



3 Phase Motor Analysis.vi

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

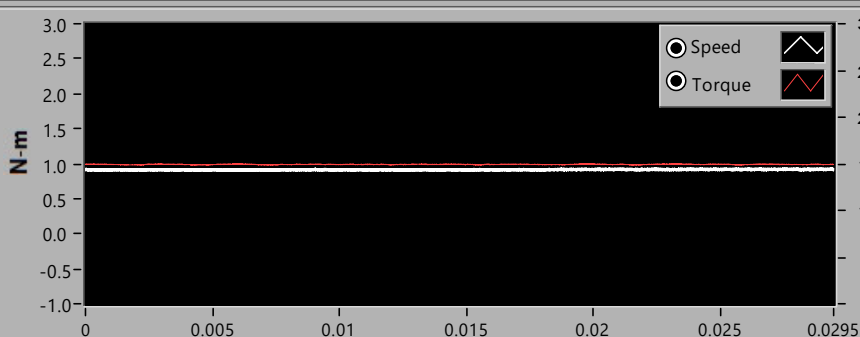
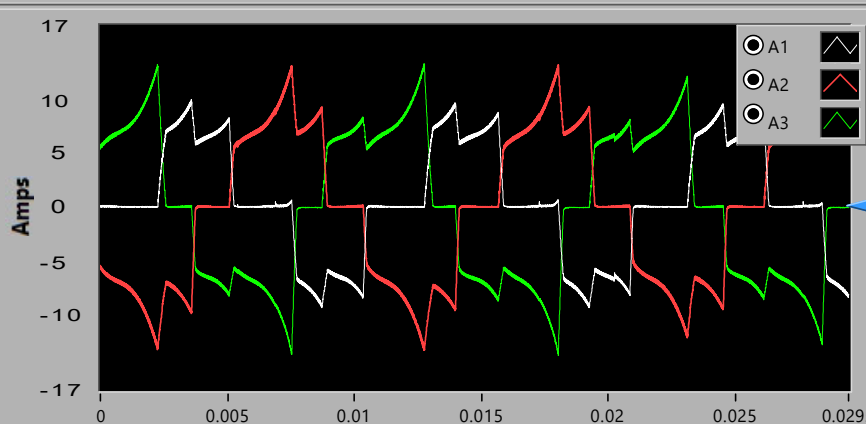
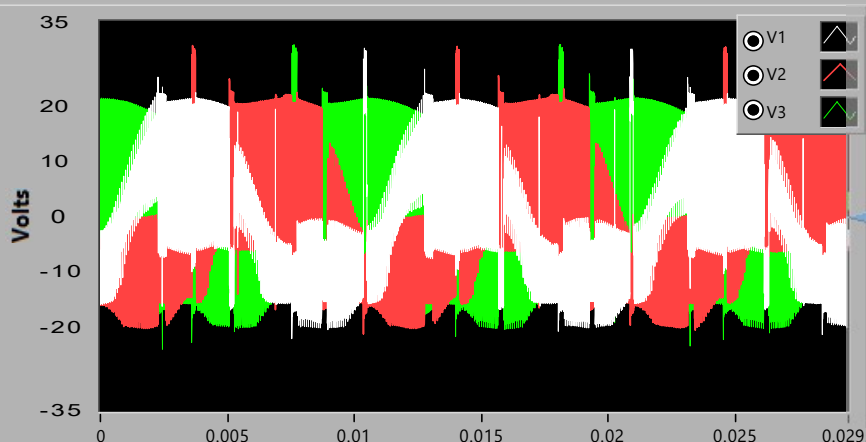
Last modified on 2022-12-02 at 7:08 PM

Printed on 2022-12-02 at 7:09 PM

3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source Fundamental Frequency
Amps Volts 95.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
12.52	5.38	-17.5	43.1
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
13.09	7.03	-12.8	63.1
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
13.10	6.97	-30.2	60.2
Avg V	Avg A	Avg θ	Tot Watt
12.90	6.46	-20.2	166.3

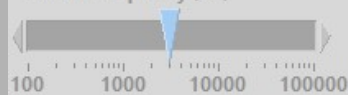
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.99

Zero Torque

RPM
(Analog)

1436

Zero RPM

Zero current/
torque/speed
while motor is
not running

RPM
(Digital)

1430

Pause

Save
Data

Zoom



Position

