



3 Phase Motor Analysis.vi

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

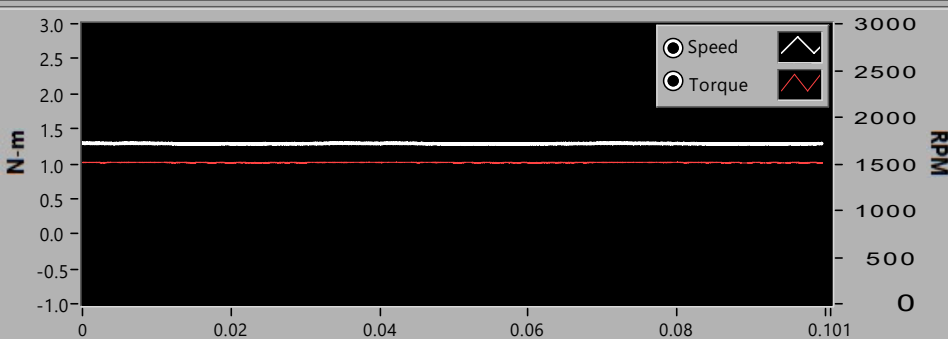
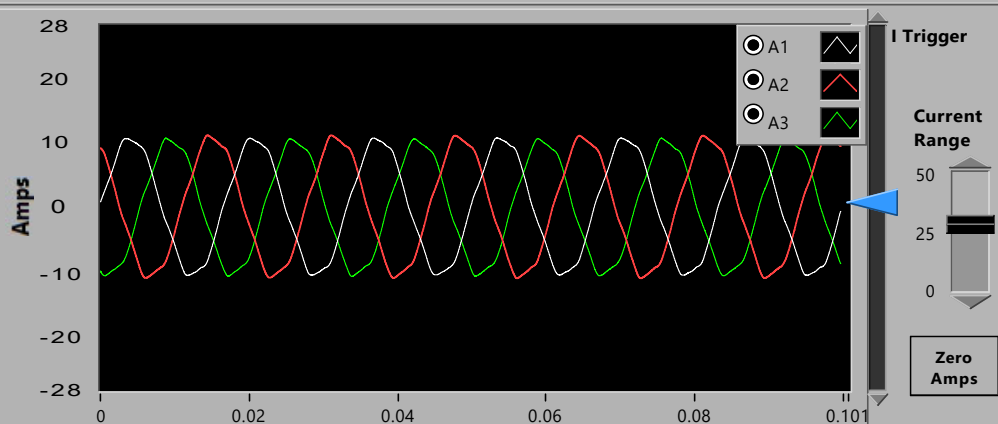
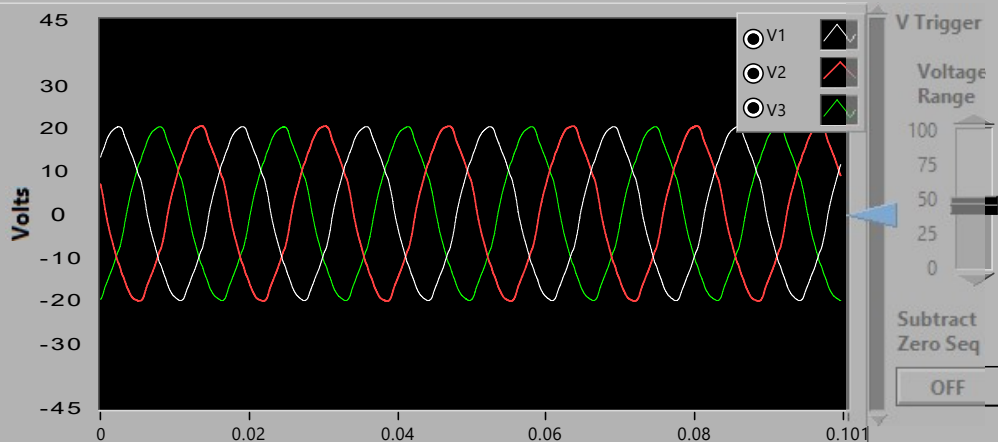
Last modified on 2022-11-16 at 10:03 AM

Printed on 2022-11-16 at 10:04 AM

3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

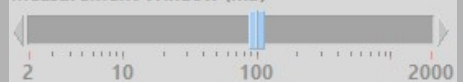
Amps Volts

Fundamental Frequency

60.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
13.94	7.45	-42.0	76.4
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
14.07	7.63	-40.8	80.9
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
13.94	7.38	-40.3	78.3
Avg V	Avg A	Avg θ	Tot Watt
13.98	7.49	-41.0	235.6

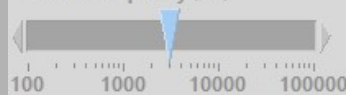
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

1.02

Zero Torque

RPM (Analog)

1715

Zero RPM

Zero current/
torque/speed
while motor is
not running

RPM (Digital)

1710

Pause

Save Data

Zoom



Position

