



3 Phase Motor Analysis.vi

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

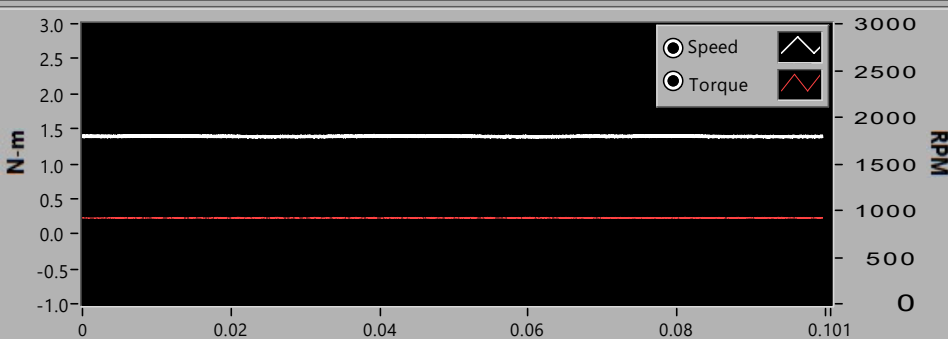
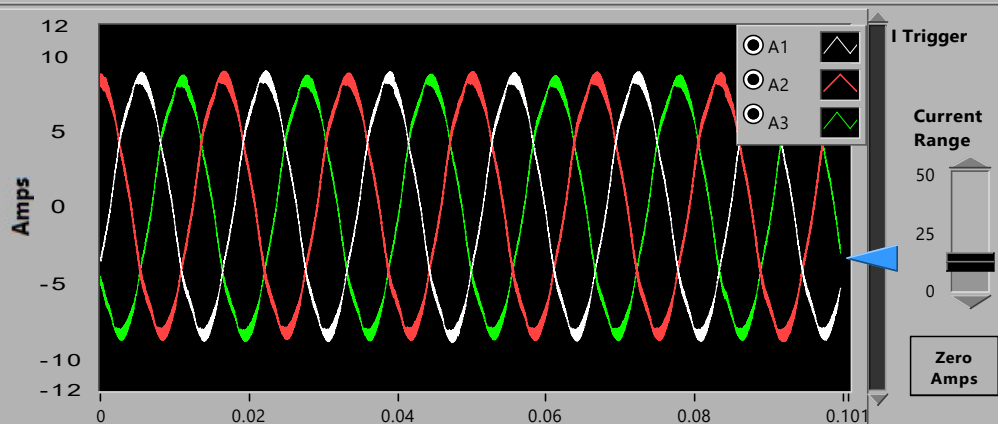
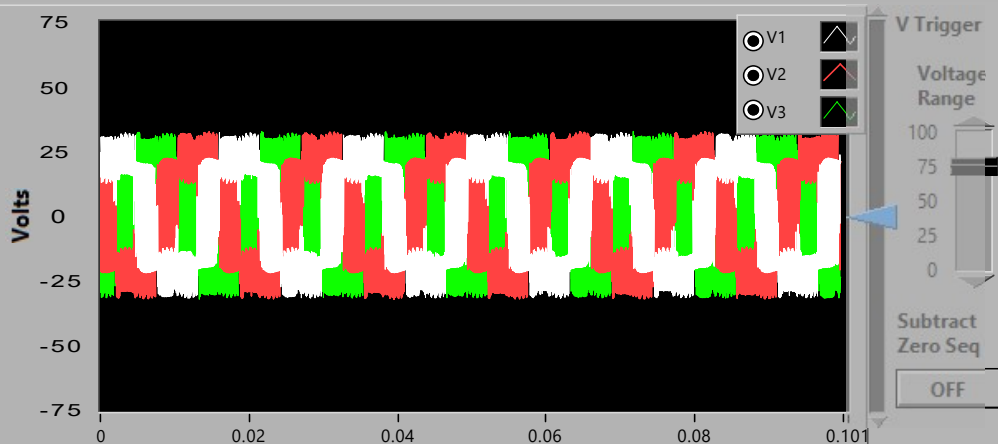
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

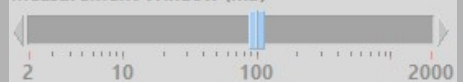
Amps ☐ Volts ☒

Fundamental Frequency

59.8 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
20.97	5.95	-74.9	30.5
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
21.65	5.94	-74.6	22.9
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
21.52	5.89	-75.1	29.2
Avg V	Avg A	Avg θ	Tot Watt
21.38	5.93	-74.9	82.6

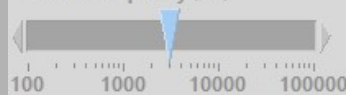
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.23

Zero Torque

RPM (Analog)

1793

Zero RPM

Zero current/
torque/speed
while motor is
not running

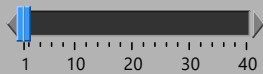
RPM (Digital)

1789

Pause

Save Data

Zoom



Position

