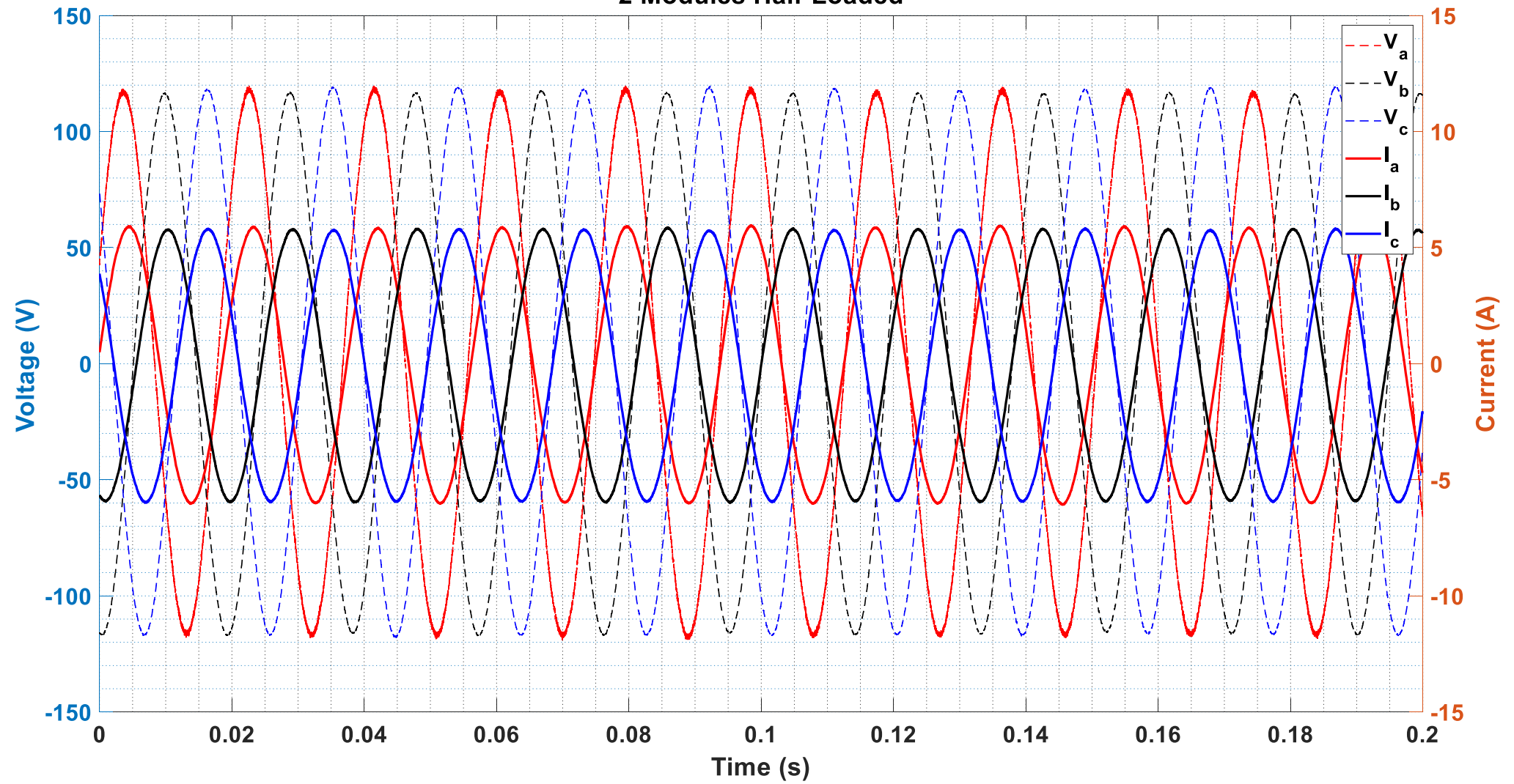


Half Load Test of Two Modules

Apr. 22, 2019

2 Modules Half-Loaded

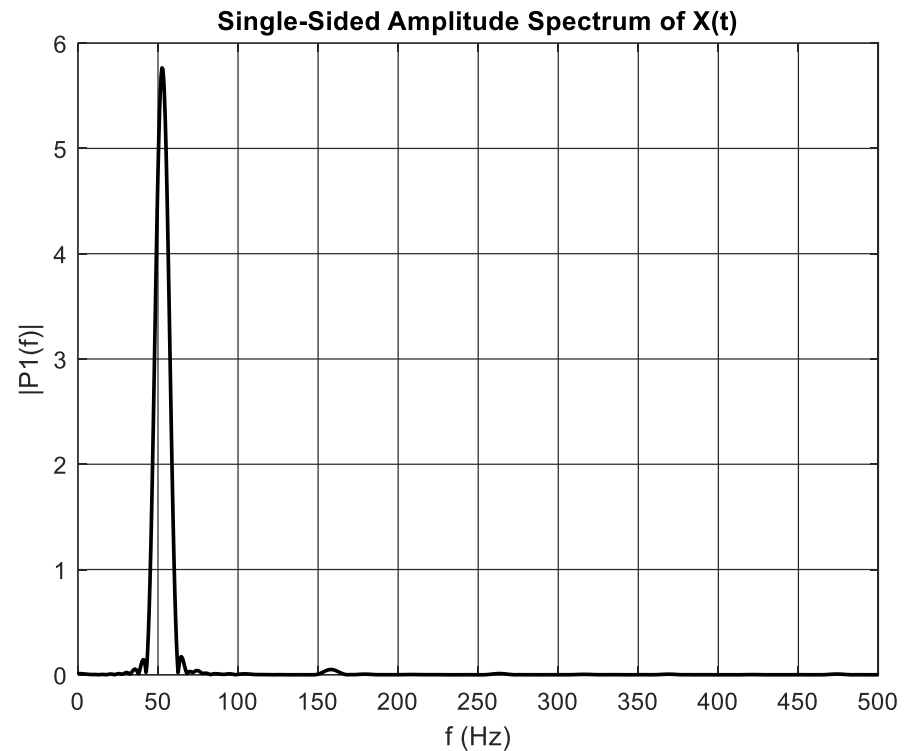


Voltage and Current Magnitudes

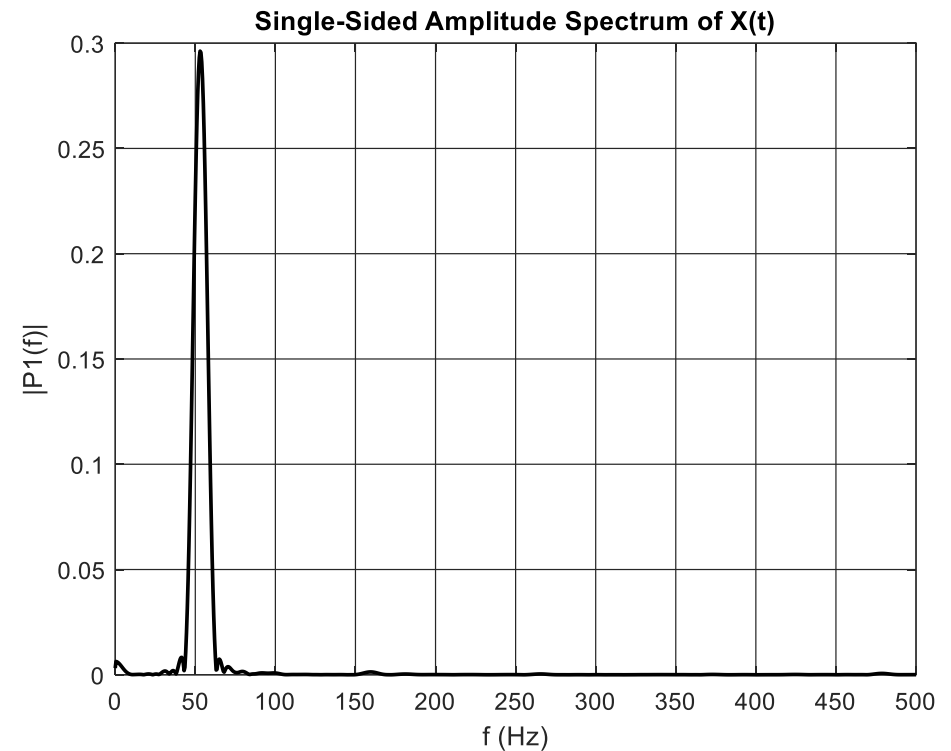
- $R_{\text{Load}} = 20.6 \, \Omega$
- Frequency: 53 Hz
- Phase A
 - $V = 82.2 \, \text{V}$
 - $I = 4.18 \, \text{A}$
- Phase B
 - $V = 81.7 \, \text{V}$
 - $I = 4.15 \, \text{A}$
- Phase C
 - $V = 82.2 \, \text{V}$
 - $I = 4.12 \, \text{A}$

Harmonic Spectrums

Voltage Waveform



Current Waveform

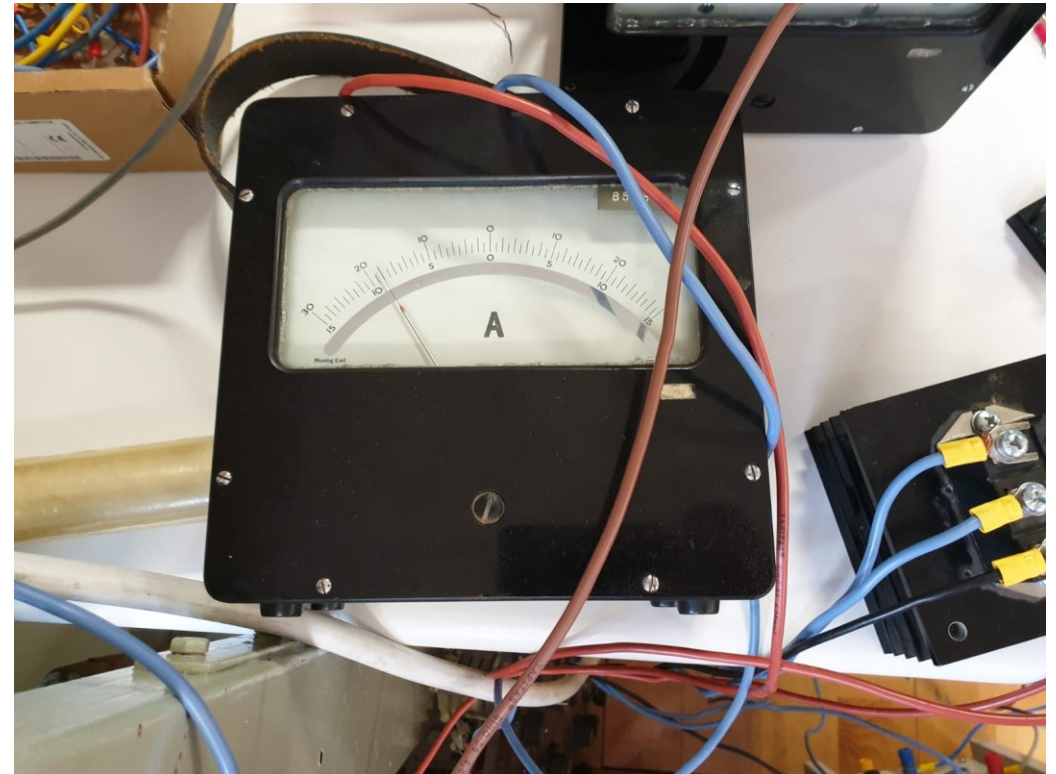


Limitations

Variac Rating (24 A/phase)



DC Machine Rating (40 A)



Thermal Issues

