



3 Phase Motor Analysis.vi

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

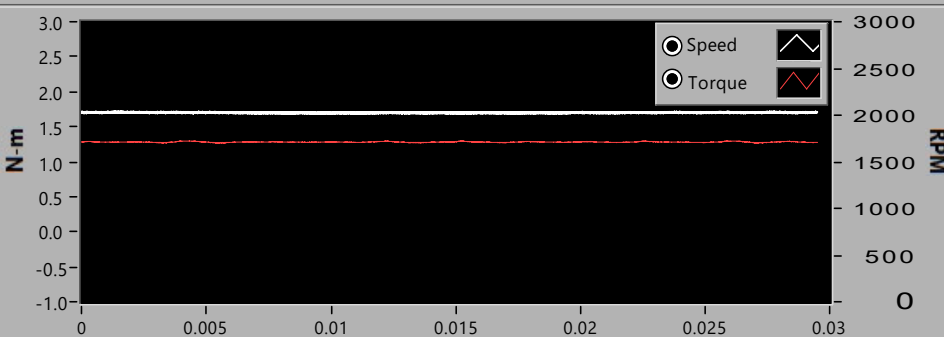
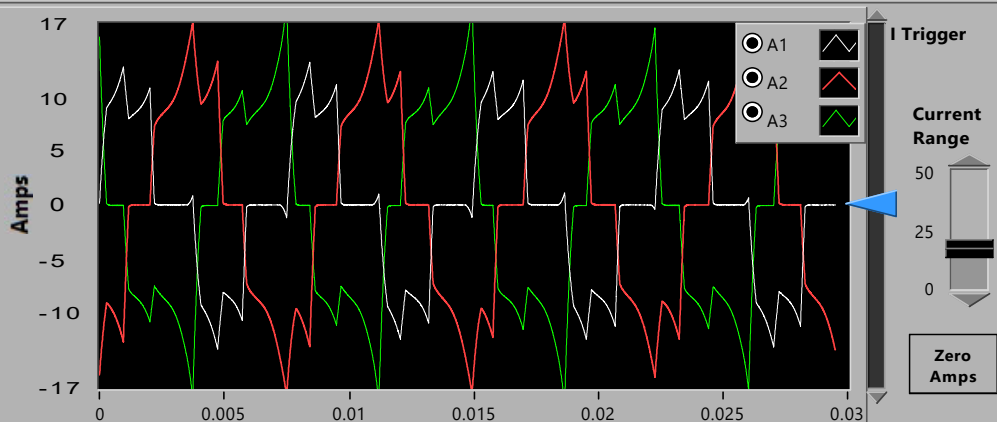
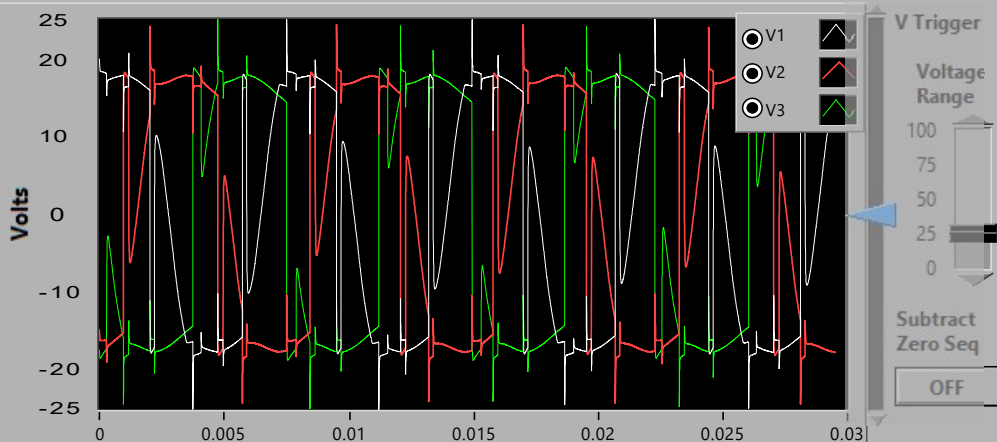
Last modified on 2022-12-02 at 7:06 PM

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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

134.7 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
14.89	7.15	-24.1	80.4
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
15.42	9.65	-20.9	125.1
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
16.28	9.18	-38.0	105.8
Avg V	Avg A	Avg θ	Tot Watt
15.53	8.66	-27.7	311.2

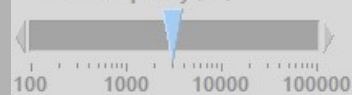
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

1.28

Zero Torque

RPM (Analog)

2026

Zero RPM

Zero current/
torque/speed
while motor is
not running

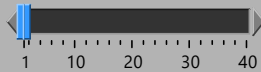
RPM (Digital)

2023

Pause

Save Data

Zoom



Position

