



3 Phase Motor Analysis.vi

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

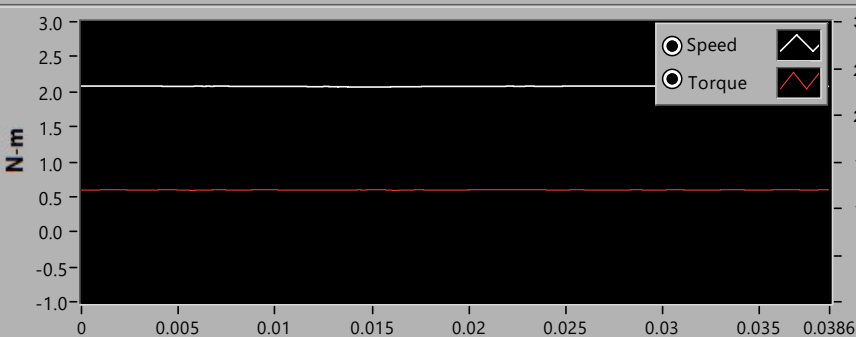
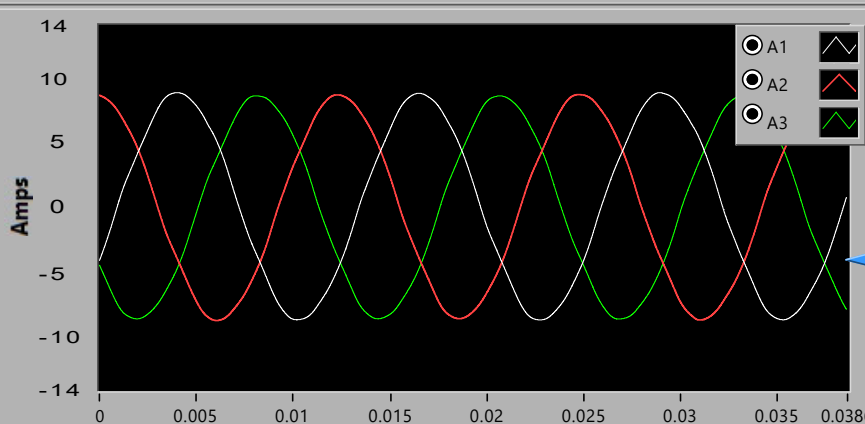
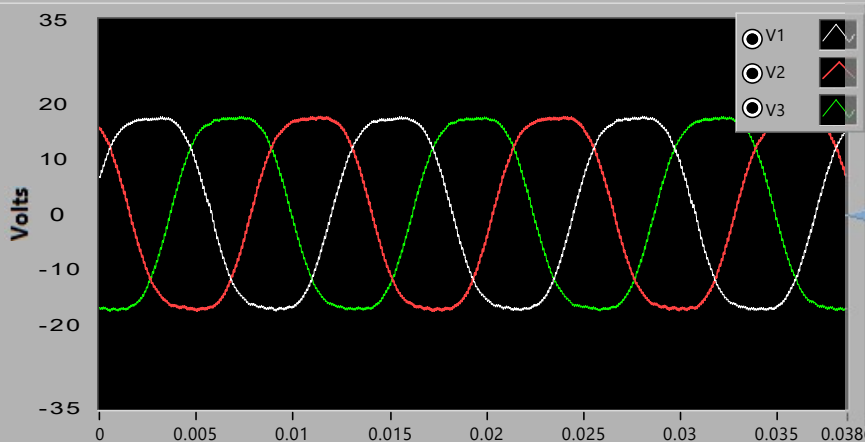
Last modified on 2022-11-16 at 10:28 AM

Printed on 2022-11-16 at 10:28 AM

3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

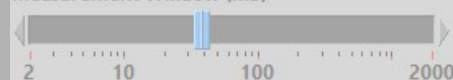
Amps Volts

Fundamental Frequency

80.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
13.67	6.15	-41.7	62.4
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
13.68	6.11	-41.0	62.1
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
13.67	6.07	-42.0	61.6
Avg V	Avg A	Avg θ	Tot Watt
13.67	6.11	-41.6	186.1

Measurement Window (mS)



Filter

ON

Cutoff Frequency (Hz)



Torque

0.60

Zero Torque

RPM (Analog)

2307

Zero RPM

Zero current/
torque/speed
while motor is
not running

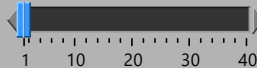
RPM (Digital)

2304

Pause

Save Data

Zoom



Position

