



3 Phase Motor Analysis.vi

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

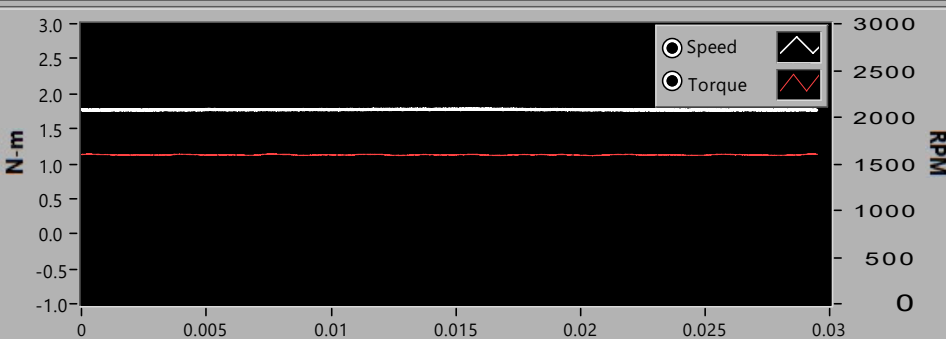
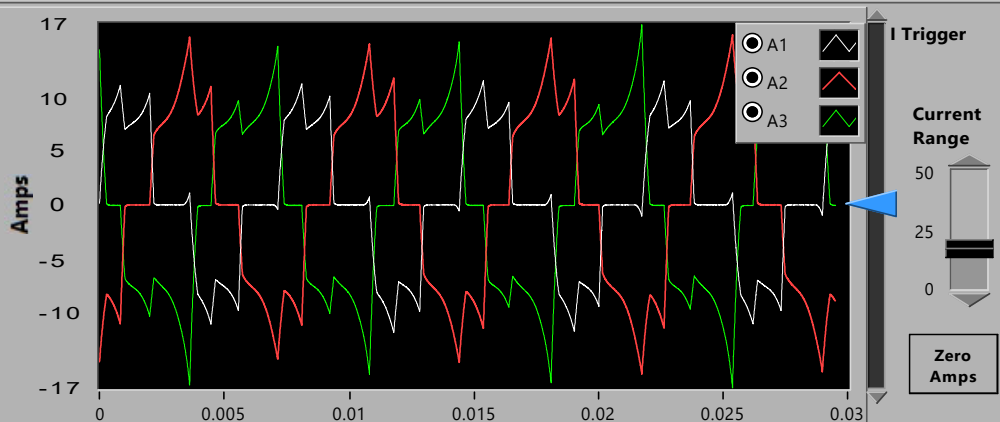
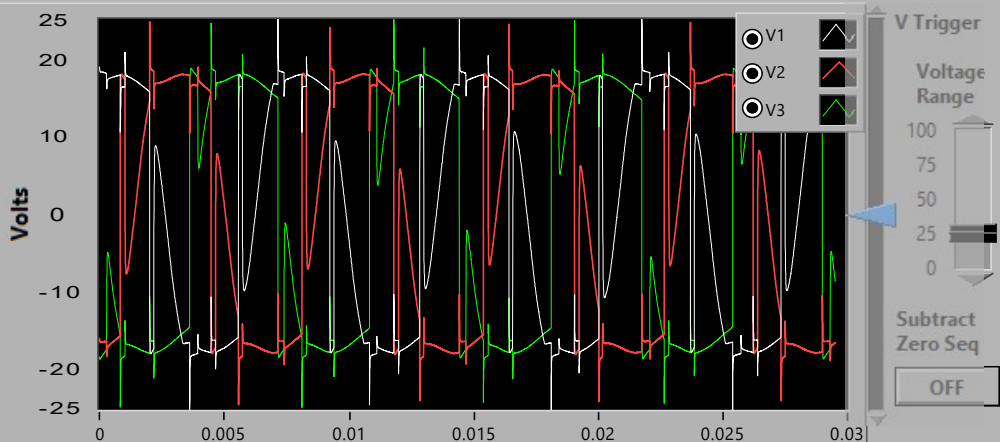
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

138.2 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
15.07	6.33	-22.1	70.2
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
15.30	8.10	-18.5	107.2
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
16.16	8.06	-28.7	99.8
Avg V	Avg A	Avg θ	Tot Watt
15.51	7.50	-23.1	277.2

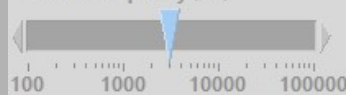
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

1.13

Zero Torque

RPM
(Analog)

2079

Zero RPM

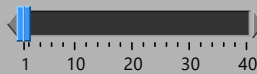
Zero current/
torque/speed
while motor is
not runningRPM
(Digital)

2069

Pause

Save Data

Zoom



Position

