



3 Phase Motor Analysis.vi

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

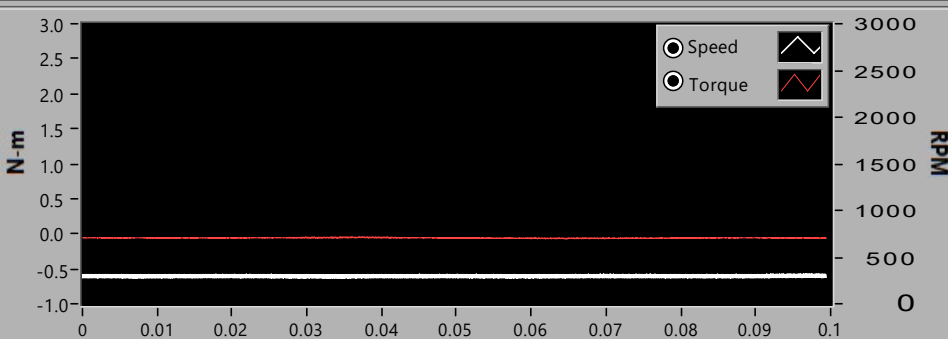
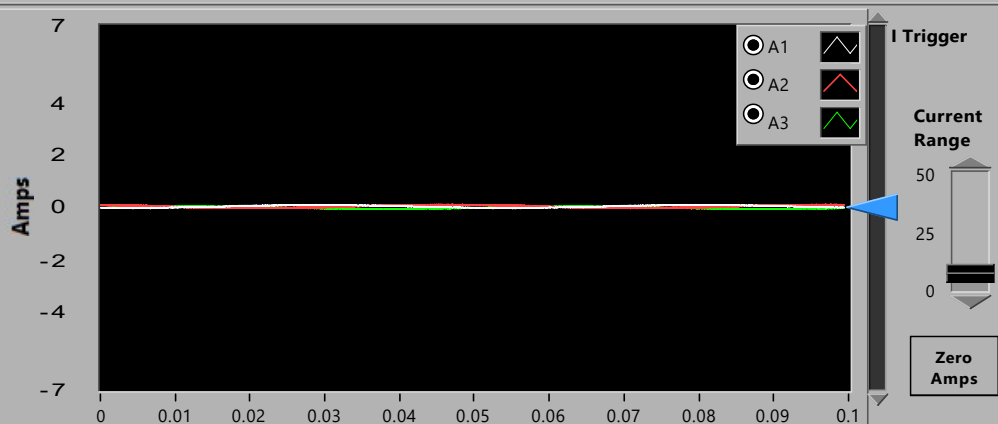
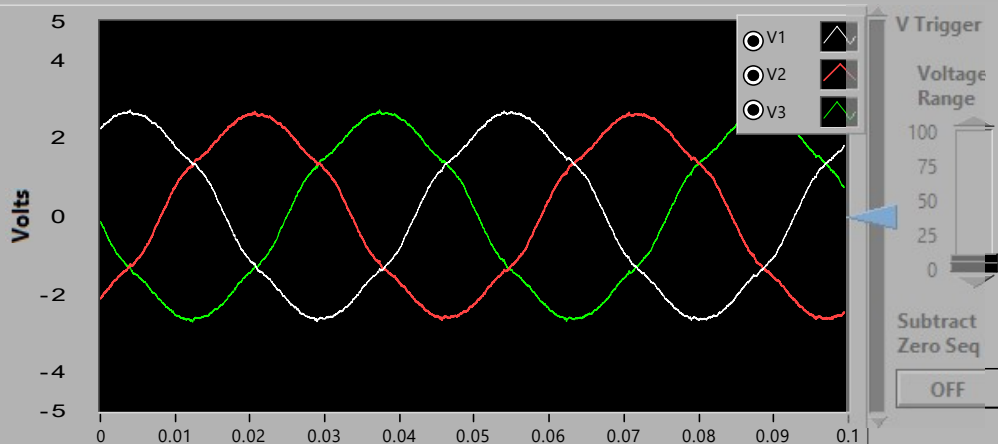
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps

Volts

Fundamental Frequency

19.6

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
1.84	0.06	113.3	-0.1
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
1.81	0.05	167.5	-0.1
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
1.84	0.04	148.8	-0.1
Avg V	Avg A	Avg θ	Tot Watt
1.83	0.05	143.2	-0.3

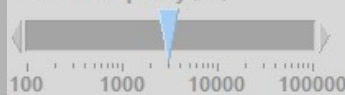
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

-0.06

Zero Torque

RPM

(Analog)

294

Zero RPM

Zero current/
torque/speed
while motor is
not running

RPM

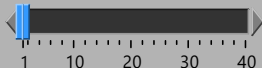
(Digital)

295

Pause

Save Data

Zoom



Position

