



3 Phase Motor Analysis.vi

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

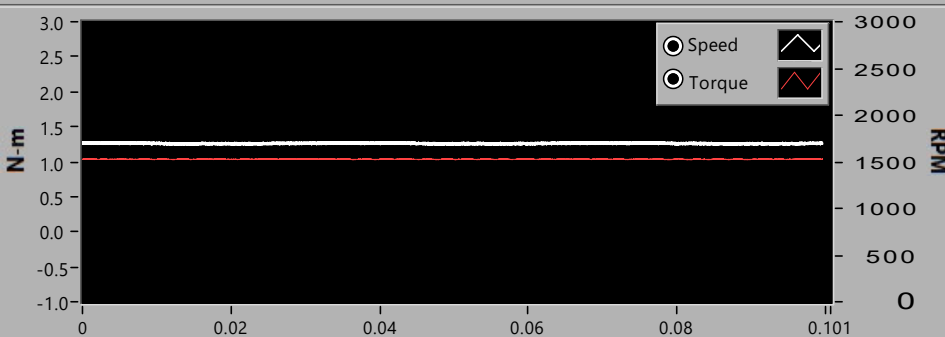
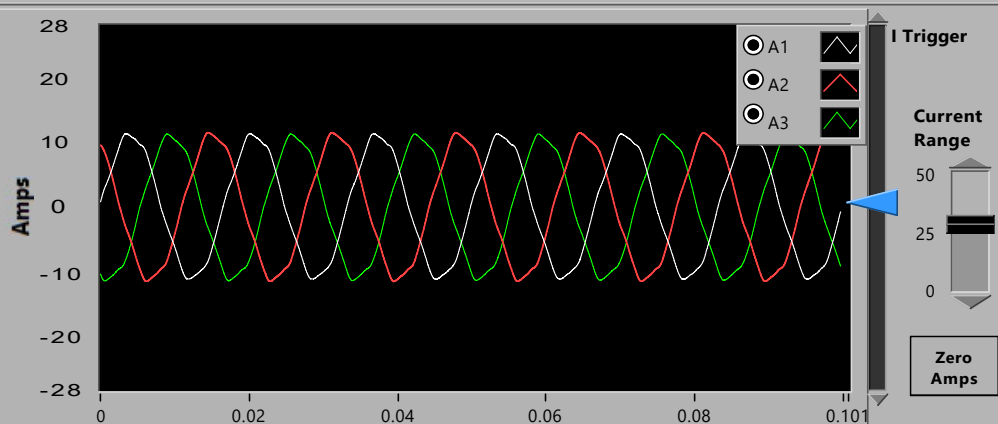
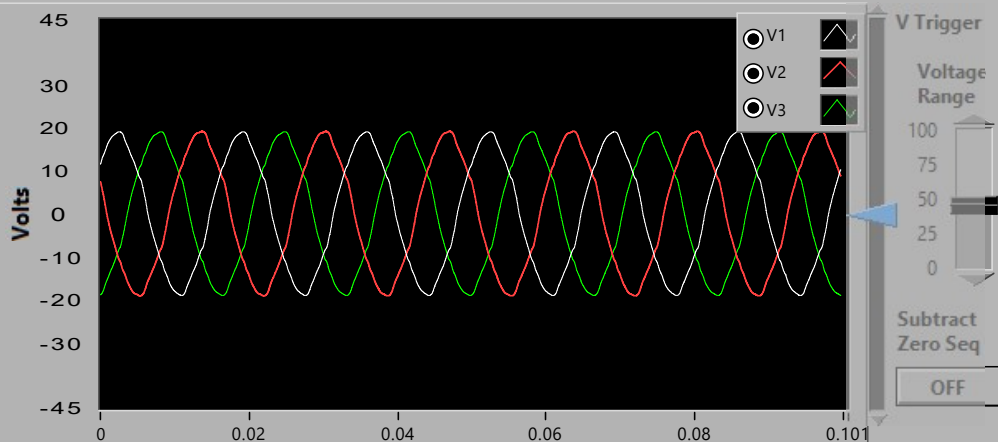
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps

Volts

Fundamental Frequency

60.0

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
13.08	7.81	-39.2	78.4
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
13.20	7.94	-38.8	81.5
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
13.12	7.81	-38.3	80.5
Avg V	Avg A	Avg θ	Tot Watt
13.13	7.85	-38.8	240.4

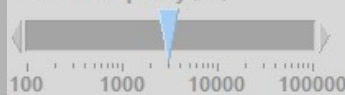
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

1.04

Zero Torque

RPM (Analog)

1696

Zero RPM

Zero current/
torque/speed
while motor is
not running

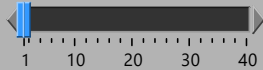
RPM (Digital)

1692

Pause

Save Data

Zoom



Position

