



3 Phase Motor Analysis.vi

C:\Users\Public\Desktop\LabVIEW\_Applications\_2018\3 Phase Motor Analysis.exe\3 Phase Motor Analysis.vi

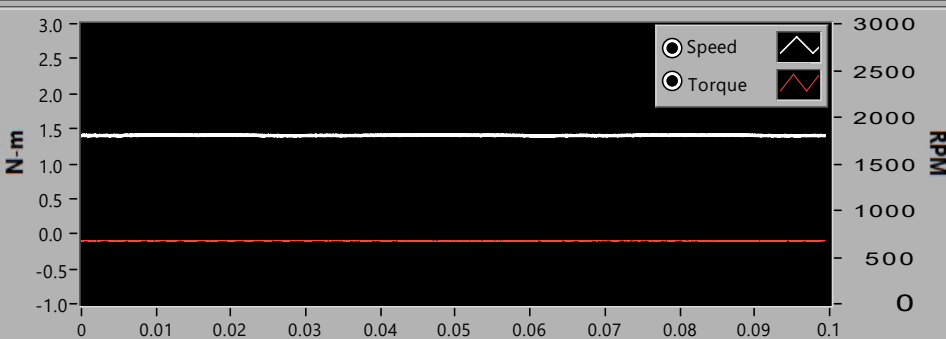
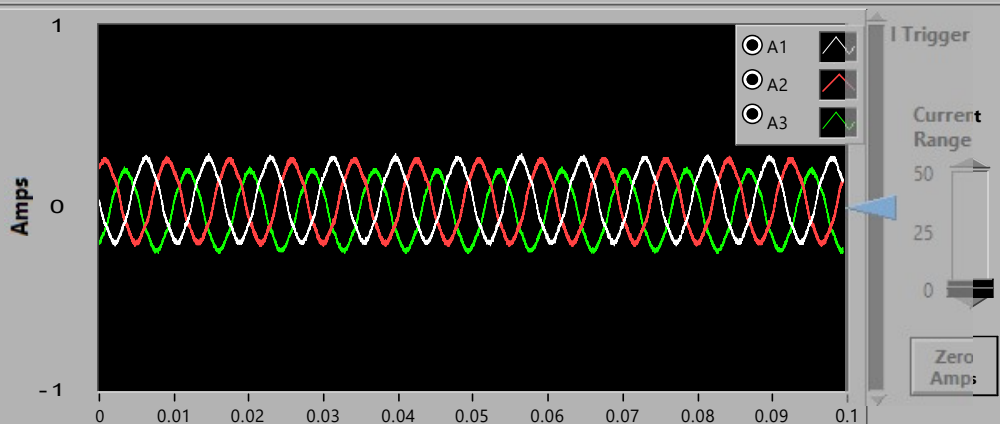
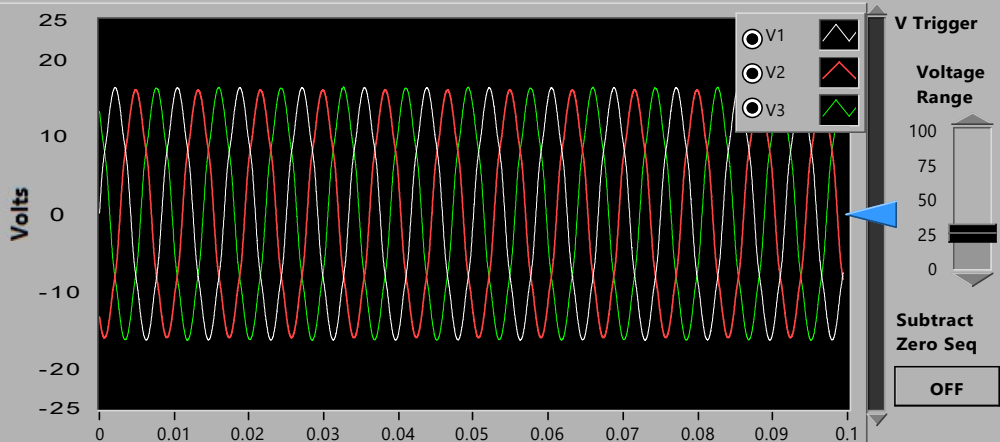
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# 3 Phase Motor Analysis

Main View

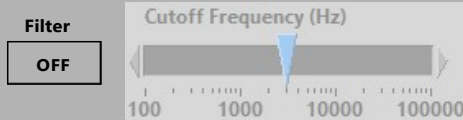
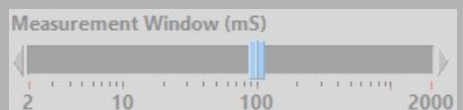
Phasor View



## Electrical Measurements

Ch1 Trigger Source: Amps, Volts  
Fundamental Frequency: 120.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
11.21	0.16	-178.5	-1.8
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
11.03	0.16	178.4	-1.8
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
11.20	0.15	179.1	-1.7
Avg V	Avg A	Avg θ	Tot Watt
11.14	0.16	59.7	-5.2



Torque

-0.10

Zero Torque

RPM (Analog)

1804

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

RPM (Digital)

1800

Pause

Save Data

Zoom

Position