

Valley synchronization

Tested device: OfflineFlyback_V1.0_revB (Vout = 24 Vdc)

Test equipment:

- Rigol DHO924S
- Tenma 72-13200

Test conditions:

- Ambient temperature: 22 °C
- Input voltage: 236,1 Vac

Test results - no load:

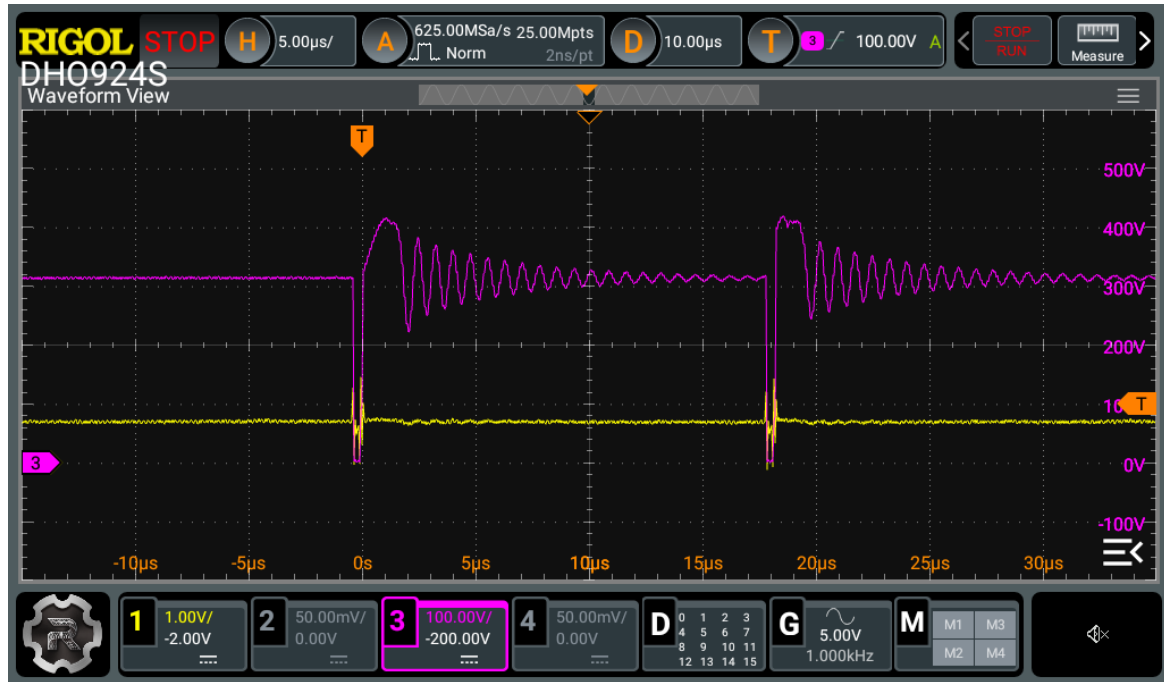


Figure 1: Valley synchronization @ 0 W (1)

Test results - 55 W load:

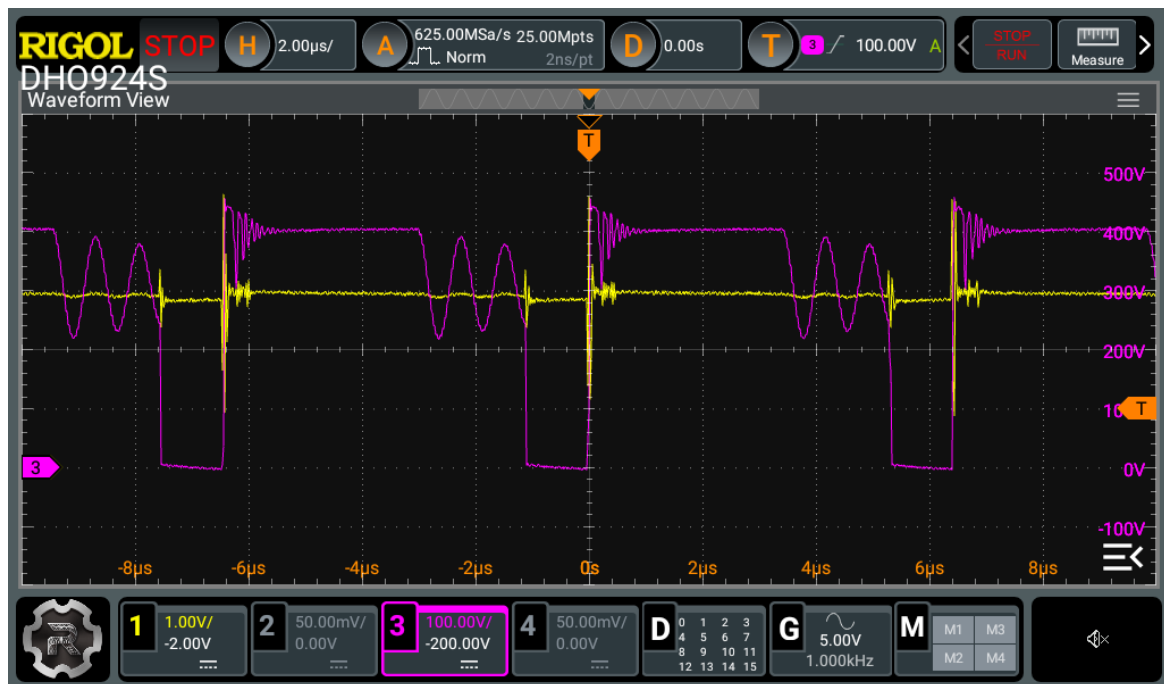


Figure 2: Valley synchronization @ 55 W (1)

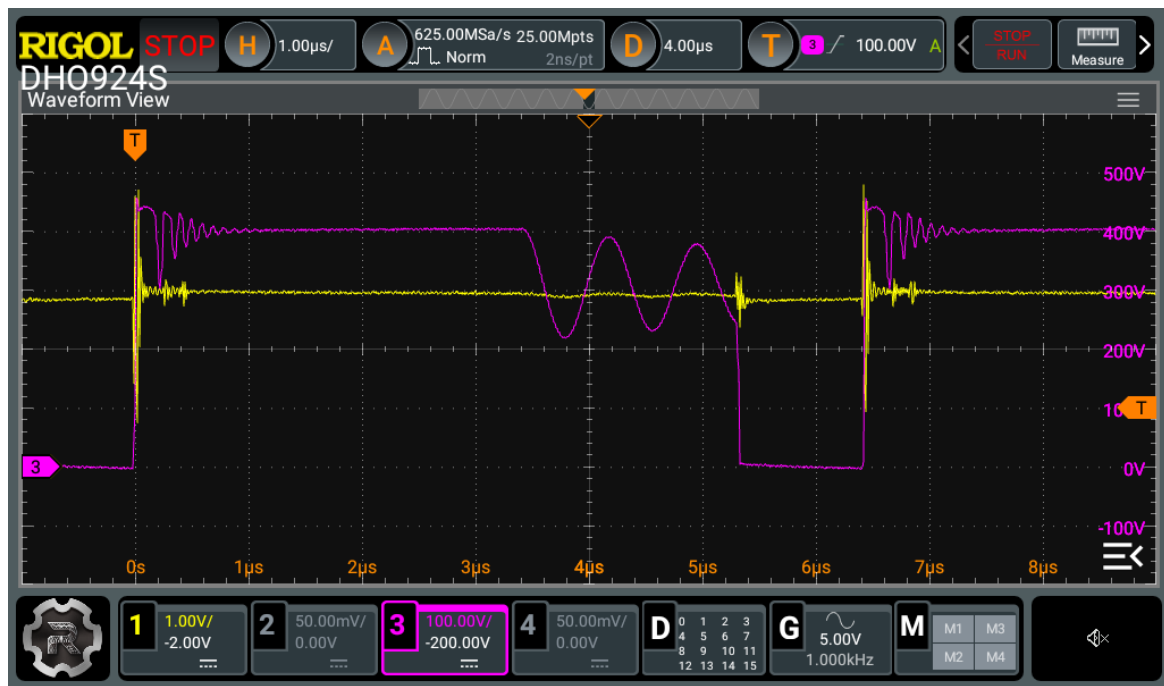


Figure 3: Valley synchronization @ 55 W (2)