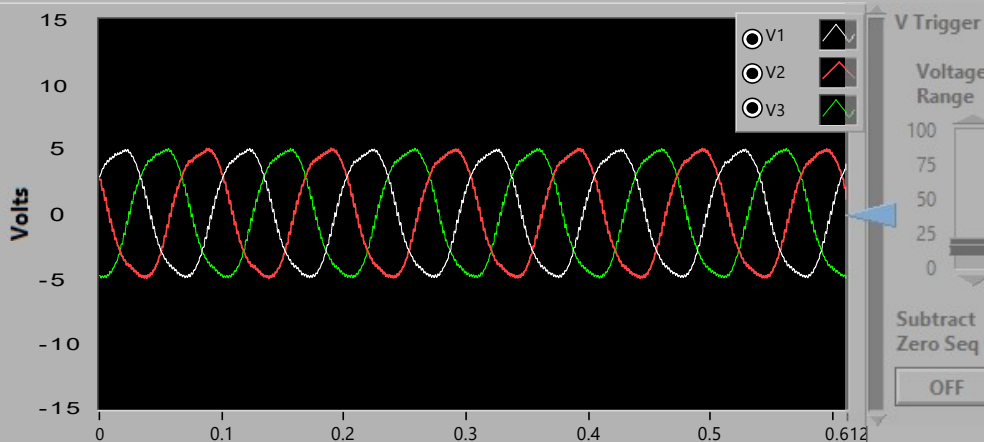
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps ☐ Volts ☒

Fundamental Frequency

9.9 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
3.59	5.95	-60.0	10.6
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
3.64	5.91	-59.3	10.9
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
3.61	5.87	-59.8	10.6
Avg V	Avg A	Avg θ	Tot Watt
3.61	5.91	-59.7	32.0

Measurement Window (mS)



Filter

ON

Cutoff Frequency (Hz)



Torque

0.23

Zero Torque

RPM (Analog)

289

Zero RPM

Zero current/
torque/speed
while motor is
not running

RPM (Digital)

290

Pause

Save Data

Zoom



Position

