



3 Phase Motor Analysis.vi

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

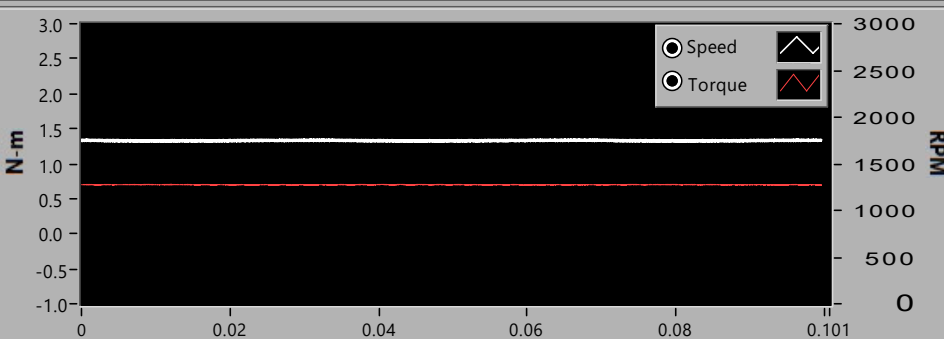
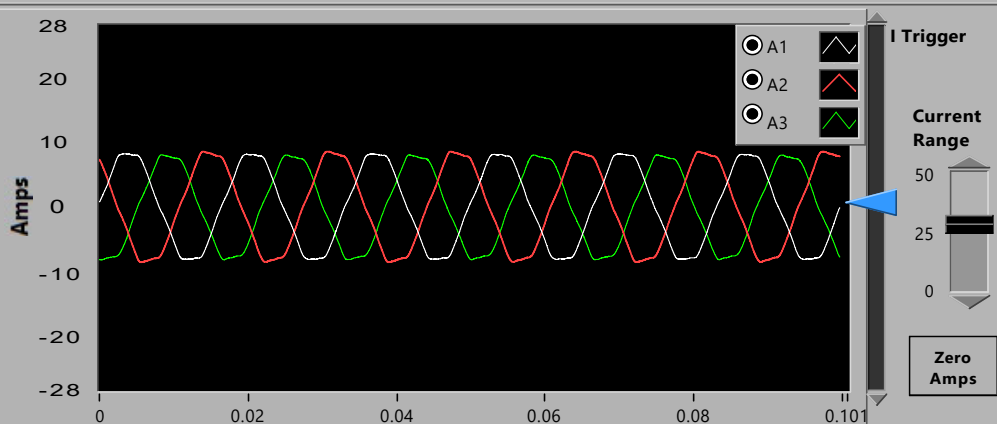
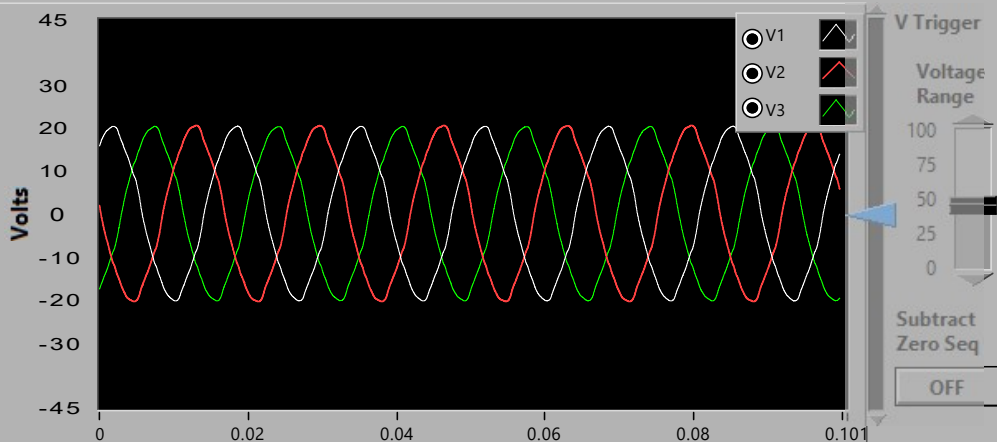
Last modified on 2022-11-16 at 10:02 AM

Printed on 2022-11-16 at 10:02 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
14.00	5.93	-50.1	52.4
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
14.12	6.11	-48.2	57.3
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
13.98	5.81	-47.7	54.5
Avg V	Avg A	Avg θ	Tot Watt
14.03	5.95	-48.7	164.2

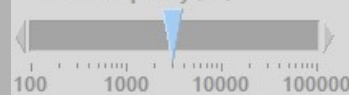
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.70

Zero Torque

RPM (Analog)

1749

Zero RPM

Zero current/
torque/speed
while motor is
not running

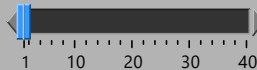
RPM (Digital)

1744

Pause

Save Data

Zoom



Position

